

IRPTC LEGAL FILE 1986

Volume I



International Register of Potentially Toxic Chemicals
United Nations Environment Programme
Geneva, Switzerland

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Data Profile Series
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CORRIGENDUM

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Volume I

CORRIGENDUM



INTERNATIONAL REGISTER OF POTENTIALLY TOXIC CHEMICALS
UNITED NATIONS ENVIRONMENT PROGRAMME

GENEVA, SWITZERLAND

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CORRIGENDUM

The list of chemicals given in section 4 on pages I/20 to I/59 of Volume I contain a few unfortunate errors. Please disregard therefore pages I/38 to I/48 and instead use the chemical name index included in this corrigendum.

Furthermore, the following entries, although given in the lists, have not been included in section 6.

<u>RTECS RN</u>	<u>CAS RN</u>	<u>Common Name</u>
EF9100000	7726-95-6	BROMINE
GS6825000	590-28-3	POTASSIUM CYANIDE
GS7000000	917-61-3	SODIUM CYANIDE
LS8950000	-	FUEL OIL
MW7050000	-	CYANIDES
TS2275000	311-45-5	PARAOXON
TC5250000	950-35-6	PARAOXON-METHYL
TF0490000	1634-78-2	MALAOXON

RTECS RN	CAS RN	COMMON NAME
VH1050000	101-90-6	1,3-BIS(2,3-EPOXYPROPOXY)BENZENE
EI9275000	106-99-0	1,3-BUTADIENE
EJ0700000	87-68-3	1,3-BUTADIENE, HEXACHLORO-
UC8310000	542-75-6	1,3-DICHLORO-PROPYLENE
VG9625000	108-46-3	1,3-DIHYDROXYBENZENE; RESORCINOL
CZ4550000	106-46-7	1,4-DICHLOROBENZENE
MX3500000	123-31-9	1,4-DIHYDROXYBENZENE
JG8225000	123-91-1	1,4-DIOXAN
EO3325000	13952-84-6	2-AMINOBUTANE
NT8400000	75-31-0	2-AMINOPROPANE
EL6475000	78-93-3	2-BUTANONE
KJ8575000	111-76-2	2-BUTOXYETHANOL
EI9625000	126-99-8	2-CHLORO-1,3-BUTADIENE
SZ7100000	16672-87-0	2-CHLOROETHYL PHOSPHONIC ACID
QJ2275000	91-58-7	2-CHLORONAPHTHALENE
SK2625000	95-57-8	2-CHLOROPHENOL
EI9625000	126-99-8	2-CHLOROPRENE
KK8050000	110-80-5	2-ETHOXYETHANOL
LT7000000	98-01-1	2-FURALDEHYDE
MP1400000	591-78-6	2-HEXANONE
KL5775000	109-86-4	2-METHOXYETHANOL
KL5950000	110-49-6	2-METHOXYETHYL ACETATE
NT4037000	78-79-5	2-METHYL BUTA-1,3-DIENE
EM7650000	513-35-9	2-METHYL-2-BUTENE
NP9625000	78-83-1	2-METHYLPROPAN-1-OL
EO1925000	75-65-0	2-METHYLPROPAN-2-OL
QM2100000	91-59-8	2-NAPHTHYLAMINE
SM2100000	88-75-5	2-NITROPHENOL
TZ5250000	79-46-9	2-NITROPROPANE
BA5075000	107-18-6	2-PROPEN-1-OL
AS1050000	107-02-8	2-PROPENAL
UF0690000	75-99-0	2,2-DICHLOROPROPIONIC ACID
SM9200000	4901-51-3	2,3,4,5-TETRACHLOROPHENOL
AG6825000	94-75-7	2,4-D
ST2690000	615-05-4	2,4-DIAMINOANISOLE
SK8575000	120-83-2	2,4-DICHLOROPHENOL
SL2800000	51-28-5	2,4-DINITROPHENOL
AJ8400000	93-76-5	2,4,5-T
SN1400000	95-95-4	2,4,5-TRICHLOROPHENOL
SN1575000	88-06-2	2,4,6-TRICHLOROPHENOL
TJ7875000	88-89-1	2,4,6-TRINITROPHENOL
SK8750000	87-65-0	2,6-DICHLOROPHENOL
UC7350000	107-05-1	3-CHLOROPROPENE
SM1925000	554-84-7	3-NITROPHENOL
DD0525000	91-94-1	3,3'-DICHLOROBENZIDINE
DD0875000	119-90-4	3,3'-DIMETHOXYBENZIDINE
DD1225000	119-93-7	3,3'-DIMETHYLBENZIDINE
GO9500000	497-56-3	3,5-DINITRO-O-CRESOL
DU8925000	92-67-1	4-AMINOBIPHENYL
XU5250000	3165-93-3	4-CHLORO-O-TOLUIDINE HYDROCHLORIDE
SM2275000	100-02-7	4-NITROPHENOL
BY7900000	101-80-4	4,4'-DIAMINODIPHENYL OXIDE
GO9625000	534-52-1	4,6-DINITRO-O-CRESOL
AB1060000	602-87-9	5-NITROACENAPHTHENE
	1868-86-6	9-HYDROPERFLUORONONANOIC ACID, AMMONIUM SALT

RTECS RN	CAS RN	CHEMICAL NAME
AB1060000	602-87-9	ACENAPHTHENE, 5-NITRO-
AB1925000	75-07-0	ACETALDEHYDE
AB6080000	37764-25-3	ACETAMIDE, N,N-DIALLYL-2,2-DICHLORO-
AB8050000	957-51-7	ACETAMIDE, N,N-DIMETHYL-2,2-DIPHENYL-
AD7350000	103-84-4	ACETANILIDE
AE1225000	15972-60-8	ACETANILIDE, 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)-
AE1575000	1918-16-7	ACETANILIDE, 2-CHLORO-N-ISOPROPYL-
AF1225000	64-19-7	ACETIC ACID
AF7140000	2813-95-8	ACETIC ACID, 2-(SEC-BUTYL)-4,6-DINITROPHENYL ESTER
AG1575000	94-74-6	ACETIC ACID, ((4-CHLORO-O-TOLYL)OXY)-
AG2625000	3653-48-3	ACETIC ACID, ((4-CHLORO-O-TOLYL)OXY)-, SODIUM SALT
AG6825000	94-75-7	ACETIC ACID, (2,4-DICHLOROPHENOXY)-
AH5425000	141-78-6	ACETIC ACID, ETHYL ESTER
AH9100000	62-74-8	ACETIC ACID, FLUORO-, SODIUM SALT
AI5250000	301-04-2	ACETIC ACID, LEAD(2+) SALT
AI7875000	2597-03-7	ACETIC ACID, MERCAPTOPHENYL-, ETHYL ESTER, S-ESTER WITH O,O-DIMETHYL PHOSPHORODITHIOATE
AJ8400000	93-76-5	ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-
AJ9100000	650-51-1	ACETIC ACID, TRICHLORO-, SODIUM SALT
AK2975000	16752-77-5	ACETIMIDIC ACID, THIO-N-((METHYLCARBAMOYL)OXY)-, METHYL ESTER
AL3150000	67-64-1	ACETONE
AL7700000	75-05-8	ACETONITRILE
AO5955000	506-96-7	ACETYL BROMIDE
AO9600000	74-86-2	ACETYLENE
AR7175000	260-94-6	ACRIDINE
AS1050000	107-02-8	ACROLEIN
AS3325000	79-06-1	ACRYLAMIDE
AS4375000	79-10-7	ACRYLIC ACID
AT0700000	140-88-5	ACRYLIC ACID, ETHYL ESTER
AT5250000	107-13-1	ACRYLONITRILE
AU8400000	124-04-9	ADIPIC ACID
AW5950000	1402-68-2	AFLATOXIN
BA3650000	23564-06-9	ALLOPHANIC ACID, 4,4'-O-PHENYLENEBIS(3-THIO)-, DIETHYL ESTER
BA3675000	23564-05-8	ALLOPHANIC ACID, 4,4'-O-PHENYLENEBIS(3-THIO)-, DIMETHYL ESTER
BA5075000	107-18-6	ALLYL ALCOHOL
BD0330000	7429-90-5	ALUMINUM
BD0525000	7446-70-0	ALUMINUM CHLORIDE
BD0940000	21645-51-2	ALUMINUM HYDROXIDE
BD1400000	20859-73-8	ALUMINUM PHOSPHIDE
BP4550000	12125-02-9	AMMONIUM CHLORIDE
BP5250000	999-81-5	AMMONIUM, (2-CHLOROETHYL)TRIMETHYL-, CHLORIDE
BQ9625000	1336-21-6	AMMONIUM HYDROXIDE
BR9050000	6484-52-2	AMMONIUM NITRATE
BS4500000	7783-20-2	AMMONIUM SULFATE (2:1)
BW6650000	62-53-3	ANILINE
BY7900000	101-80-4	ANILINE, 4,4'-OXYDI-
CA9350000	120-12-7	ANTHRACENE
CC4025000	7440-36-0	ANTIMONY
CG0525000	7440-38-2	ARSENIC
CG0700000	7778-39-4	ARSENIC ACID
CG0830000	7778-44-1	ARSENIC ACID, CALCIUM SALT(2:3)
CG0875000	7778-43-0	ARSENIC ACID, DISODIUM SALT
CG0900000	10048-95-0	ARSENIC ACID, DISODIUM SALT, HEPTAHYDRATE
CG0980000	7784-40-9	ARSENIC ACID, LEAD(2+) SALT(1:1)

RTECS RN	CAS RN	CHEMICAL NAME
CG1000000	7645-25-2	ARSENIC ACID, LEAD SALT
CG2275000	1303-28-2	ARSENIC PENTOXIDE
CG3325000	1327-53-3	ARSENIC TRIOXIDE
CG3675000	7784-46-5	ARSENIUS ACID, MONOSODIUM SALT
CG6475000	7784-42-1	ARSINE
CH7525000	75-60-5	ARSINE OXIDE, DIMETHYLHYDROXY-
CI6475000	1332-21-4	ASBESTOS
CI9900000	8052-42-4	ASPHALT
CM2625000	2212-67-1	1H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-, S-ETHYL ESTER
CM3675000	105-60-2	2H-AZEPIN-2-ONE, HEXAHYDRO-
CQ8600000	513-77-9	BARIUM CARBONATE (1:1)
CQ8750000	10361-37-2	BARIUM CHLORIDE
CQ9625000	10022-31-8	BARIUM(II) NITRATE (1:2)
CU4375000	100-52-7	BENZALDEHYDE
CV3850000	1918-13-4	BENZAMIDE, 2,6-DICHLOROTHIO-
CV9275000	56-55-3	BENZ(A)ANTHRACENE
CY1400000	71-43-2	BENZENE
CZ0175000	108-90-7	BENZENE, CHLORO-
CZ4550000	106-46-7	BENZENE, P-DICHLORO-
CZ6300000	584-84-9	BENZENE, 2,4-DIISOCYANATO-1-METHYL-
CZ9540000	123-01-3	BENZENE, DODECYL-
DA0700000	100-41-4	BENZENE, ETHYL-
DA2975000	118-74-1	BENZENE, HEXACHLORO-
DA6475000	98-95-3	BENZENE, NITRO-
DA6650000	82-68-8	BENZENE, PENTACHLORONITRO-
DB4200000	98-11-3	BENZENESULFONIC ACID
DB4370000	42615-29-2	BENZENESULFONIC ACID, ALKYL DERIVATIVE
DB4550000	68411-30-3	LINEAR ALKYL BENZENE SULFONATES (GENERIC)
DC0525000	108-98-5	BENZENETHIOL
DC2100000	120-82-1	BENZENE, 1,2,4-TRICHLORO-
DC7875000	80-06-8	BENZHYDROL, 4,4'-DICHLORO-ALPHA-METHYL-
DC8400000	115-32-2	BENZHYDROL, 4,4'-DICHLORO-ALPHA-(TRICHLOROMETHYL)-
DC9625000	92-87-5	BENZIDINE
DD0525000	91-94-1	BENZIDINE, 3,3'-DICHLORO-
DD0875000	119-90-4	BENZIDINE, 3,3'-DIMETHOXY-
DD1225000	119-93-7	BENZIDINE, 3,3'-DIMETHYL-
DD2275000	510-15-6	BENZILIC ACID, 4,4'-DICHLORO-, ETHYL ESTER
DD6475000	17804-35-2	2-BENZIMIDAZOLE CARBAMIC ACID, 1-(BUTYL CARBAMOYL)-, METHYL ES TER
DD6500000	10605-21-7	2-BENZIMIDAZOLE CARBAMIC ACID, METHYL ESTER
DE0700000	148-79-8	BENZIMIDAZOLE, 2-(4-THIAZOLYL)-
DG0875000	65-85-0	BENZOIC ACID
DG1925000	133-90-4	BENZOIC ACID, 3-AMINO-2,5-DICHLORO-
DG7525000	1918-00-9	BENZOIC ACID, 3,6-DICHLORO-2-METHOXY
DI4025000	1689-83-4	BENZONITRILE, 3,5-DI IODO-4-HYDROXY-
DJ2800000	83-79-4	(1)BENZOPYRANO(3,4-B)FURO(2,3-H)(1)BENZOPYRAN-6(6AH)-ONE, 1, 2,12,12A-TETRAHYDRO-2-ALPHA-ISOPROPENYL-8,9-DIMETHOXY-
DJ3675000	50-32-8	BENZO(A)PYRENE
DK2625000	106-51-4	P-BENZOQUINONE
DS1750000	7440-41-7	BERYLLIUM
DU8050000	92-52-4	BIPHENYL
DU8925000	92-67-1	4-BIPHENYLAMINE
DW2275000	1910-42-5	4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE
EI9275000	106-99-0	1,3-BUTADIENE
EI9625000	126-99-8	1,3-BUTADIENE, 2-CHLORO-

RTECS RN	CAS RN	CHEMICAL NAME
EJ0700000	87-68-3	1,3-BUTADIENE, HEXACHLORO-
EL6475000	78-93-3	2-BUTANONE
EM7650000	513-35-9	2-BUTENE, 2-METHYL-
EO1400000	71-36-3	BUTYL ALCOHOL
EO1750000	78-92-2	S-BUTYL ALCOHOL
EO1925000	75-65-0	TERT-BUTYL ALCOHOL
EO3325000	13952-84-6	SEC-BUTYLAMINE
EU9800000	7440-43-9	CADMIUM
EU9810000	543-90-8	CADMIUM(II) ACETATE
EVO175000	10108-64-2	CADMIUM CHLORIDE
EVO260000		CADMIUM COMPOUNDS
EV1925000	1306-19-0	CADMIUM OXIDE
EV2700000	10124-36-4	CADMIUM SULFATE (1:1)
EW0700000	592-01-8	CALCIUM CYANIDE
EW3100000	1305-78-8	CALCIUM OXIDE
EZ0400000	1114-71-2	CARBAMIC ACID, N-BUTYLETHYLTHIO-, S-PROPYL ESTER
EZ5075000	95-06-7	CARBAMIC ACID, DIETHYLDITHIO-, 2-CHLOROALLYL ESTER
EZ8225000	2303-16-4	CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3-DICHLOROALLYL) ESTER
EZ9084000	644-64-4	CARBAMIC ACID, DIMETHYL-, 1-((DIMETHYLAMINO)CARBONYL)-5-METHYL-1H-PYRAZOL-3-YL ESTER
EZ9100000	23103-98-2	CARBAMIC ACID, DIMETHYL-, 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDYL ESTER
FA4550000	759-94-4	CARBAMIC ACID, DIPROPYLTHIO-, S-ETHYL ESTER
FB8050000	2631-37-0	CARBAMIC ACID, METHYL-, M-CYM-5-YL ESTER
FB9450000	1563-66-2	CARBAMIC ACID, METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER
FC0175000	2032-59-9	CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-M-TOLYL ESTER
FC0700000	315-18-4	CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-3,5-XYLYL ESTER
FC1140000	22781-23-3	CARBAMIC ACID, METHYL-, 2,3-(DIMETHYLMETHYLENEDIOXY)PHENYL ESTER
FC2100000	137-42-8	CARBAMIC ACID, N-METHYLDITHIO-, SODIUM SALT
FC3150000	114-26-1	CARBAMIC ACID, METHYL-, O-ISOPROPOXYPHENYL ESTER
FC5950000	63-25-2	CARBAMIC ACID, METHYL-, 1-NAPHTHYL ESTER
FD8050000	101-21-3	CARBANILIC ACID, M-CHLORO-, ISOPROPYL ESTER
FD9100000	122-42-9	CARBANILIC ACID, ISOPROPYL ESTER
FF5250000	7440-44-0	CARBON
FF5800000	1333-86-4	CARBON BLACK
FF6400000	124-38-9	CARBON DIOXIDE
FF6650000	75-15-0	CARBON DISULFIDE
FF9100000	973-21-7	CARBONIC ACID, 2-SEC-BUTYL-4,6-DINITROPHENYL ISOPROPYL ESTER
FG3500000	630-08-0	CARBON MONOXIDE
FG4900000	56-23-5	CARBON TETRACHLORIDE
FN9770000	13477-00-4	CHLORIC ACID, BARIUM SALT
FS9100000	67-66-3	CHLOROFORM
GB2450000	7738-94-5	CHROMIC ACID
GB2750000	13765-19-0	CHROMIC ACID, CALCIUM SALT (1:1)
GB2800000	8012-75-7	CHROMIC ACID, CALCIUM SALT (1:1) DIHYDRATE
GB2940000	7789-00-6	CHROMIC ACID, DIPOTASSIUM SALT
GB2955000	7775-11-3	CHROMIC ACID, DISODIUM SALT
GB4200000	7440-47-3	CHROMIUM
GB5450000	10060-12-5	CHROMIUM(III) CHLORIDE, HEXAHYDRATE (1:3:6)
GB6262000	18540-29-9	CHROMIUM, ION (CR 6+)
GB6280000	13548-38-4	CHROMIUM(III) NITRATE
GB6650000	1333-82-0	CHROMIUM(VI) OXIDE (1:3)
GF8615000	8001-58-9	COAL TAR CREOSOTE

RTECS RN	CAS RN	CHEMICAL NAME
GF8750000	7440-48-4	COBALT
GL5325000	7440-50-8	COPPER
GL5900000	16102-92-4	COPPER ARSENATE HYDROXIDE
GL7020000	1332-40-7	COPPER CHLORIDE, MIXED WITH COPPER OXIDE, HYDRATE
GL7150000	544-92-3	COPPER CYANIDE
GL8050000	1317-39-1	COPPER (I) OXIDE
GL8800000	7758-98-7	COPPER(II) SULFATE (1:1)
GL8900000	7758-99-8	COPPER (II) SULFATE PENTAHYDRATE (1:1:5)
GN2275000		COTTON DUST
GN4200000	91-64-5	COUMARIN
GN4550000	81-81-2	COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-
GN4830000	81-82-3	COUMARIN, 3-(ALPHA-ACETONYL-P-CHLOROBENZYL)-4-HYDROXY-
GN6300000	56-72-4	COUMARIN, 3-CHLORO-7-HYDROXY-4-METHYL-, O-ESTER WITH O,O-DIETHYL PHOSPHOROTHIOATE
GN7630000	5836-29-3	COUMARIN, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-
GO5950000	1319-77-3	CRESOL
GO6125000	108-39-4	M-CRESOL
GO6300000	95-48-7	O-CRESOL
GO6475000	106-44-5	P-CRESOL
GO9500000	497-56-3	O-CRESOL, 3,5-DINITRO-
GO9625000	534-52-1	O-CRESOL, 4,6-DINITRO-
GQ5250000	7786-34-7	CROTONIC ACID, 3-HYDROXY-, METHYL ESTER, DIMETHYL PHOSPHATE, (E)-
GQ5600000	485-31-4	CROTONIC ACID, 3-METHYL-, 2-SEC-BUTYL-4,6-DINITROPHENYL ESTER
GQ5775000	39300-45-3	CROTONIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER
GS7175000	57-12-5	CYANIDE
GV3500000	319-84-6	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, ALPHA ISOMER
GV4900000	58-89-9	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER
GW1050000	108-94-1	CYCLOHEXANONE
GW4900000	2425-06-1	4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-((1,1,2,2-TETRACHLOROETHYL)THIO)-
GW5075000	133-06-2	4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-(TRICHLOROMETHYL)THIO-
GW7700000	78-59-1	2-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-
GY1225000	77-47-4	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
GY1720000	6885-57-0	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI ONE, 2,3,6A,8,9,9A-HEXAHYDRO-9A-HYDROXY-4-METHOXY
GY1722000	7220-81-7	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI ONE, 2,3,6A-ALPHA,8,9,9A-ALPHA-HEXAHYDRO-4-METHOXY-
GY1880000	6795-23-9	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI ONE, 2,3,6A,9A-TETRAHYDRO-9A-HYDROXY-4-METHOXY
GY1925000	1162-65-8	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI ONE, 2,3,6A,9A-TETRAHYDRO-4-METHOXY-
GY5875000	2164-08-1	1H-CYCLOPENTAPYRIMIDINE-2,4(3H,5H)-DIONE, 6,7-DIHYDRO-3-CYCLOHEXYL-
GZ0700000	121-29-9	CYCLOPROPANECARBOXYLIC ACID, 3-CARBOXY-ALPHA,2,2-TRIMETHYL-, 1-METHYL ESTER, ESTER WITH 4-HYDROXY-3-METHYL-2-(2,4-PENTADIENYL)-2-CYCLOPENTEN-1-ONE
GZ1250000	52315-07-8	CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYL-, CYANO(3-PHENOXYPHENYL)METHYL ESTER
GZ1255000	52645-53-1	CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROVINYL)-2,2-DIMETHYL-, 3-PHENOXYBENZYL ESTER A(+)-, (CIS,TRANS)-
GZ1310000	10453-86-8	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, (4(2-BENZYL)FURYL) METHYL ESTER
GZ1700000	7696-12-0	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)-, (1,3,4,5,6,7-HEXAHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL) METHYL ESTER

RTECS RN	CAS RN	CHEMICAL NAME
GZ1750000	121-21-1	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL) ESTER WITH 4-HYDROXY-3-METHYL-2-(2,4-PENTADIENYL)-2-CYCLOPENTEN-1-ONE
GZ1925000	584-79-2	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL) 2-METHYL-4-OXO-3-(2-PROPENYL)-2-CYCLOPENTEN-1-YL ESTER
GZ1950000	584-79-2	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)-, 2-METHYL-4-OXO-3-(2-PROPENYL)-2-CYCLOPENTEN-1-YL ESTER, D-, TRANS-
HP3500000	1746-01-6	DIBENZO-P-DIOXIN, 2,3,7,8-TETRACHLORO-
HX7680000	7778-50-9	DICHROMIC ACID, DIPOTASSIUM SALT
HX7700000	10588-01-9	DICHROMIC ACID, DISODIUM SALT
HX7750000	7789-12-0	DICHROMIC ACID, DISODIUM SALT, DIHYDRATE
IA3500000	55-18-5	DIETHYLAMINE, N-NITROSO-
ID5950000	111-46-6	DIETHYLENE GLYCOL
IE1225000	111-40-0	DIETHYLENETRIAMINE
IO1575000	72-20-8	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-, ENDO, ENDO-
IO1750000	60-57-1	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-, ENDO, EXO-
IO2100000	309-00-2	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4A,5,8,8A-HEXAHYDRO-, ENDO, EXO-
IP8750000	124-40-3	DIMETHYLAMINE
IQ0525000	62-75-9	DIMETHYLAMINE, N-NITROSO-
JG8225000	123-91-1	P-DIOXANE
JJ7800000	122-39-4	DIPHENYLAMINE
JJ9800000	86-30-6	DIPHENYLAMINE, N-NITROSO-
JL9700000	621-64-7	DIPROPYLAMINE, N-NITROSO-
JM5690000	85-00-7	DIPYRIDO(1,2-A:2',1'-C)PYRAZINEDIIUM, 6,7-DIHYDRO-, DIBROMIDE
JM5750000	4032-26-2	DIPYRIDO(1,2-A:2',1'-C)PYRAZINEDIIUM, 6,7-DIHYDRO-, DICHLORIDE
JO1400000	137-26-8	DISULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)
KH2100000	75-04-7	ETHANAMINE
KH5790000	72-56-0	ETHANE, 2,2-BIS(P-ETHYLPHENYL)-1,1-DICHLORO-
KH7525000	75-00-3	ETHANE, CHLORO-
KH9275000	106-93-4	ETHANE, 1,2-DIBROMO-
KI0525000	107-06-2	ETHANE, 1,2-DICHLORO-
KI0700000	72-54-8	ETHANE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-
KI1101000	76-14-2	ETHANE, 1,2-DICHLORO-1,1,2,2-TETRAFLUORO-
KI4025000	67-72-1	ETHANE, HEXACHLORO-
KI5775000	60-29-7	ETHANE, 1,1'-OXYBIS-
KI6300000	76-01-7	ETHANE, PENTACHLORO-
KI8450000	630-20-6	ETHANE, 1,1,1,2-TETRACHLORO-
KI8575000	79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-
KI9625000	75-08-1	ETHANETHIOL
KJ2975000	71-55-6	ETHANE, 1,1,1-TRICHLORO-
KJ3150000	79-00-5	ETHANE, 1,1,2-TRICHLORO-
KJ3325000	50-29-3	ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-CHLOROPHENYL)-
KJ3675000	72-43-5	ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-METHOXYPHENYL)-
KJ8575000	111-76-2	ETHANOL, 2-BUTOXY-
KK8050000	110-80-5	ETHANOL, 2-ETHOXY-
KL5775000	109-86-4	ETHANOL, 2-METHOXY-
KL5950000	110-49-6	ETHANOL, 2-METHOXY-, ACETATE
KN1575000	542-88-1	ETHER, BIS(CHLOROMETHYL)-
KN1750000	108-60-1	ETHER, BIS(2-CHLORO-1-METHYLETHYL)

RTECS RN	CAS RN	CHEMICAL NAME
KN6650000	107-30-2	ETHER, CHLOROMETHYL METHYL
KN8400000	1836-75-5	ETHER, 2,4-DICHLOROPHENYL P-NITROPHENYL
KN8970000	101-84-8	ETHER, DIPHENYL
KO4200000	57321-63-8	ETHER, TRICHLOROPHENYL
KU9625000	75-01-4	ETHYLENE, CHLORO-
KV0350000	9002-86-2	ETHYLENE, CHLORO-, POLYMER
KV9275000	75-35-4	ETHYLENE, 1,1-DICHLORO-
KV9360000	540-59-0	ETHYLENE, 1,2-DICHLORO-
KX2450000	75-21-8	ETHYLENE OXIDE
KX3850000	127-18-4	ETHYLENE, TETRACHLORO-
KX4550000	79-01-6	ETHYLENE, TRICHLORO-
LJ9100000	7705-08-0	FERRIC CHLORIDE
LK5060000	59536-65-1	FIREMASTER BP6
LK5065000	67774-32-7	FIREMASTER FF1
LL4025000	206-44-0	FLUORANTHENE
LP8925000	50-00-0	FORMALDEHYDE
LQ0525000	75-12-7	FORMAMIDE
LQ2100000	68-12-2	FORMAMIDE, N,N-DIMETHYL-
LQ4375000	6164-98-3	FORMAMIDINE, N'-(4-CHLORO-O-TOLYL)-N,N-DIMETHYL-
LQ4900000	64-18-6	FORMIC ACID
LT7000000	98-01-1	2-FURALDEHYDE
LU9100000	98-00-0	FURFURYL ALCOHOL
LV1700000	7241-98-7	1H,12H-FURO(3',2':4,5)FURO(2,3H)PYRANO(3,4-C)(1)BENZOPYRAN-1,12-DIONE, 3,4,7A-ALPHA,9,10,10A-ALPHA-HEXAHYDRO-5-METHOXY-
LV1720000	1165-39-5	1H,12H-FURO(3',2':4,5)FURO(2,3-H)PYRANO(3,4-C)(1)BENZOPYRAN-1,12-DIONE, 3,4,7A,10A-TETRAHYDRO-5-METHOXY-
MC1075000	1071-83-6	GLYCINE, N-(PHOSPHONOMETHYL)-
MF1750000	2439-10-3	GUANIDINE, DODECYL-, ACETATE
MJ5775000	108-83-8	4-HEPTANONE, 2,6-DIMETHYL-
MN9275000	110-54-3	HEXANE
MP1400000	591-78-6	2-HEXANONE
MU7175000	302-01-2	HYDRAZINE
MV8925000	100-63-0	HYDRAZINE, PHENYL-
MW2625000	122-66-7	HYDRAZOBENZENE
MW4025000	7647-01-0	HYDROCHLORIC ACID
MW6825000	74-90-8	HYDROCYANIC ACID
MW7875000	7664-39-3	HYDROFLUORIC ACID
MX0900000	7722-84-1	HYDROGEN PEROXIDE
MX3500000	123-31-9	HYDROQUINONE
NI9625000	96-45-7	2-IMIDAZOLIDINETHIONE
NK5335000	3691-35-8	1,3-INDANDIONE, 2-((P-CHLOROPHENYL)PHENYLACETATE)-
NK6300000	83-26-1	1,3-INDANDIONE, 2-PIVALOYL-
NO8510000	7782-63-0	IRON(II) SULFATE (1:1), HEPTAHYDRATE
NO8750000	14484-64-1	IRON, TRIS(DIMETHYLDITHIOCARBAMATO)-
NP9625000	78-83-1	ISOBUTYL ALCOHOL
NQ9450000	624-83-9	ISOCYANIC ACID, METHYL ESTER
NT2600000	1897-45-6	ISOPHTHALONITRILE, TETRACHLORO-
NT4037000	78-79-5	ISOPRENE
NT8400000	75-31-0	ISOPROPYLAMINE
NY2800000	5707-69-7	4,5-ISOXAZOLEDIONE, 3-METHYL-, 4-((O-CHLOROPHENYL)HYDRAZONE)
OF7525000	7439-92-1	LEAD
OF8750000	1335-32-6	LEAD, BIS(ACETATE) TETRAHYDROXY
OF9275000	598-63-0	LEAD CARBONATE
OG2100000	10099-74-8	LEAD NITRATE
OG3675000	7446-27-7	LEAD PHOSPHATE

RTECS RN	CAS RN	CHEMICAL NAME
OJ6125000	7789-24-4	LITHIUM FLUORIDE
ON3675000	108-31-6	MALEIC ANHYDRIDE
OO9275000	7439-96-5	MANGANESE
OP0700000	12427-38-2	MANGANESE, (ETHYLENEBIS(DITHIOCARBAMATO))-
OV4550000	7439-97-6	MERCURY
OV6475000	62-38-4	MERCURY, (ACETATO)PHENYL-
OV8750000	7546-30-7	MERCURY(I) CHLORIDE
OV9100000	7487-94-7	MERCURY(II) CHLORIDE
OW6320000	22967-92-6	MERCURY(1+), METHYL-, ION
OW8750000	21908-53-2	MERCURY(II) OXIDE
PA4900000	74-83-9	METHANE, BROMO-
PA6390000	75-45-6	METHANE, CHLORODIFLUORO-
PA8050000	75-09-2	METHANE, DICHLORO-
PA8200000	75-71-8	METHANE, DICHLORODIFLUORO-
PA9800000	75-52-5	METHANE, NITRO-
PB5600000	75-25-2	METHANE, TRIBROMO-
PB6125000	75-69-4	METHANE, TRICHLOROFUORO-
PB6300000	76-06-2	METHANE, TRICHLORONITRO-
PB9450000	1024-57-3	4,7-METHANOINDAN, 1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-3A,4,7,7A-TETRAHYDRO-
PB9800000	57-74-9	4,7-METHANOINDAN, 1,2,4,5,6,7,8,8-OCTACHLORO-3A,4,7,7A-TETRAHYDRO-
PC0700000	76-44-8	4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-
PC1400000	67-56-1	METHANOL
PC8225000	2385-85-5	1,3,4-METHENO-1H-CYCLOBUTA(CD)PENTALENE, 1,1A,2,2,3,3A,4,5,5,5A,5B,6-DODECACHLOROOCCTAHYDRO-
PC8575000	143-50-0	1,3,4-METHENO-2H-CYCLOBUTA(CD)PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO-
PY8030000	8012-95-1	MINERAL OIL
QD6475000	110-91-8	MORPHOLINE
QI8750000	60-54-8	TETRACYCLINE
QJ2100000	90-13-1	NAPHTHALENE, 1-CHLORO-
QJ2275000	91-58-7	NAPHTHALENE, 2-CHLORO-
QJ7350000	1335-87-1	NAPHTHALENE, HEXACHLORO-
QK0250000	2234-13-1	NAPHTHALENE, OCTACHLORO-
QK0300000	1321-64-8	NAPHTHALENE, PENTACHLORO-
QK9100000	1338-02-9	NAPHTHENIC ACID, COPPER SALT
QL0700000	3347-22-6	NAPHTO(2,3-B)-P-DITHIIN-2,3-DICARBONITRILE, 5,10-DIHYDRO-5,10-DIOXO-2-NAPHTHYLAMINE
QM2100000	91-59-8	2-NAPHTHYLAMINE
QR5950000	7440-02-0	NICKEL
QR6300000	13463-39-3	NICKEL CARBONYL
QS5250000	54-11-5	NICOTINE
QS9625000	65-30-5	NICOTINE SULFATE
QU5775000	7697-37-2	NITRIC ACID
QW9700000	7727-37-9	NITROGEN (GENERIC)
RA1225000	7632-00-0	NITROUS ACID, SODIUM SALT
RB8750000	991-42-4	5-NORBORENE-2,3-DICARBOXIMIDE, 5-(ALPHA-HYDROXY-ALPHA-2-PYRIDYLBENZYL)-7-(ALPHA-2-PYRIDYLBENZYLIDENE)-
RB9275000	115-29-7	5-NORBORENE-2,3-DIMETHANOL, 1,4,5,6,7,7-HEXACHLORO-, CYCLIC SULFITE
RN7875000	145-73-3	7-OXABICYCLO(2,2,1)-HEPTANE-2,3-DICARBOXYLIC ACID
RO0835000	20354-26-1	1,2,4-OXADIAZOLIDINE-3,5-DIONE, 2-(3,4-DICHLOROPHENYL)-4-METHYL-

RTECS RN	CAS RN	CHEMICAL NAME
RP2300000	23135-22-0	OXAMIMIDIC ACID, N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-METHYLTHIO-
RP4550000	5234-68-4	1,4-OXATHIIN-3-CARBOXAMIDE, 5,6-DIHYDRO-2-METHYL-N-PHENYL-
RS2060000	7782-44-7	OXYGEN
RS8225000	10028-15-6	OZONE
SA9275000	108-10-1	2-PENTANONE, 4-METHYL-
SC7500000	7601-90-3	PERCHLORIC ACID
SD6475000	7722-64-7	PERMANGANIC ACID, POTASSIUM SALT
SE0350000	7727-54-0	PEROXYDISULFURIC ACID, DIAMMONIUM SALT
SE7175000	8002-05-9	PETROLEUM
SE7449000		PETROLEUM HYDROCARBONS - MINERAL OILS
SE7555000	8030-30-6	PETROLEUM SPIRITS
SJ3325000	108-95-2	PHENOL
SJ9800000	88-85-7	PHENOL, 2-SEC-BUTYL-4,6-DINITRO-
SK2450000	108-43-0	PHENOL, M-CHLORO-
SK2625000	95-57-8	PHENOL, O-CHLORO-
SK2800000	106-48-9	PHENOL, P-CHLORO-
SK8575000	120-83-2	PHENOL, 2,4-DICHLORO-
SK8750000	87-65-0	PHENOL, 2,6-DICHLORO-
SL2800000	51-28-5	PHENOL, 2,4-DINITRO-
SM0700000	70-30-4	PHENOL, 2,2'-METHYLENEBIS(3,4,6-TRICHLORO)-
SM1925000	554-84-7	PHENOL, 3-NITRO-
SM2100000	88-75-5	PHENOL, 2-NITRO-
SM2275000	100-02-7	PHENOL, 4-NITRO-
SM6300000	87-86-5	PENTACHLOROPHENOL
SM9200000	4901-51-3	PHENOL, 2,3,4,5-TETRACHLORO-
SN1400000	95-95-4	PHENOL, 2,4,5-TRICHLORO-
SN1575000	88-06-2	PHENOL, 2,4,6-TRICHLORO-
SS7700000	108-45-2	M-PHENYLENEDIAMINE
SS7875000	95-54-5	O-PHENYLENEDIAMINE
SS8050000	106-50-3	P-PHENYLENEDIAMINE
ST1050000	99-98-9	P-PHENYLENEDIAMINE, N,N-DIMETHYL
ST2690000	615-05-4	M-PHENYLENEDIAMINE, 4-METHOXY-
SY5600000	75-44-5	PHOSGENE
SY7525000	7803-51-2	PHOSPHINE
SZ7100000	16672-87-0	PHOSPHONIC ACID, (2-CHLOROETHYL)-
TA0700000	52-68-6	PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL ESTER
TB0700000	327-98-0	PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL-, O-(2,4,5-TRICHLOROPHENYL) ESTER
TB1720000	21609-90-5	PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ESTER
TB1925000	2104-64-5	PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(P-NITROPHENYL) ESTER
TB4970000	10265-92-6	PHOSPHORAMIDOTHIOIC ACID, O,S-DIMETHYL ESTER
TB6300000	7664-38-2	PHOSPHORIC ACID
TB8750000	470-90-6	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,-DICHLOROPHENYL) VINYL DIETHYL ESTER
TB9100000	22248-79-9	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5,-TRICHLOROPHENYL) VINYL DIMETHYL ESTER
TB9450000	300-76-5	PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYLESTER
TC0350000	62-73-7	PHOSPHORIC ACID, 2,2-DICHLOROVINYL DIMETHYL ESTER
TC2800000	13171-21-6	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH 2-CHLORO-N,N-DIETHYL-3-HYDROXYCROTONAMIDE

RTECS RN	CAS RN	CHEMICAL NAME
TC3850000	141-66-2	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N, N-DIMETHYLCROTONAMIDE
TC4375000	6923-22-4	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N-METHYLCROTONAMIDE
TC8400000	115-86-6	PHOSPHORIC ACID, TRIPHENYL ESTER
TC9490000	7601-54-9	PHOSPHORIC ACID, TRISODIUM SALT
TD4025000	115-26-4	PHOSPHORODIAMIDIC FLUORIDE, TETRAMETHYL-
TD5175000	2310-17-0	PHOSPHORODITHIOIC ACID, S-((6-CHLORO-2-OXO-3(2H)-BENZOXAZOLYL)METHYL)O,O-DIETHYL ESTER
TD5250000	786-19-6	PHOSPHORODITHIOIC ACID, S-((P-CHLOROPHENYL)THIO)METHYL)O,O-DIETHYL ESTER
TD5600000	78-57-9	PHOSPHORODITHIOIC ACID, S-((4,6-DIAMINO-S-TRIAZIN-2-YL)METHYL)O,O-DIMETHYL ESTER
TD8400000	2642-71-9	PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER WITH 3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE
TD9275000	298-04-4	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER
TD9450000	298-02-2	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(ETHYLTHIO)METHYL ESTER
TE1050000	2540-82-1	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH N-FORMYL-2-MERCAPTO-N-METHYL-ACETAMIDE
TE1575000	919-76-6	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 2-MERCAPTO-N-(METHOXYETHYL) ACETAMIDE
TE1750000	60-51-5	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 2-MERCAPTO-N-METHYLACETAMIDE
TE1925000	86-50-0	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE
TE2100000	950-37-8	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 4-(MERCAPTOMETHYL)-2-METHOXY-DELTA(SUP2)-1,3,4-THIADIAZOLIN-5-ONE
TE2275000	732-11-6	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH N-(MERCAPTOMETHYL)PHTHALIMIDE
TE3350000	78-34-2	PHOSPHORODITHIOIC ACID, S,S'-P-DIOXANE-2,3-DIYL O,O,O',O'-TETRAETHYL ESTER
TE3850000	17109-49-8	PHOSPHORODITHIOIC ACID, O-ETHYL-S,S-DIPHENYL ESTER
TE4375000	640-15-3	PHOSPHORODITHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
TE4550000	563-12-2	PHOSPHORODITHIOIC ACID, S,S'-METHYLENE O,O,O',O'-TETRAETHYL ESTER
TE7000000	4824-78-6	PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYL ESTER
TE7175000	2104-96-3	PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL)O,O-DIETHYL ESTER
TF0350000	97-17-6	PHOSPHOROTHIOIC ACID, O-(2,4-DICHLOROPHENYL)-O,O-DIETHYL ESTER
TF0525000	78-53-5	PHOSPHOROTHIOIC ACID, S-(2-(DIETHYLAMINO)ETHYL) O,O-DIETHYL ESTER
TF1410000	29232-93-7	PHOSPHOROTHIOIC ACID, O-(2-(DIETHYLAMINO)-6-METHYL)4-PYRIDINYL) O,O-DIETHYL ESTER
TF1610000	23505-41-1	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL) ESTER
TF3150000	8065-48-3	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-(ETHYLTHIO)ETHYL) ESTER, MIXED WITH O,O-DIETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER 7:3
TF3325000	333-41-5	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-ISOPROPYL-6-METHYL-4-PYRIMIDINYL) ESTER

RTECS RN	CAS RN	CHEMICAL NAME
TF3850000	115-90-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(P-(METHYLSULFINYL)PHENYL) ESTER
TF4550000	56-38-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(P-NITROPHENYL) ESTER
TF6300000	2921-88-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(3,5,6-TRICHLORO-2-PYRIDYL) ESTER
TF6890000	3383-96-8	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O,O-DIESTER WITH 4,4'-THIODIPHENOL
TF7900000	2275-23-2	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER WITH 2-((2-MERCAPTOETHYL)THIO)-N-METHYLPROPIONAMIDE
TF8050000	1113-02-6	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER WITH 2-MERCAPTO-N-METHYLACETAMIDE
TF8350000	38260-54-7	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(6-ETHOXY-2-ETHYL-4-PYRIDIMIDINYL) ESTER
TF9625000	55-38-9	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-, O-(4-METHYLTHIO)-M-TOLYL) ESTER
TG0175000	298-00-0	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-, O-(P-NITROPHENYL) ESTER
TG0350000	122-14-5	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITRO-M-TOLYL) ESTER
TG0525000	299-84-3	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O(2,4,5-TRICHLOROPHENYL) ESTER
TG1750000	919-86-8	PHOSPHOROTHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
TH3500000	7723-14-0	PHOSPHORUS (WHITE)
TH7351000	132-67-2	PHTHALAMIC ACID, N-1-NAPHTHYL-, MONOSODIUM SALT
TH9990000	85-68-7	PHTHALIC ACID, BENZYL BUTYL ESTER
TI0350000	117-81-7	PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER
TI0875000	84-74-2	PHTHALIC ACID, DIBUTYL ESTER
TI1050000	84-66-2	PHTHALIC ACID, DIETHYL ESTER
TI1575000	131-11-3	PHTHALIC ACID, DIMETHYL ESTER
TI5685000	133-07-3	PHTHALIMIDE, N-((TRICHLOROMETHYL)THIO)-
TJ7525000	1918-02-1	PICOLINIC ACID, 4-AMINO-3,5,6-TRICHLORO-
TJ7875000	88-89-1	PICRIC ACID
TK9200000	26644-46-2	PIPERAZINE, 1,4-BIS(1-FORMAMIDO-2,2,2-TRICHLOROETHYL)-
TP4550000	78-00-2	PLUMBANE, TETRAETHYL-
TP4725000	75-74-1	PLUMBANE, TETRAMETHYL-
TQ1350000	1336-36-3	POLYCHLORINATED BIPHENYLS
TQ1356000	53469-21-9	POLYCHLORINATED BIPHENYL (AROCLOR 1242)
TQ1360000	11097-69-1	POLYCHLORINATED BIPHENYL (AROCLOR 1254)
TQ1362000	11096-82-5	POLYCHLORINATED BIPHENYL (AROCLOR 1260)
TQ1385000	12642-23-8	POLYCHLORINATED TRIPHENYL (AROCLOR 5442)
TQ1390000	11126-42-4	POLYCHLORINATED TRIPHENYL (AROCLOR 5460)
TQ3325000	9002-88-4	POLYETHYLENE
TR5250000	25322-69-4	POLYPROPYLENE GLYCOL
TX2275000	74-98-6	PROPANE
TX4900000	106-89-8	PROPANE, 1-CHLORO-2,3-EPOXY-
TX8750000	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE
TX9625000	78-87-5	PROPANE, 1,2-DICHLORO-
TZ2975000	75-56-9	PROPANE, 1,2-EPOXY-
TZ5250000	79-46-9	PROPANE, 2-NITRO-
UC7350000	107-05-1	PROPENE, 3-CHLORO-
UC8310000	542-75-6	PROPENE, 1,3-DICHLORO-
UE2275000	116-06-3	PROPIONALDEHYDE, 2-METHYL-2-(METHYLTHIO)-, O-(METHYLCARBAMOYL) OXIME
UE9750000	93-65-2	PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-
UF0690000	75-99-0	PROPIONIC ACID, 2,2-DICHLORO-
UF1225000	127-20-8	PROPIONIC ACID, 2,2-DICHLORO-, SODIUM SALT

RTECS RN	CAS RN	CHEMICAL NAME
UF1400000	136-25-4	PROPIONIC ACID, 2,2-DICHLORO-, 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER
UF9625000	107-12-0	PROPIONITRILE
UH8225000	71-23-8	PROPYL ALCOHOL
UR2450000	129-00-0	PYRENE
UR4200000	8003-34-7	PYRETHRUM
UR5950000	123-33-1	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
UR8400000	110-86-1	PYRIDINE
UX1050000	120-80-9	PYROCATECHOL
UX2800000	87-66-1	PYROGALLOL
UX5950000	152-16-9	PYROPHOSPHORAMIDE, OCTAMETHYL-
UX6825000	107-49-3	PYROPHOSPHORIC ACID, TETRAETHYL ESTER
VG9625000	108-46-3	RESORCINOL
VH1050000	101-90-6	RESORCINOL, DIGLYCIDYL-
VN8400000	50-65-7	SALICYLANILIDE, 2',5-DICHLORO-4'-NITRO
VO5075000	54-21-7	SALICYLIC ACID, MONOSODIUM SALT
VS6650000	13410-01-0	SELENIC ACID, DISODIUM SALT
VS7700000	7782-49-2	SELENIUM
VV7330000	14808-60-7	SILICA, CRYSTALLINE - QUARTZ
VW0525000	10026-04-7	SILICON CHLORIDE (SiCl ₄)
VW2327000	7783-61-1	SILICON FLUORIDE
WB0350000	7681-49-4	SODIUM FLUORIDE
WB0360000	7681-49-4	SODIUM FLUORIDE (SOLUTION)
WB4900000	1310-73-2	SODIUM HYDROXIDE
WC5600000	7631-99-4	SODIUM NITRATE
WH6650000	900-95-8	STANNANE, ACETOXYTRIPHENYL-
WH8575000	76-87-9	STANNANE, HYDROXYTRIPHENYL-
WK4375000	57-92-1	STREPTOMYCIN
WL2275000	57-24-9	STRYCHNINE
WL2550000	60-41-3	STRYCHNINE, SULFATE (2:1)
WL3675000	100-42-5	STYRENE
WL6475000	9003-53-6	STYRENE POLYMER
WM4900000	110-15-6	SUCCINIC ACID
WM8400000	121-75-5	SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, S-ESTER WITH O,O-DIMETHYL PHOSPHORODITHIOATE
WO5950000	5329-14-6	SULFAMIC ACID
WO8400000	63-74-1	SULFONAMIDE
WQ2975000	103-17-3	SULFIDE, P-CHLOROBENZYL P-CHLOROPHENYL
WR5850000	116-29-0	SULFONE, P-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL
WS4250000	7704-34-9	SULFUR
WS5600000	7664-93-9	SULFURIC ACID
WS8225000	77-78-1	SULFURIC ACID, DIMETHYL ESTER
WT2975000	140-57-8	SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER
WY2625000	13494-80-9	TELLURIUM
WZ1500000	1861-32-1	TEREPHTHALIC ACID, TETRACHLORO-, DIMETHYL ESTER
XF9900000	108-62-3	1,3,5,7-TETROXOCANE, 2,4,6,8-TETRAMETHYL-
XG3425000	7440-28-0	THALLIUM
XG4200000	7791-12-0	THALLIUM(I) CHLORIDE
XM5150000	7719-09-7	THIONYL CHLORIDE
XN4375000	3689-24-5	THIOPYROPHOSPHORIC ACID, TETRAETHYL ESTER
XP7320000	7440-31-5	TIN
XR2275000	13463-67-7	TITANIUM OXIDE
XS5250000	108-88-3	TOLUENE
XS8050000	51-03-6	TOLUENE, ALPHA-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-(METHYLENEDIOXY)-2-PROPYL-

RTECS RN	CAS RN	CHEMICAL NAME
XU4550000	1861-40-1	P-TOLUIDINE, N-BUTYL-N-ETHYL-ALPHA, ALPHA, ALPHA-TRIFLUORO-2,6-DINITRO-
XU5250000	3165-93-3	O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE
XU9275000	1582-09-8	P-TOLUIDINE, ALPHA, ALPHA, ALPHA-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-
XW5250000	8001-35-2	TOXAPHENE
XY5250000	122-34-9	S-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLAMINO)-
XY5600000	1912-24-9	S-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-
YO8400000	8006-64-2	TURPENTINE
YQ9100000	314-40-9	URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL-
YR6250000	57-13-6	UREA
YS3325000	3060-89-7	UREA, 3-(P-BROMOPHENYL)-1-METHOXY-1-METHYL-
YS6125000	1982-47-4	UREA, 3-(P-(P-CHLOROPHENOXY)PHENYL)-1,1-DIMETHYL-
YS6200000	35367-38-5	UREA, 1-(P-CHLOROPHENYL)-3-(2,6-DIFLUOROBENZOYL)-
YS6300000	150-68-5	UREA, 3-(P-CHLOROPHENYL)-1,1-DIMETHYL-
YS6425000	1746-81-2	UREA, 3-(P-CHLOROPHENYL)-1-METHOXY-1-METHYL-
YS8925000	330-54-1	UREA, 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYL-
YS9100000	330-55-2	UREA, 3-(3,4-DICHLOROPHENYL)-1-METHOXY-1-METHYL-
YT1450000	101-42-8	UREA, 1,1-DIMETHYL-3-PHENYL-
YT4550000	2163-79-3	UREA, 3-(HEXAHYDRO-4,7-METHANOINDAN-5-YL)1,1-DIMETHYL-
YT7350000	1982-49-6	UREA, 1-(2-METHYLCYCLOHEXYL)-3-PHENYL-
YT9275000	86-88-4	UREA, 1-(1-NAPHTHYL)-2-THIO
YV3600000	110-62-3	VALERALDEHYDE
ZB3200000	8018-01-7	DITHANE M-45
ZE2275000	108-38-3	M-XYLENE
ZE2450000	95-47-6	O-XYLENE
ZE2625000	106-42-3	P-XYLENE
ZE8575000	1300-73-8	XYLIDINE
ZG8600000	7440-66-6	ZINC
ZH0525000	137-30-4	ZINC, BIS(DIMETHYLDITHIOCARBAMATO)-
ZH1400000	7646-85-7	ZINC CHLORIDE
ZH1575000	557-21-1	ZINC CYANIDE
ZH3325000	12122-67-7	ZINC, (ETHYLENEBIS(DITHIOCARBAMATO))-
ZH4810000	1314-13-2	ZINC OXIDE
ZH4950000	12071-83-9	ZINC (N,N'-PROPYLENE-1,2-BIS(DITHIOCARBAMATE))
ZH9100000	14644-61-2	ZIRCONIUM(IV) SULFATE (1:2)

IRPTC
Data Profile Series
No. 7

IRPTC LEGAL FILE 1986

Volume I



INTERNATIONAL REGISTER OF POTENTIALLY TOXIC CHEMICALS
UNITED NATIONS ENVIRONMENT PROGRAMME

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1987

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1. INTRODUCTION

Data profiles for chemicals provide the information necessary in order to evaluate the potential hazard of a chemical to the health of man and his environment, or they may indicate the absence of such information in available literature. They are prepared mainly for the use of those people who are responsible for the protection of human health and the environment from noxious effects of chemicals.

In 1980, the International Register of Potentially Toxic Chemicals published information contained in its legal file in a document entitled "Legal Data Profiles for Selected Chemicals". This endeavour was considered by IRPTC to be a priority project in discharging the tasks assigned to it by the Governing Council of the United Nations Environment Programme (UNEP), which requested the Executive Director to give priority to "providing countries with information on legal administrative limitations, bans and regulations placed on potentially toxic chemicals in the producing countries".

It was considered appropriate to update the information compiled in 1980 and to include data from more countries and covering all the chemicals in the IRPTC working list of selected chemical substances. In 1983, IRPTC published its Data Profile Series No. 4 entitled 'IRPTC Legal File 1983'.

The list has been further expanded and now contains approximately 550 chemicals (section 4 of this document). The data presented in this publication have been collected from twelve countries and six international organizations for which easy access to relevant information sources was available. Section 2 describes the data compilation operation together with the format used for presentation of data.

The user of the IRPTC legal file must be aware that regulatory decisions about chemicals taken in a certain country can only be fully understood within the framework of the national legislation of that country. The socio-economic characteristics of each country, the stage of industrial and agricultural development, climatic conditions, and food habits, are some of the factors which may influence the type of decisions taken to control chemicals and may account for differences in the legislation of different countries.

Although the suggestion was made several times, IRPTC cannot envisage supplying its users with a descriptive summary of the rationale behind the reported national legislative actions, because of the workload it would create and the resources needed. Also, governments are not always obliged, under their national constitutions, to publish such information. However, it would be of great interest to the readers of the legal file if an overview could be presented regarding the general approach adopted by a country in controlling and regulating chemicals. Some IRPTC National Correspondents kindly volunteered to prepare such reviews, which are included in section 5.

Although data were collected for all the chemicals cited in the regulatory texts studied, this publication only refers to the chemicals of the IRPTC working list. The entire legal file can be interrogated by sending queries to the IRPTC query/response service.

Data extraction was evidently carried out to the best of IRPTC's capabilities. However, a specific chemical may be subject to more regulations than those cited in this document because it was not possible for IRPTC to obtain all existing rules and regulations, and some texts may have escaped our attention. Admittedly, some of the most recent 1986 regulations and amendments may not have been included as data collection was terminated in August 1986. There may also be inaccuracies which have not been identified and corrected when checking and proofreading the data.

The legal file as it is presented in section 6 could not have been compiled without the assistance of the respective National Correspondents. Their cooperation and support was invaluable and is fully appreciated.

National Correspondents :

Argentina	- Departamento Efectos del Medio Ambiente
Brazil	- Secretaria Especial do Meio Ambiente
Czechoslovakia	- Czechoslovak Centre for the Environment
FRG	- (1) Umweltbundesamt
	- (2) Bundesgesundheitsamt
India	- (1) Department of Environment Planning
	- (2) Industrial Toxicology Research Centre
Japan	- National Institute of Hygienic Sciences
Kenya	- Kenya National Environment Secretariat
Mexico	- Departamento de Valoración de Productos Químico-Toxicos
Sweden	- National Chemicals Inspectorate
UK	- Central Directorate on Environmental Pollution
USA	- Environmental Protection Agency
USSR	- Soviet Toxicological Centre

Comments on the content of the document are most welcome. They should be sent to : The Director, IRPTC/UNEP, Palais des Nations, 1211 Geneva 10, Switzerland.

2. READING INSTRUCTIONS

This Register file is concerned with national and international recommendations and legal mechanisms related to control of a substance in various media, such as air, water and drinking water, wastes, soil and sediments, animal and plant tissues, food and beverages, consumer goods (including cosmetics and toiletries), as well as to its uses and transport. The information contained in this file enables rapid access to the regulatory control mechanisms of many nations and to international recommendations for safe handling and use of chemicals.

A record in this Register file may include the following data fields:

- RTECS Registry Number
- common name of the chemical
- geographical area or organization
- type of mechanism
- subject of mechanism with specifications
- description of mechanism
- levels with specified analytical method and remarks
- effective date (date when control mechanism took, or will take effect)
- date of entry into the IRPTC register or last update
- reference

Below is an example of a typical record:

AREA	TYPE	SUBJECT	DESCR- IPTOR	LEVELS/REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCE
DEU	REG	FOOD ANI	MRL	0.01-0.05MG/KG	29APR1984	JUN1986	BGBL*, IS.635,635,1984

DEU = Federal Republic of Germany
 REG = regulation
 FOOD ANI = food from animal origin
 MRL = maximum residue limit
 0.01-0.05MG/KG = range of values
 29APR1984 = 29 April 1984
 JUN1986 = June 1986
 BGBL* = Bundesgesetzblatt
 IS.635,635,1984 = volume IS.635, page 635, 1984

TO ACCESS THE DATA IN SECTION 6:

- First identify the RTECS number of the chemical by consulting the list of chemicals in section 4.
- Then use that RTECS number in section 6 where the chemicals are listed according to their RTECS numbers.

Geographical Area or Organization

This file contains Regulations and Recommendations set by some countries and international organizations as indicated below. The records for this file are presented in the alphabetical order of the countries and organizations.

ARG = Argentina
 BRA = Brazil
 CSK = Czechoslovakia
 DEU = Germany, Federal Republic of
 GBR = United Kingdom
 IND = India
 JPN = Japan
 KEN = Kenya
 MEX = Mexico
 SUN = Union of Soviet Socialist Republics
 SWE = Sweden
 USA = United States of America

CMEA = Council for Mutual Economic Assistance
 EEC = European Economic Community
 FAO = Food and Agriculture Organization of the United Nations
 IMO = International Maritime Organization
 UN = United Nations
 WHO = World Health Organization

Type of Legislative Mechanism

REC = recommendations and guidelines which are not legally binding
 REG = regulations and standards which are legally binding

Subject of the Legislative Mechanism

The following categories are used to describe the subject controlled. If the subject does not fit any of these categories, a free-text description is entered.

AIR = air
 AQ = water
 CLASS = classification
 FEED = feed, e.g. acceptable concentrations in
 FOOD = food, e.g. acceptable concentrations in
 GOODS = consumer goods
 RMV = removal
 SED = sediment
 SOIL = soil
 WASTE = waste

EXPRT = export
 IMPRT = import
 LABEL = labelling
 MANUF = manufacturing and production
 PACK = packing
 SALE = sale, marketing
 STORE = storage
 TRNSP = transport
 USE = use and handling, e.g. restrictions on

 OCC = occupational environment

Specifications

AGRIC	=	agricultural
AMBI	=	ambient (environmental)
ANI	=	animal
DRINK	=	drinking, e.g. drinking water standards
EMI	=	emissions (requirements for discharge in water, air, soil or sediment)
FRESH	=	fresh
FUEL	=	fuel
GRND	=	ground
HUMAN	=	human
IMI	=	immissions (standards for water, air, soil or sediment quality)
INDST	=	industrial
MARIN	=	marine
OCC	=	occupational, e.g. occupational air standards
PART	=	particulate
PLANT	=	plant, higher
RMV	=	removal
SEL	=	selected
SEW	=	sewage, domestic or industrial
SLUDG	=	activated sludge
SURF	=	surface
TISS	=	tissue, e.g. acceptable concentrations for humans, tolerable tissue concentrations in plants and animals
WASTE	=	waste

Description of Mechanism

The following abbreviations are used to describe how the subject is controlled:

CLASS	=	classification
IDLH	=	immediately dangerous to life and health
PRMT	=	permitted
PRO	=	prohibition
RQR	=	requirement (legal or recommended imposition)
RSTR	=	restriction
WARN	=	warning
ADI	=	acceptable daily intake
AL	=	acceptable or tolerable limit
ARL	=	acceptable or tolerable residue limit
AWI	=	acceptable or tolerable weekly intake
BAT	=	biological tolerance values for working materials (Biologische Arbeitsstofftoleranzgrenze) - maximum permissible quantity of a chemical, its metabolites, or any deviation from the norm of biological parameters induced by such substances in exposed humans
BEI	=	biological exposure indices
CNTRL	=	control limit
ERL	=	extraneous residue limit
GL	=	guideline level
HARMQ	=	harmful quantity
HLV	=	hygienic limit value
MAC	=	maximum allowable concentration
MAK	=	maximum worksite concentration (Maximale Arbeitsplatz-Konzentration)
MIL	=	minimum limit
MIPL	=	minimum permissible limit
MPC	=	maximum permissible concentration
MRL	=	maximum residue limit

MTC	=	maximum tolerable or acceptable concentration
MXL	=	maximum limit
PEL	=	permissible exposure limit
PL	=	permissible or allowable limit
PSL	=	preliminary safety level
RECL	=	recommended limit
TLV	=	threshold limit value
TRK	=	technical reference concentration (Technische Richtkonzentration)

Levels with Specified Analytical Method and Remarks

All units are entered as reported with metric units in parentheses following other units for the purpose of comparison. If any clarification of the levels is needed, the following terms are also entered, using the abbreviations shown:

CLV	=	ceiling value
STEL	=	short-term exposure limit
TWA	=	time-weighted average

Maximum residue limits in food products are only listed when recommended by international organizations. National limits are not listed systematically but ranges from lowest to highest values are reported, e.g. PLANT(SPECIFIED) 1.0-10.0 MG/KG. Limits of general application or relating to all food products are indicated by adding "(GENERAL)" or "(ALL)" before the relevant values.

Analytical methods

When a particular analytical method is specified in the regulation, it is entered using the following abbreviations:

AA	=	activation analysis
AAS	=	atomic absorption spectroscopy
ASV	=	anodic stripping voltametry
BAM	=	bioassay method
EP	=	electrophoresis
ET	=	electrometric titrations
FS	=	fluorescence spectrophotometry
GC	=	gas chromatography
GC-AFID	=	gc coupled with alkali flame ionization detection
GC-ECD	=	gc coupled with electron-capture detection
GC-FID	=	gc coupled with flame ionization detection
GC-FPD	=	gc coupled with flame photometric detection
GC-MCD	=	gc coupled with microcoulometric detection
GC-MS	=	gc coupled with mass spectrometry
GC-TCD	=	gc coupled with thermal conductivity detection
GPC	=	gel permeation chromatography
HPLC	=	high pressure liquid chromatography
IR	=	infrared spectrophotometry
MAS	=	molecular absorption spectrometry
MS	=	mass spectrometry
NMR	=	nuclear magnetic resonance spectrometry
OES	=	optical emission spectrometry
POLG	=	polarography
RAD	=	radiochemical method
TLC	=	thin layer chromatography
UV	=	ultraviolet spectrophotometry
VIS	=	visible spectrophotometry
XE	=	X-ray emission
XF	=	X-ray fluorescence
XRD	=	X-ray diffraction

Effective Date

The effective date is the date when the control mechanisms took (or will take) effect. The day, month and year are entered in that order, e.g. 02FEB1979.

Months are abbreviated as follows:

JAN = January
FEB = February
MCH = March
APR = April
MAY = May
JUN = June
JUL = July
AUG = August
SEP = September
OCT = October
NOV = November
DEC = December

Date of Register Entry or Update

The IRPTC Register entry date follows the effective date, e.g. SEP1979. This entry is changed whenever the data record is updated or checked by the IRPTC to ensure its accuracy.

Reference

The final entry of a record is the reference from which the information was extracted. All references are given a unique six-letter code which identifies the original publications. When available, the codes, prepared by the United States Chemical Abstracts Service, called CODENS, are used. They are based on the Chemical Abstracts Service Source Index, 1907-1986 Cumulative and Supplements, American Chemical Abstracts Service, p.o. Box 3012, Columbus, Ohio, 43210, USA. When no CODEN can be found for a particular reference, the IRPTC prepares a "pseudocoden" which is identified as such by the inclusion of at least one asterisk in the six-letter code. The references with their codens or pseudo-codens are listed in section 3.

Data selection

Regulations and recommendations from the countries and organizations listed under Geographical Area or Organization are the only data included. At the present time there are no other data selection criteria. All legal mechanisms concerning the chemicals in the legal file are entered.

CODENS	REFERENCES	IRPTC
ACGIH*	AMERICAN CONFERENCE OF GOVERNMENT INDUSTRIAL HYGIENISTS POB 1937 CINCINNATI OHIO 45201 USA	
ADEC**	ARGENTINIAN LEGISLATION, DECRETO. ARGENTINA	
ADECA*	ARGENTINIAN LEGISLATION, DECRETO. MINIST. AGRICULTURA Y GANADERIA NACIONAL ARGENTINA	
ADECG*	ARGENTINIAN LEGISLATION, DECRETO. SECR. AGRICULTURA Y GANADERIA NACIONAL ARGENTINA	
ADECP*	ARGENTINIAN LEGISLATION, DECRETO. MINIST. ECONOMIA NACIONAL PODER EJECUTIVO NACIONAL ARGENTINA	
ADECS*	ARGENTINIAN LEGISLATION, DECRETO. MINIST. AGRICULTURA Y GANADERIA NACIONAL SERV. NAC. DE SANIDAD VEG. ARGENTINA	
ADECT*	ARGENTINIAN LEGISLATION, DECRETO. MINIST. TRABAJO NAC. PODER EJECUTIVO NACIONAL ARGENTINA	
ADISS*	ARGENTINIAN LEGISLATION, DISPOSICION. MINIST. AGRICULTURA Y GANADERIA NACIONAL SERV. NAC. DE SANIDAD VEG. ARGENTINA	
AFS***	ARBETARSKYDDSSTYRELSSENS FOERFATTNINGSSAMLING ARBETARSKYDDSSTYRELSEN LIBER FOERLAG, 16289 STOCKHOLM SOLNA 171 84 SWEDEN	
AHEM***	ACTA HYGIENICA, EPIDEMIOLOGICA ET MICROBIOLOGICA INSTITUT HYGIENY A EPIDEMIOLOGIE SROBAROVA 48 PRAHA 10 CZECHOSLOVAKIA	
ALEYA*	ARGENTINIAN LEGISLATION. LEY. MINIST. AGRICULTURA Y GANADERIA NACIONAL ARGENTINA	

CODENS

REFERENCES

IRPTC

-
- ALEYE* ARGENTINIAN LEGISLATION. LEY.
MINIST. ECONOMIA NACIONAL
ARGENTINA
- ALEYP* ARGENTINIAN LEGISLATION. LEY.
MINIST. ECONOMIA NACIONAL
PODER EJECUTIVO NACIONAL
ARGENTINA
- ALEYT* ARGENTINIAN LEGISLATION, LEY.
MINIST. TRABAJO. NAC.
PODER EJECUTIVO NACIONAL
ARGENTINA
- ANOMI* ARGENTINIAN LEGISLATION, NORMA.
IRAM-SEPLAFAM
ARGENTINA
- AOHGN* APPROVED OCCUPATIONAL HEALTH GUIDE THRESHOLD LIMIT VALUES
NATIONAL HEALTH AND MEDICAL RESEARCH COUNCIL, COMMONWEALTH
DEPT. OF HEALTH
P.O. BOX 100
WODEN
A.C.T.
2606
AUSTRALIA
- AORDM* ARGENTINIAN LEGISLATION, ORDENANZA.
MCBA
ARGENTINA
- APFG** APPROVED PRODUCTS FOR FARMERS AND GROWERS
1983
MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
HER MAJESTY'S STATIONERY OFFICE
49 HIGH HOLBORN
LONDON
WC1V 6HB
GBR
- ARES** ARGENTINIAN LEGISLATION, RESOLUCION.
ARGENTINA
- ARESA* ARGENTINIAN LEGISLATION, RESOLUCION.
MINIST. AGRICULTURA Y GANADERIA NACIONAL
ARGENTINA
- ARESD* ARGENTINIAN LEGISLATION, RESOLUCION.
MINIST. AGRICULTURA Y GANADERIA NACIONAL
DIREC. NAC. SANIDAD VEG.
ARGENTINA
- BGBL** BUNDESGESETZBLATT
BONN
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MINISTERSTVO ZDRAVOOKHRANENIYA SSSR
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MINISTERSTVO ZDRAVOOKHRANENIYA SSSR
MOSCOW
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4. LIST OF CHEMICALS

Two lists of chemicals are given hereafter, each in alphabetical order. The first one shows the common names; the second shows the chemical names. Each chemical is identified by its CAS RN (Chemical Abstracts Service Registry Number) and its RTECS RN (Registry of Toxic Effects of Chemical Substances Registry Number). The RTECS RNs vary directly with the alphabetical sequence of the chemical names; these are the inverted names used by the American Chemical Society's Chemical Abstracts Service in the 8th Collective Index (8CI) of the Chemical Abstracts. An index of the RTECS RN corresponding to the respective CAS RN is also given in this section.

When regulations concern generic groups of chemicals, IRPTC has not identified the specific chemicals to which the regulation applies (frequently such an identification is not made in the national texts). Such data have been entered using the name of the most appropriate chemical or group of chemicals for which IRPTC has found an RTECS or CAS RN, with a comment. Therefore the user should not only search the system for the specific chemical that interests him, but also for any group to which that chemical might belong.

Some examples are given hereunder :

(a) If the regulation states "phosphates" the data are entered under phosphates and phosphoric acid, with a comment stating that the regulation applies to phosphates.

(b) If a regulation states "xylene", the data are entered under xylene only but if the regulation states "xylenes" in the plural or "xylene isomers" the data are entered for all xylene isomers as well.

(c) Information on a specific 2,4-D ester or on a specific methylmercury compound should also be searched under 2,4-D and under Mercury respectively. As suggested in (a) above, there might also be information which applies to groups such as 2,4-D esters or organic mercury compounds.

Furthermore, when a regulation only states a generic group such as "pesticides", "surfactants", "hazardous waste", "hazardous chemicals", etc. without mentioning which chemicals are included in this group, the data are not entered. Nor are they entered when the pertinent hazardous chemicals are said to be listed in another regulation. Data from this latter regulation will be found elsewhere.

TO ACCESS THE DATA IN SECTION 6:

- First identify the RTECS number of the chemical by consulting the list of chemicals in section 4.

- Then use that RTECS number in section 6 where the chemicals are listed according to their RTECS numbers.

RTECS RN	CAS RN	COMMON NAME
TF6890000	3383-96-8	ABATE
AB1925000	75-07-0	ACETALDEHYDE
AD7350000	103-84-4	ACETANILIDE
AF1225000	64-19-7	ACETIC ACID
AH5425000	141-78-6	ACETIC ACID, ETHYL ESTER
AL3150000	67-64-1	ACETONE
AL7700000	75-05-8	ACETONITRILE
AO5955000	506-96-7	ACETYL BROMIDE
AO9600000	74-86-2	ACETYLENE
KI8575000	79-34-5	ACETYLENE TETRACHLORIDE
FF9100000	973-21-7	ACREX
AR7175000	260-94-6	ACRIDINE
AS1050000	107-02-8	ACROLEIN
AS3325000	79-06-1	ACRYLAMIDE
AS4375000	79-10-7	ACRYLIC ACID
AT0700000	140-88-5	ACRYLIC ACID, ETHYL ESTER
AT5250000	107-13-1	ACRYLONITRILE
AU8400000	124-04-9	ADIPIC ACID
AW5950000	1402-68-2	AFLATOXIN
GY1925000	1162-65-8	AFLATOXIN B1
GY1722000	7220-81-7	AFLATOXIN B2
LV1720000	1165-39-5	AFLATOXIN G1
LV1700000	7241-98-7	AFLATOXIN G2
GY1880000	6795-23-9	AFLATOXIN M1
GY1720000	6885-57-0	AFLATOXIN M2
AE1225000	15972-60-8	ALACHLOR
UE2275000	116-06-3	ALDICARB
IO2100000	309-00-2	ALDRIN
DB4550000	68411-30-3	ALKYL BENZENE SULFONIC ACID, SODIUM SALT
DB4370000	42615-29-2	ALKYLBENZENESULFONIC ACID
GZ1925000	584-79-2	ALLETHRIN
BA5075000	107-18-6	ALLYL ALCOHOL
UC7350000	107-05-1	ALLYL CHLORIDE
GV3500000	319-84-6	ALPHA-HCH
YT9275000	86-88-4	ALPHA-NAPHTHYL THIOUREA; ANTU
KJ2975000	71-55-6	ALPHA-TRICHLOROETHANE
BD0330000	7429-90-5	ALUMINIUM
BD0525000	7446-70-0	ALUMINIUM CHLORIDE
BD0940000	21645-51-2	ALUMINIUM HYDROXIDE
BD1400000	20859-73-8	ALUMINIUM PHOSPHIDE
BD0330000	7429-90-5	ALUMINUM
DG1925000	133-90-4	AMIBEN
TE1575000	919-76-6	AMIDITHION
WO5950000	5329-14-6	AMIDO SULFONIC ACID
DU8925000	92-67-1	AMINO-4-DIPHENYL
FC0175000	2032-59-9	AMINOCARB
TF0525000	78-53-5	AMITON
BQ9625000	1336-21-6	AMMONIA SOLUTIONS
BP4550000	12125-02-9	AMMONIUM CHLORIDE
BS4500000	7783-20-2	AMMONIUM HYDROGEN SULFATE
BQ9625000	1336-21-6	AMMONIUM HYDROXIDE
BR9050000	6484-52-2	AMMONIUM NITRATE
SE0350000	7727-54-0	AMMONIUM PERSULFATE
BS4500000	7783-20-2	AMMONIUM SULFATE
EM7650000	513-35-9	AMYLENE

RTECS RN	CAS RN	COMMON NAME
BW6650000	62-53-3	ANILINE
CA9350000	120-12-7	ANTHRACENE
CC4025000	7440-36-0	ANTIMONY
TE1050000	2540-82-1	ANTIO
YT9275000	86-88-4	ANTU
WT2975000	140-57-8	ARAMITE
YS6425000	1746-81-2	ARESIN
TQ1350000	11104-28-2	AROCLOR 1221
TQ1356000	53469-21-9	AROCLOR 1242
TQ1360000	11097-69-1	AROCLOR 1254
TQ1362000	11096-82-5	AROCLOR 1260
TQ1385000	12642-23-8	AROCLOR 5442
TQ1390000	11126-42-4	AROCLOR 5460
		AROMATIC HYDROCARBONS
CG0700000	7778-39-4	ARSENATES
CG0525000	7440-38-2	ARSENIC
CG3325000	1327-53-3	ARSENIC (III) OXIDE
CG2275000	1303-28-2	ARSENIC (V) OXIDE
CG0700000	7778-39-4	ARSENIC ACID
CG0830000	7778-44-1	ARSENIC ACID, CALCIUM SALT
CG0875000	7778-43-0	ARSENIC ACID, DISODIUM SALT
CG0900000	10048-95-0	ARSENIC ACID, DISODIUM SALT HEPTA HYDRATE
CG1000000	7645-25-2	ARSENIC ACID, LEAD SALT
CG0980000	7784-40-9	ARSENIC ACID, LEAD SALT (1:1)
CG6475000	7784-42-1	ARSENIC HYDRIDE
CG2275000	1303-28-2	ARSENIC PENTOXIDE
CG3325000	1327-53-3	ARSENIC TRIOXIDE
CG3675000	7784-46-5	ARSENIUS ACID, MONOSODIUM SALT
CG3325000	1327-53-3	ARSENITES
CG6475000	7784-42-1	ARSINE
CI6475000	1332-21-4	ASBESTOS
CI9900000	8052-42-4	ASPHALT
XY5600000	1912-24-9	ATRAZINE
EZ8225000	2303-16-4	AVADEX
TD8400000	2642-71-9	AZINPHOS-ETHYL
TE1925000	86-50-0	AZINPHOS-METHYL
TC4375000	6923-22-4	AZODRIN; MONOCROTOPHOS
QM2100000	91-59-8	B-NAPHTHYLAMINE
CQ8600000	513-77-9	BARIUM CARBONATE
FN9770000	13477-00-4	BARIUM CHLORATE
CQ8750000	10361-37-2	BARIUM CHLORIDE
CQ9625000	10022-31-8	BARIUM NITRATE
TF3325000	333-41-5	BASUDIN
FC3150000	114-26-1	BAYGON; PROPOXUR
TF9625000	55-38-9	BAYTEX
FC1140000	22781-23-3	BENDIOCARB
XU4550000	1861-40-1	BENFLURALIN
DD6475000	17804-35-2	BENOMYL
CV9275000	56-55-3	BENZ(A)ANTHRACENE
CU4375000	100-52-7	BENZALDEHYDE
CY1400000	71-43-2	BENZENE
DB4200000	98-11-3	BENZENE SULFONIC ACID
DC0525000	108-98-5	BENZENETHIOL
DC9625000	92-87-5	BENZIDINE
DJ3675000	50-32-8	BENZO(A)PYRENE

RTECS RN	CAS RN	COMMON NAME
DG0875000	65-85-0	BENZOIC ACID
CY1400000	71-43-2	BENZOL
DK2625000	106-51-4	BENZOQUINONE
TH9990000	85-68-7	BENZYL BUTYL PHTHALATE
DS1750000	7440-41-7	BERYLLIUM
QJ2275000	91-58-7	BETA-CHLORONAPHTHALENE
EI9625000	126-99-8	BETA-CHLOROPRENE
QM2100000	91-59-8	BETA-NAPHTHYLAMINE
TC3850000	141-66-2	BIDRIN; DICROTOPHOS
GQ5600000	485-31-4	BINAPACRYL
GZ1950000	584-79-2	BIOALLETHRIN
DU8050000	92-52-4	BIPHENYL
KN1750000	108-60-1	BIS(CHLOROMETHYL ETHYL)ETHER
KN1575000	542-88-1	BIS(CHLOROMETHYL) ETHER
TD4025000	115-26-4	BIS(DIMETHYLAMINO)FLUOROPHOSPHINE OXIDE
KN1750000	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
TI0350000	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE
CI9900000	8052-42-4	BITUMEN
YQ9100000	314-40-9	BROMACIL
	24959-67-9	BROMIDES
EF9100000	7726-95-6	BROMINE
PB5600000	75-25-2	BROMOFORM
TE7175000	2104-96-3	BROMOFOS
TE7000000	4824-78-6	BROMOFOS-ETHYL; ETHYL BROMOPHOS
PA4900000	74-83-9	BROMOMETHANE
TE7175000	2104-96-3	BROMOPHOS
TE7000000	4824-78-6	BROMOPHOS ETHYL
TE7175000	2104-96-3	BROMOPHOS-METHYL
EI9275000	106-99-0	BUTADIENE
EO1400000	71-36-3	BUTAN-1-OL
EO1750000	78-92-2	BUTAN-2-OL
EL6475000	78-93-3	BUTAN-2-ONE
EO1400000	71-36-3	BUTANOL
EL6475000	78-93-3	BUTANONE
EO1400000	71-36-3	BUTYL ALCOHOL
TH9990000	85-68-7	BUTYL BENZYL PHTALATE
KJ8575000	111-76-2	BUTYL CELLOSOLVE
BD0330000	7429-90-5	C. I. 77000
FF5250000	7440-44-0	C. I. 77266
GL5325000	7440-50-8	C. I. 77400
XR2275000	13463-67-7	C. I. 77891; TITANIUM DIOXIDE
ZH4810000	1314-13-2	C. I. 77947
CH7525000	75-60-5	CACODYLIC ACID
EU9800000	7440-43-9	CADMIUM
EU9810000	543-90-8	CADMIUM ACETATE
EV0175000	10108-64-2	CADMIUM CHLORIDE
EV0260000		CADMIUM COMPOUNDS
EV1925000	1306-19-0	CADMIUM OXIDE
EV2700000	10124-36-4	CADMIUM SULFATE
CG0830000	7778-44-1	CALCIUM ARSENATE
GB2750000	13765-19-0	CALCIUM CHROMATE
GB2800000	8012-75-7	CALCIUM CHROMATE, DIHYDRATE
EW0700000	592-01-8	CALCIUM CYANIDE
EW3100000	1305-78-8	CALCIUM OXIDE
XW5250000	8001-35-2	CAMPHECHLOR

RTECS RN	CAS RN	COMMON NAME
CM3675000	105-60-2	CAPROLACTAM
GW4900000	2425-06-1	CAPTAFOL
GW5075000	133-06-2	CAPTAN
FC5950000	63-25-2	CARBARYL
DD6500000	10605-21-7	CARBENDAZIM
FB9450000	1563-66-2	CARBOFURAN
SJ3325000	108-95-2	CARBOLIC ACID
FF5250000	7440-44-0	CARBON
FF5800000	1333-86-4	CARBON BLACK
FF6400000	124-38-9	CARBON DIOXIDE
FF6650000	75-15-0	CARBON DISULFIDE
FG3500000	630-08-0	CARBON MONOXIDE
FG4900000	56-23-5	CARBON TETRACHLORIDE
FF6400000	124-38-9	CARBONIC ANHYDRIDE
SY5600000	75-44-5	CARBONYL CHLORIDE
TD5250000	786-19-6	CARBOPHENOTHION
WM8400000	121-75-5	CARBOPHOS
RP4550000	5234-68-4	CARBOXIN
UX1050000	120-80-9	CATECHOL
WB4900000	1310-73-2	CAUSTIC SODA
KK8050000	110-80-5	CELLOSOLVE
DG1925000	133-90-4	CHLORAMBEN
WQ2975000	103-17-3	CHLORBENSIDE
PB9800000	57-74-9	CHLORDANE
PC8575000	143-50-0	CHLORDECONE
PA6390000	75-45-6	CHLORDIFLUOROMETHANE
LQ4375000	6164-98-3	CHLORDIMEFORM
DC7875000	80-06-8	CHLORFENETHOL
TB8750000	470-90-6	CHLORFENVINPHOS
TQ1350000	1336-36-3	CHLORINATED BIPHENYL
TQ1356000	53469-21-9	CHLORINATED BIPHENYLS (42% CHLORINE)
TQ1360000	11097-69-1	CHLORINATED BIPHENYLS (54% CHLORINE)
XW5250000	8001-35-2	CHLORINATED CAMPHENE
QJ2100000	90-13-1	CHLORINATED NAPHTHALENES
BP5250000	999-81-5	CHLORMEQUAT
XY5250000	122-34-9	CHLORO BIS(ETHYLAMINO) TRIAZINE
FD8050000	101-21-3	CHLORO-IPC
CZ0175000	108-90-7	CHLOROBENZENE
DD2275000	510-15-6	CHLOROBENZILATE
BP5250000	999-81-5	CHLOROCHOLINE CHLORIDE
PA6390000	75-45-6	CHLORODIFLUOROMETHANE
TQ1356000	53469-21-9	CHLORODIPHENYL (42% CHLORINE)
TQ1360000	11097-69-1	CHLORODIPHENYL (54% CHLORINE)
KH7525000	75-00-3	CHLOROETHANE
KU9625000	75-01-4	CHLOROETHYLENE
FS9100000	67-66-3	CHLOROFORM
KN6650000	107-30-2	CHLOROMETHYL METHYL ETHER
NK5335000	3691-35-8	CHLOROPHACINONE
SK2625000	95-57-8	CHLOROPHENOL
TA0700000	52-68-6	CHLOROPHOS
PB6300000	76-06-2	CHLOROPICRIN
EI9625000	126-99-8	CHLOROPRENE
FD8050000	101-21-3	CHLOROPROPHAM
NT2600000	1897-45-6	CHLOROTHALONIL
CV3850000	1918-13-4	CHLOROTHIAMIDE

RTECS RN	CAS RN	COMMON NAME
YS6125000	1982-47-4	CHLOROXYURON
LQ4375000	6164-98-3	CHLORPHENAMIDINE
TB8750000	470-90-6	CHLORPHENVINPHOS
FD8050000	101-21-3	CHLORPROPHAM
TF6300000	2921-88-2	CHLORPYRIFOS
WZ1500000	1861-32-1	CHLORTHAL
CV3850000	1918-13-4	CHLORTHIAMID
GB2750000	13765-19-0	CHROMATE, CALCIUM SALT
GB2800000	8012-75-7	CHROMATE, CALCIUM SALT DIHYDRATE
GB2940000	7789-00-6	CHROMATE, POTASSIUM SALT
GB2955000	7775-11-3	CHROMATE, SODIUM SALT
GB2450000	7738-94-5	CHROMIC ACID
GB6650000	1333-82-0	CHROMIC TRIOXIDE
GB4200000	7440-47-3	CHROMIUM
GB5450000	10060-12-5	CHROMIUM (III) CHLORIDE, HEXAHYDRATE
GB6262000	18540-29-9	CHROMIUM (VI+)
GB6280000	13548-38-4	CHROMIUM NITRATE
GB6650000	1333-82-0	CHROMIUM TRIOXIDE
GB6262000	18540-29-9	CHROMIUM VI
GB6650000	1333-82-0	CHROMIUM(VI) OXIDE
AI7875000	2597-03-7	CIDIAL
FD8050000	101-21-3	CIPC
GF8615000	8001-58-9	COAL TAR OILS
GF8750000	7440-48-4	COBALT
GL5325000	7440-50-8	COPPER
GL8050000	1317-39-1	COPPER (I) OXIDE
GL8800000	7758-98-7	COPPER (II) SULFATE
GL8900000	7758-99-8	COPPER (II) SULFATE PENTAHYDRATE
GL5900000	16102-92-4	COPPER ARSENATE (BASIC)
GL7150000	544-92-3	COPPER CYANIDE
QK9100000	1338-02-9	COPPER NAPHTHENATE
GL7020000	1332-40-7	COPPER OXYCHLORIDE
GL8900000	7758-99-8	COPPER SULFATE
GL8800000	7758-98-7	COPPER SULFATE, ANHYDROUS
GL8900000	7758-99-8	COPPER SULFATE, PENTAHYDRATE
GN2275000		COTTON (DUST)
GN4830000	81-82-3	COUMACHLOR
GN6300000	56-72-4	COUMAPHOS
GN4200000	91-64-5	COUMARIN
GN7630000	5836-29-3	COUMATETRALYL
GF8615000	8001-58-9	CREOSOTE
GO5950000	1319-77-3	CRESOL
SE7175000	8002-05-9	CRUDE OIL
KI1101000	76-14-2	CRYOFLUORANE
GL8800000	7758-98-7	CUPRIC SULFATE
GL8900000	7758-99-8	CUPRIC SULFATE, PENTAHYDRATE
GL8050000	1317-39-1	CUPROUS OXIDE
GS7175000	57-12-5	CYANIDE
MW7050000		CYANIDES
GS7175000	57-12-5	CYANIDES, ORGANIC
GW1050000	108-94-1	CYCLOHEXANONE
GZ1250000	52315-07-8	CYPERMETHRIN
WZ1500000	1861-32-1	DACTHAL
UF0690000	75-99-0	DALAPON
UF1225000	127-20-8	DALAPON

RTECS RN	CAS RN	COMMON NAME
TF3850000	115-90-2	DASANIT; FENSULFOTHION
TX8750000	96-12-8	DBCP
KI0700000	72-54-8	DDD
KJ3325000	50-29-3	DDT
TC0350000	62-73-7	DDVP
TF3150000	8065-48-3	DEMETON
TG1750000	919-86-8	DEMETON-S-METHYL
TI0350000	117-81-7	DI(2-ETHYLHEXYL) PHTHALATE
JL9700000	621-64-7	DI-N-PROPYLNITROSAMINE
EZ8225000	2303-16-4	DIALLATE
MU7175000	302-01-2	DIAMINE
DD0875000	119-90-4	DIANISIDINE
TF3325000	333-41-5	DIAZINON
TB9450000	300-76-5	DIBROM
TX8750000	96-12-8	DIBROMOCHLOROPROPANE
KH9275000	106-93-4	DIBROMOETHANE
TI0875000	84-74-2	DIBUTYL PHTHALATE
DG7525000	1918-00-9	DICAMBA
TF0350000	97-17-6	DICHLOFENTHION
PA8200000	75-71-8	DICHLORODIFLUOROMETHANE
PA8050000	75-09-2	DICHLOROMETHANE
TX9625000	78-87-5	DICHLOROPROPANE
UC8310000	542-75-6	DICHLOROPROPENE
TC0350000	62-73-7	DICHLORVOS
DC8400000	115-32-2	DICOFOL
TC3850000	141-66-2	DICROTOPHOS
IO1750000	60-57-1	DIELDRIN
KI5775000	60-29-7	DIETHYL ETHER
TI1050000	84-66-2	DIETHYL PHTHALATE
ID5950000	111-46-6	DIETHYLENE GLYCOL
IE1225000	111-40-0	DIETHYLENETRIAMINE
YS6200000	35367-38-5	DIFLUBENZURON
PA6390000	75-45-6	DIFLUOROCHLOROMETHANE
PA8200000	75-71-8	DIFLUORODICHLOROMETHANE
MX3500000	123-31-9	DIHYDROXYBENZENE; HYDROQUINONE
MJ5775000	108-83-8	DIISOBUTYL KETONE
AG1575000	94-74-6	DIKOTEX
TD4025000	115-26-4	DIMEFOX
TE1750000	60-51-5	DIMETHOATE
TF8050000	1113-02-6	DIMETHOATE O-ANALOGUE
TC4375000	6923-22-4	DIMETHYL PHOSPHATE OF 3-HYDROXY-N-METHYL-CIS-CROTONAMIDE
TI1575000	131-11-3	DIMETHYL PHTHALATE
WS8225000	77-78-1	DIMETHYL SULFATE
IP8750000	124-40-3	DIMETHYLAMINE
LQ2100000	68-12-2	DIMETHYLFORMAMIDE
TB8750000	470-90-6	DIMETHYLVINPHOS
EZ9084000	644-64-4	DIMETILAN
GO9625000	534-52-1	DINITRO-O-CRESOL
SL2800000	51-28-5	DINITROPHENOL
FF9100000	973-21-7	DINOBTUN
GQ5775000	39300-45-3	DINOCAP
SJ9800000	88-85-7	DINOSEB
AF7140000	2813-95-8	DINOSEB ACETATE
GQ5600000	485-31-4	DINOSEB, 3,3-DIMETHYL ACRYL ESTER
JG8225000	123-91-1	DIOXANE

RTECS RN	CAS RN	COMMON NAME
TE3350000	78-34-2	DIOXATHION
AB8050000	957-51-7	DIPHENAMID
DU8050000	92-52-4	DIPHENYL
KN8970000	101-84-8	DIPHENYL ETHER
JJ7800000	122-39-4	DIPHENYLAMINE
TA0700000	52-68-6	DIPTEREX
JM5690000	85-00-7	DIQUAT
JM5750000	4032-26-2	DIQUAT DICHLORIDE
JM5690000	85-00-7	DIQUAT; DIQUAT DIBROMIDE
JM5750000	4032-26-2	DIQUAT; DIQUAT DICHLORIDE
CG0875000	7778-43-0	DISODIUM ARSENATE
CG0900000	10048-95-0	DISODIUM ARSENATE HEPTAHYDRATE
VS6650000	13410-01-0	DISODIUM SELENATE
TD9275000	298-04-4	DISULFOTON
QL0700000	3347-22-6	DITHIANON
YS8925000	330-54-1	DIURON
SJ9800000	88-85-7	DNBP
GO9625000	534-52-1	DNOC
CZ9540000	123-01-3	DODECYLBENZENE
MF1750000	2439-10-3	DODINE
NY2800000	5707-69-7	DRAZOXALON
TF6300000	2921-88-2	DURSBAN
TE3850000	17109-49-8	EDIFENPHOS
TE4375000	640-15-3	EKATIN
RB9275000	115-29-7	ENDOSULFAN
	959-98-8	ENDOSULFAN A
RN7875000	145-73-3	ENDOTHAL
IO1575000	72-20-8	ENDRIN
TX4900000	106-89-8	EPICHLOROHYDRIN
TB1925000	2104-64-5	EPN
CM3675000	105-60-2	EPSILON-CAPROLACTAM
FA4550000	759-94-4	EPTAM
UF1400000	136-25-4	ERBON
KI9625000	75-08-1	ETHANETHIOL
SZ7100000	16672-87-0	ETHEPHON
KI5775000	60-29-7	ETHER
KN1575000	542-88-1	ETHER, BIS(CHLOROMETHYL)
TE4550000	563-12-2	ETHION
SZ7100000	16672-87-0	ETHREL
AH5425000	141-78-6	ETHYL ACETATE
AT0700000	140-88-5	ETHYL ACRYLATE
KH7525000	75-00-3	ETHYL CHLORIDE
UF9625000	107-12-0	ETHYL CYANIDE
KI5775000	60-29-7	ETHYL ETHER
KK8050000	110-80-5	ETHYL GLYCOL
KI9625000	75-08-1	ETHYL MERCAPTAN
EL6475000	78-93-3	ETHYL METHYL KETONE
TF4550000	56-38-2	ETHYL PARATHION
KH2100000	75-04-7	ETHYLAMINE
DA0700000	100-41-4	ETHYLBENZENE
KH9275000	106-93-4	ETHYLENE DIBROMIDE
KI0525000	107-06-2	ETHYLENE DICHLORIDE
KJ8575000	111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER
KK8050000	110-80-5	ETHYLENE GLYCOL MONOETHYL ETHER
KL5950000	110-49-6	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE

RTECS RN	CAS RN	COMMON NAME
KL5775000	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER
KL5950000	110-49-6	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE
KX2450000	75-21-8	ETHYLENE OXIDE
NI9625000	96-45-7	ETHYLENE THIOUREA
KX3850000	127-18-4	ETHYLENE, TETRACHLORO-
TF8350000	38260-54-7	ETRIMFOS
PB6125000	75-69-4	F-11
PA8200000	75-71-8	F-12
VN8400000	50-65-7	FENASAL
TG0525000	299-84-3	FENCHLORFOS; FENCHLORPHOS; RONNEL
TG0350000	122-14-5	FENITROTHION
TF3850000	115-90-2	FENSULFOTHION
TF9625000	55-38-9	FENTHION
WH6650000	900-95-8	FENTIN ACETATE
WH8575000	76-87-9	FENTIN HYDROXIDE
YT1450000	101-42-8	FENURON
NO8750000	14484-64-1	FERBAM
LJ9100000	7705-08-0	FERRIC CHLORIDE
NO8510000	7782-63-0	FERROUS SULFATE
LL4025000	206-44-0	FLUORANTHENE
MW7875000	7664-39-3	FLUORIC ACID
AH9100000	62-74-8	FLUOROACETIC ACID, SODIUM SALT
PB6125000	75-69-4	FLUOROTRICHLORO-METHANE
TI5685000	133-07-3	FOLPET
LP8925000	50-00-0	FORMALDEHYDE
LQ0525000	75-12-7	FORMAMIDE
LQ4900000	64-18-6	FORMIC ACID
TE1050000	2540-82-1	FORMOTHION
PA6390000	75-45-6	FREON
LS8950000		FUEL OIL
LT7000000	98-01-1	FURFURAL
LU9100000	98-00-0	FURFURYL ALCOHOL
LQ4375000	6164-98-3	GALECRON
GV4900000	58-89-9	GAMMA-HCH
TB9100000	22248-79-9	GARDONA
KL5775000	109-86-4	GLYCOL MONOMETHYL ETHER
KL5950000	110-49-6	GLYCOLMONOMETHYLEETHER ACETATE
MC1075000	1071-83-6	GLYPHOSATE
DA2975000	118-74-1	HCB
PC0700000	76-44-8	HEPTACHLOR
PB9450000	1024-57-3	HEPTACHLOR EPOXIDE
YT4550000	2163-79-3	HERBAN
QJ7350000	1335-87-1	HEXACHLORO NAPHTHALENE
EJ0700000	87-68-3	HEXACHLORO-1,3-BUTADIENE
DA2975000	118-74-1	HEXACHLOROBENZENE
EJ0700000	87-68-3	HEXACHLOROBUTADIENE
GY1225000	77-47-4	HEXACHLOROCYCLOPENTADIENE
KI4025000	67-72-1	HEXACHLOROETHANE
QJ7350000	1335-87-1	HEXACHLORONAPHTHALENE
SM0700000	70-30-4	HEXACHLOROPHEN
MP1400000	591-78-6	HEXAN-2-ONE
MN9275000	110-54-3	HEXANE
SA9275000	108-10-1	HEXONE
MU7175000	302-01-2	HYDRAZINE
MW4025000	7647-01-0	HYDROCHLORIC ACID

RTECS RN	CAS RN	COMMON NAME
MW6825000	74-90-8	HYDROCYANIC ACID
MW7875000	7664-39-3	HYDROFLUORIC ACID
MW6825000	74-90-8	HYDROGEN CYANIDE
MW7875000	7664-39-3	HYDROGEN FLUORIDE
MX0900000	7722-84-1	HYDROGEN PEROXIDE
SY7525000	7803-51-2	HYDROGEN PHOSPHIDE
MX3500000	123-31-9	HYDROQUINONE
BQ9625000	1336-21-6	HYDROXIDE OF AMMONIA
CH7525000	75-60-5	HYDROXYDIMETHYLARSINE OXIDE
WH8575000	76-87-9	HYDROXYTRIPHENYLITIN
DI4025000	1689-83-4	IOXYNIL
FD9100000	122-42-9	IPC; PROPHAM
NO8510000	7782-63-0	IRON (II) SULFATE, HEPTAHYDRATE
LJ9100000	7705-08-0	IRON(III) CHLORIDE
NP9625000	78-83-1	ISOBUTANOL
GW7700000	78-59-1	ISOPHORONE
NT4037000	78-79-5	ISOPRENE
FD9100000	122-42-9	ISOPROPYL CARBANILATE
FD8050000	101-21-3	ISOPROPYL 3-CHLOROCARBANILATE
NT8400000	75-31-0	ISOPROPYLAMINE
DC8400000	115-32-2	KELTHANE
PC8575000	143-50-0	KEPONE
TF7900000	2275-23-2	KILVAL
AK2975000	16752-77-5	LANNATE; METHOMYL
OF7525000	7439-92-1	LEAD
AI5250000	301-04-2	LEAD ACETATE
CG1000000	7645-25-2	LEAD ARSENATE
CG0980000	7784-40-9	LEAD ARSENATE (STANDARD)
OF9275000	598-63-0	LEAD CARBONATE
OG2100000	10099-74-8	LEAD NITRATE
OG3675000	7446-27-7	LEAD PHOSPHATE
OF8750000	1335-32-6	LEAD SUBACETATE
AI5250000	301-04-2	LEAD(II) ACETATE
OG2100000	10099-74-8	LEAD(II) NITRATE
TP4550000	78-00-2	LEAD, TETRAETHYL
GY5875000	2164-08-1	LENACIL
TB1720000	21609-90-5	LEPTOPHOS
EW3100000	1305-78-8	LIME
GV4900000	58-89-9	LINDANE
YS9100000	330-55-2	LINURON
OJ6125000	7789-24-4	LITHIUM FLUORIDE
WB4900000	1310-73-2	LYE
TE4375000	640-15-3	M 81
SK2450000	108-43-0	M-CHLOROPHENOL
GO6125000	108-39-4	M-CRESOL
SM1925000	554-84-7	M-NITROPHENOL
SS7700000	108-45-2	M-PHENYLENEDIAMINE
ST2690000	615-05-4	M-PHENYLENEDIAMINE, 4-METHOXY-
ZE2275000	108-38-3	M-XYLENE
TF0490000	1634-78-2	MALAOXON
WM8400000	121-75-5	MALATHION
ON3675000	108-31-6	MALEIC ACID ANHYDRIDE
UR5950000	123-33-1	MALEIC HYDRAZIDE
ZB3200000	8018-01-7	MANCOZEB
OP0700000	12427-38-2	MANEB

RTECS RN	CAS RN	COMMON NAME
009275000	7439-96-5	MANGANESE
AG1575000	94-74-6	MCPA
AG2625000	3653-48-3	MCPA, SODIUM SALT
AG1575000	19480-43-4	MCPA, 2-BUTOXYETHYL ESTER
UE9750000	93-65-2	MECOPROP
TD5600000	78-57-9	MENAZON
NI9625000	96-45-7	MERCAPTOIMIDAZOLINE
TF3150000	8065-48-3	MERCAPTOPHOS
OV9100000	7487-94-7	MERCURIC CHLORIDE
OW8750000	21908-53-2	MERCURIC OXIDE
OV8750000	7546-30-7	MERCUROUS CHLORIDE
OV4550000	7439-97-6	MERCURY
OV8750000	7546-30-7	MERCURY(I) CHLORIDE
OV9100000	7487-94-7	MERCURY(II) CHLORIDE
OW8750000	21908-53-2	MERCURY(II) OXIDE
XF9900000	108-62-3	METALDEHYDE
TG0175000	298-00-0	METAPHOS
TG0350000	122-14-5	METATHIONE
FC2100000	137-42-8	METHAM-SODIUM
TB4970000	10265-92-6	METHAMIDOFOS
PC1400000	67-56-1	METHANOL
RO0835000	20354-26-1	METHAZOLE
TE2100000	950-37-8	METHIDATHION
AK2975000	16752-77-5	METHOMYL
KJ3675000	72-43-5	METHOXYCHLOR
EL6475000	78-93-3	METHYL ACETONE
PC1400000	67-56-1	METHYL ALCOHOL
PA4900000	74-83-9	METHYL BROMIDE
KL5775000	109-86-4	METHYL CELLOSOLVE
KL5950000	110-49-6	METHYL CELLOSOLVE ACETATE
KJ2975000	71-55-6	METHYL CHLOROFORM
KN6650000	107-30-2	METHYL CHLOROMETHYL ETHER
AL7700000	75-05-8	METHYL CYANIDE
EL6475000	78-93-3	METHYL ETHYL KETONE
KL5775000	109-86-4	METHYL GLYCOL
KL5950000	110-49-6	METHYL GLYCOL ACETATE
SA9275000	108-10-1	METHYL ISOBUTYL KETONE
NQ9450000	624-83-9	METHYL ISOCYANATE
MP1400000	591-78-6	METHYL N-BUTYL KETONE
TG0350000	122-14-5	METHYL NITROPHOS
TG0175000	298-00-0	METHYL PARATHION
WS8225000	77-78-1	METHYL SULFATE
PA4900000	74-83-9	METHYLBROMIDE
PA8050000	75-09-2	METHYLENE CHLORIDE
OW6320000	22967-92-6	METHYLMERCURY
YS3325000	3060-89-7	METOBROMURON
GQ5250000	7786-34-7	MEVINPHOS
FC0700000	315-18-4	MEXACARBATE
PY8030000	8012-95-1	MINERAL OIL
SE7449000		MINERAL OIL (GENERIC)
SE7555000	8030-30-6	MINERAL SPIRITS
PC8225000	2385-85-5	MIREX
CM2625000	2212-67-1	MOLINATE
KN6650000	107-30-2	MONOCHLORODIMETHYL ETHER
TC4375000	6923-22-4	MONOCROTOPHOS

RTECS RN	CAS RN	COMMON NAME
KH2100000	75-04-7	MONOETHYLAMINE
YS6425000	1746-81-2	MONOLINURON
CG3675000	7784-46-5	MONOSODIUM ARSENITE
YS6300000	150-68-5	MONURON
QD6475000	110-91-8	MORPHOLINE
EO1400000	71-36-3	N-BUTANOL
MP1400000	591-78-6	N-BUTYL METHYL KETONE
TI0875000	84-74-2	N-BUTYL PHTHALATE
IQ0525000	62-75-9	N-DIMETHYLNITROSAMINE
MN9275000	110-54-3	N-HEXANE
JL9700000	621-64-7	N-NITROSO-N-PROPYLAMINE
IA3500000	55-18-5	N-NITROSODIETHYLAMINE
IQ0525000	62-75-9	N-NITROSODIMETHYLAMINE
JJ9800000	86-30-6	N-NITROSODIPHENYLAMINE
JL9700000	621-64-7	N-NITROSODIPROPYLAMINE
UH8225000	71-23-8	N-PROPANOL
AB6080000	37764-25-3	N,N-DIALLYL DICHLOROACETAMIDE
ST1050000	99-98-9	N,N-DIMETHYL-P-PHENYLENEDIAMINE
LQ2100000	68-12-2	N,N-DIMETHYLFORMAMIDE
IQ0525000	62-75-9	N,N-DIMETHYLNITROSAMINE
TB9450000	300-76-5	NALED
SE7555000	8030-30-6	NAPHTHA (VM & P) (76. NAPHTHA)
QJ2100000	90-13-1	NAPHTHALENE, 1-CHLORO-
QJ2275000	91-58-7	NAPHTHALENE, 2-CHLORO-
TH7351000	132-67-2	NAPTALAM SODIUM
TX8750000	96-12-8	NEMAGON
QR5950000	7440-02-0	NICKEL
QR6300000	13463-39-3	NICKEL CARBONYL
QS5250000	54-11-5	NICOTINE
QS9625000	65-30-5	NICOTINE SULFATE
BR9050000	6484-52-2	NITRATE OF AMMONIA
QU5775000	7697-37-2	NITRIC ACID
DA6475000	98-95-3	NITROBENZENE
KN8400000	1836-75-5	NITROFEN
QW9700000	7727-37-9	NITROGEN
PA9800000	75-52-5	NITROMETHANE
KN8400000	1836-75-5	NITROPHEN
RB8750000	991-42-4	NORBORMIDE
YT4550000	2163-79-3	NOREA
SK2625000	95-57-8	O-CHLOROPHENOL
GO6300000	95-48-7	O-CRESOL
DD0875000	119-90-4	O-DIANISIDINE
SM2100000	88-75-5	O-NITROPHENOL
SS7875000	95-54-5	O-PHENYLENEDIAMINE
DD1225000	119-93-7	O-TOLIDINE
ZE2450000	95-47-6	O-XYLENE
QK0250000	2234-13-1	OCTACHLORO NAPHTHALENE
UX5950000	152-16-9	OCTAMETHYL
SE7175000	8002-05-9	OIL
TF8050000	1113-02-6	OMETHOATE
CG0700000	7778-39-4	ORTHO ARSENIC ACID
TB6300000	7664-38-2	ORTHOPHOSPHORIC ACID
RP2300000	23135-22-0	OXAMYL
RS2060000	7782-44-7	OXYGEN
RS8225000	10028-15-6	OZONE

RTECS RN	CAS RN	COMMON NAME
DK2625000	106-51-4	P-BENZOQUINONE
SK2800000	106-48-9	P-CHLOROPHENOL
GO6475000	106-44-5	P-CRESOL
CZ4550000	106-46-7	P-DICHLOROBENZENE
JG8225000	123-91-1	P-DIOXANE
SM2275000	100-02-7	P-NITROPHENOL
SS8050000	106-50-3	P-PHENYLENEDIAMINE
ZE2625000	106-42-3	P-XYLENE
KI0700000	72-54-8	P,P'-DDD; P,P'-TDE
KJ3325000	50-29-3	P,P'-DDT
CZ4550000	106-46-7	PARA-DICHLOROBENZENE
PY8030000	8012-95-1	PARAFFIN OIL
TC2275000	311-45-5	PARAOXON
TC5250000	950-35-6	PARAOXON-METHYL
DW2275000	1910-42-5	PARAQUAT
TF4550000	56-38-2	PARATHION
TG0175000	298-00-0	PARATHION-METHYL
LK5060000	59536-65-1	PBB (FIREMASTER BP-6)
LK5065000	67774-32-7	PBB (FIREMASTER FF1)
TQ1350000	1336-36-3	PCB
TQ1360000	11097-69-1	PCB'S (AROCLOR 1254)
TQ1362000	11096-82-5	PCB'S (AROCLOR 1260)
EZ0400000	1114-71-2	PEBULATE
KI6300000	76-01-7	PENTACHLOROETHANE
QK0300000	1321-64-8	PENTACHLORONAPHTHALENE
DA6650000	82-68-8	PENTACHLORONITROBENZENE
SM6300000	87-86-5	PENTACHLOROPHENOL
UF1400000	136-25-4	PENTANATE
SC7500000	7601-90-3	PERCHLORIC ACID
GZ1255000	52645-53-1	PERMETHRIN
KH5790000	72-56-0	PERTHANE
PY8030000	8012-95-1	PETROLATUM
SE7175000	8002-05-9	PETROLEUM
SE7449000	8002-05-9	PETROLEUM DISTILLATE
SE7175000	8002-05-9	PETROLEUM OIL
SE7555000	8030-30-6	PETROLEUM SPIRIT
SJ3325000	108-95-2	PHENOL
AF7140000	2813-95-8	PHENOTAN
AI7875000	2597-03-7	PHENTHOATE
KN8970000	101-84-8	PHENYL ETHER
DC0525000	108-98-5	PHENYL MERCAPTAN
MV8925000	100-63-0	PHENYLHYDRAZINE
OV6475000	62-38-4	PHENYLMERCURIC ACETATE
TD9450000	298-02-2	PHORATE
TD5175000	2310-17-0	PHOSALONE
GQ5250000	7786-34-7	PHOSDRIN
SY5600000	75-44-5	PHOSGENE
TE2275000	732-11-6	PHOSMET
TE1750000	60-51-5	PHOSPHAMID
TC2800000	13171-21-6	PHOSPHAMIDON
SY7525000	7803-51-2	PHOSPHINE
TB6300000	7664-38-2	PHOSPHORIC ACID
TH3500000	7723-14-0	PHOSPHOROUS (WHITE)
BD1400000	20859-73-8	PHOSTOXIN
TH9990000	85-68-7	PHTHALIC ACID, BENZYL BUTYL ESTER

RTECS RN	CAS RN	COMMON NAME
TI0875000	84-74-2	PHTHALIC ACID, DIBUTYL ESTER
TI1050000	84-66-2	PHTHALIC ACID, DIETHYL ESTER
TI1575000	131-11-3	PHTHALIC ACID, DIMETHYL ESTER
TE2275000	732-11-6	PHTHALOPHOS
TJ7525000	1918-02-1	PICLORAM
TJ7875000	88-89-1	PICRIC ACID
NK6300000	83-26-1	PINDONE
XS8050000	51-03-6	PIPERONYL BUTOXIDE
EZ9100000	23103-98-2	PIRIMICARB
TF1610000	23505-41-1	PIRIMIPHOS-ETHYL
TF1410000	29232-93-7	PIRIMIPHOS-METHYL
NK6300000	83-26-1	PIVAL
TQ3325000	9002-88-4	POLY ETHYLENE
KV0350000	9002-86-2	POLY(VINYL CHLORIDE)
LK5060000	59536-65-1	POLYBROMINATED BIPHENYL (FIREMASTER BP-6)
LK5065000	36355-01-8	POLYBROMINATED BIPHENYL (FIREMASTER FF1)
TQ1350000	1336-36-3	POLYCHLORINATED BIPHENYLS
TQ3325000	9002-88-4	POLYETHENE
TR5250000	25322-69-4	POLYOXYPROPYLENE
WL6475000	9003-53-6	POLYSTYRENE
KV0350000	9002-86-2	POLYVINYL CHLORIDE
HX7680000	7778-50-9	POTASSIUM BICHROMATE
GB2940000	7789-00-6	POTASSIUM CHROMATE
GS6825000	590-28-3	POTASSIUM CYANIDE
HX7680000	7778-50-9	POTASSIUM DICHROMATE
SD6475000	7722-64-7	POTASSIUM PERMANGANATE
FB8050000	2631-37-0	PROMECARB
AE1575000	1918-16-7	PROPACHLOR
UH8225000	71-23-8	PROPAN-1-OL
TX2275000	74-98-6	PROPANE
UH8225000	71-23-8	PROPANOL
FD9100000	122-42-9	PROPHAM
ZH4950000	12071-83-9	PROPINEB
UF9625000	107-12-0	PROPIONITRILE
FC3150000	114-26-1	PROPOXUR
UH8225000	71-23-8	PROPYL ALCOHOL
TX9625000	78-87-5	PROPYLENE DICHLORIDE
TZ2975000	75-56-9	PROPYLENE OXIDE
UR2450000	129-00-0	PYRENE
GZ1750000	121-21-1	PYRETHRIN I
GZ0700000	121-29-9	PYRETHRIN II
UR4200000	8003-34-7	PYRETHRUM
UR8400000	110-86-1	PYRIDINE
UX1050000	120-80-9	PYROCATECHOL
UX2800000	87-66-1	PYROGALLOL
VV7330000	14808-60-7	QUARTZ
DK2625000	106-51-4	QUINONE
DA6650000	82-68-8	QUINTOZENE
AB6080000	37764-25-3	R-25788
GZ1310000	10453-86-8	RESMETHRIN
VG9625000	108-46-3	RESORCINOL
VH1050000	101-90-6	RESORCINOL DIGLYCIDYL ETHER
VG9625000	108-46-3	RESORCINOL; 1,3-BENZENEDIOL
VH1050000	101-90-6	RESORCINOL-DIGLYCID
TG0525000	299-84-3	RONNEL

RTECS RN	CAS RN	COMMON NAME
DJ2800000	83-79-4	ROTENONE
MC1075000	1071-83-6	ROUNDUP
EO1750000	78-92-2	S-BUTANOL
VO5075000	54-21-7	SALICYLIC ACID, SODIUM SALT
UX5950000	152-16-9	SCHRADAN
EO1750000	78-92-2	SEC-BUTANOL
EO3325000	13952-84-6	SEC-BUTYLAMINE
VS7700000	7782-49-2	SELENIUM
FC5950000	63-25-2	SEVIN
YT7350000	1982-49-6	SIDURON
VV7330000	14808-60-7	SILICA
VW2327000	7783-61-1	SILICON FLUORIDE
VW0525000	10026-04-7	SILICON TETRACHLORIDE
XY5250000	122-34-9	SIMAZIN
		SLUDGE
CG3675000	7784-46-5	SODIUM ARSENITE
HX7700000	10588-01-9	SODIUM BICHROMATE
GB2955000	7775-11-3	SODIUM CHROMATE
GS7000000	917-61-3	SODIUM CYANIDE
HX7700000	10588-01-9	SODIUM DICHROMATE
HX7750000	7789-12-0	SODIUM DICHROMATE, DIHYDRATE
WB0350000	7681-49-4	SODIUM FLUORIDE
WB0360000	7681-49-4	SODIUM FLUORIDE (SOLUTION)
AH9100000	62-74-8	SODIUM FLUOROACETATE
WB4900000	1310-73-2	SODIUM HYDROXIDE
AG2625000	3653-48-3	SODIUM MCPA
WC5600000	7631-99-4	SODIUM NITRATE
RA1225000	7632-00-0	SODIUM NITRITE
TC9490000	7601-54-9	SODIUM ORTHOPHOSPHATE
VO5075000	54-21-7	SODIUM SALICYLATE
VS6650000	13410-01-0	SODIUM SELENATE
AJ9100000	650-51-1	SODIUM TRICHLORACETATE
SE7555000	8030-30-6	SOLVENT NAPHTHA
WK4375000	57-92-1	STREPTOMYCIN
WL2275000	57-24-9	STRYCHNINE
WL2550000	60-41-3	STRYCHNINE SULFATE
WL3675000	100-42-5	STYRENE
WM4900000	110-15-6	SUCCINIC ACID
EZ5075000	95-06-7	SULFALLATE
WO5950000	5329-14-6	SULFAMIC ACID
WO8400000	63-74-1	SULFONAMIDE
XN4375000	3689-24-5	SULFOTEP
WS4250000	7704-34-9	SULFPHUR
WS5600000	7664-93-9	SULFURIC ACID
WS4250000	7704-34-9	SULPHUR
WS5600000	7664-93-9	SULPHURIC ACID
GF8615000	8001-58-9	TAR OIL
AJ9100000	650-51-1	TCA
HP3500000	1746-01-6	TCDD
KI0700000	72-54-8	TDE
XN4375000	3689-24-5	TEDP
WY2625000	13494-80-9	TELLURIUM
TF6890000	3383-96-8	TEMEPHOS
YS6125000	1982-47-4	TENORAN
UX6825000	107-49-3	TEPP

RTECS RN	CAS RN	COMMON NAME
EO1925000	75-65-0	TERT-BUTANOL
QR6300000	13463-39-3	TETRACARBONYLNICKEL
KI0700000	72-54-8	TETRACHLORODIPHENYLETHANE
KX3850000	127-18-4	TETRACHLOROETHYLENE
FG4900000	56-23-5	TETRACHLOROMETHANE
TB9100000	22248-79-9	TETRACHLORVINPHOS
QI8750000	60-54-8	TETRACYCLINE
WR5850000	116-29-0	TETRADIFON
XN4375000	3689-24-5	TETRAETHYL DITHIOPYROPHOSPHATE
TP4550000	78-00-2	TETRAETHYL LEAD
UX6825000	107-49-3	TETRAETHYL PYROPHOSPHATE
XN4375000	3689-24-5	TETRAETHYLDITHIOPYROPHOSPHATE
UX6825000	107-49-3	TETRAETHYLPYROPHOSPHATE
GZ1700000	7696-12-0	TETRAMETHRIN
TP4725000	75-74-1	TETRAMETHYL LEAD
JO1400000	137-26-8	TETRAMETHYLTHIURAM DISULFIDE
XG3425000	7440-28-0	THALLIUM
XG4200000	7791-12-0	THALLIUM(I) CHLORIDE
DE0700000	148-79-8	THIABENDAZOLE
TE1575000	919-76-6	THIOCRON
TE4375000	640-15-3	THIOMETON
XM5150000	7719-09-7	THIONYL CHLORIDE
BA3650000	23564-06-9	THIOPHANATE
BA3675000	23564-05-8	THIOPHANATE METHYL
DC0525000	108-98-5	THIOPHENOL
JO1400000	137-26-8	THIRAM
EZ0400000	1114-71-2	TILLAM
XP7320000	7440-31-5	TIN
XR2275000	13463-67-7	TITANIUM DIOXIDE
XS5250000	108-88-3	TOLUENE
CZ6300000	584-84-9	TOLUENE DIISOCYANATE
BA3675000	23564-05-8	TOPSIN-M
TJ7525000	1918-02-1	TORDON
XW5250000	8001-35-2	TOXAPHENE
XU9275000	1582-09-8	TREFLAN
PB5600000	75-25-2	TRIBROMOMETHANE
TA0700000	52-68-6	TRICHLORFON
KO4200000	57321-63-8	TRICHLORO DIPHENYL OXIDE
KX4550000	79-01-6	TRICHLORO ETHYLENE
AJ9100000	650-51-1	TRICHLOROACETIC ACID, SODIUM SALT
KO4200000	57321-63-8	TRICHLORODIPHENYL OXIDE
KX4550000	79-01-6	TRICHLOROETHENE
PB6125000	75-69-4	TRICHLOROFLUORO METHANE
TA0700000	52-68-6	TRICHLOROFON
FS9100000	67-66-3	TRICHLOROMETHANE
PB6125000	75-69-4	TRICHLOROMONOFUOROMETHANE
TB0700000	327-98-0	TRICHLORONATE
PB6300000	76-06-2	TRICHLORONITROMETHANE
KO4200000	57321-63-8	TRICHLOROPHENYL ETHER
TA0700000	52-68-6	TRICHLORPHON
XU9275000	1582-09-8	TRIFLURALIN
TK9200000	26644-46-2	TRIFORINE
TJ7875000	88-89-1	TRINITROPHENOL
TC8400000	115-86-6	TRIPHENYL PHOSPHATE
WH6650000	900-95-8	TRIPHENYLTIN ACETATE

RTECS RN	CAS RN	COMMON NAME
WH8575000	76-87-9	TRIPHENYL TIN HYDROXIDE
TC9490000	7601-54-9	TRISODIUM PHOSPHATE
TD5250000	786-19-6	TRITHION
TG0525000	299-84-3	TROLEN
YO8400000	8006-64-2	TURPENTINE
SE7555000	8030-30-6	TURPENTINE SUBSTITUTE
YR6250000	57-13-6	UREA
YV3600000	110-62-3	VALERALDEHYDE
TF7900000	2275-23-2	VAMIDOTHION
WL3675000	100-42-5	VINYL BENZENE
KU9625000	75-01-4	VINYL CHLORIDE
KV9275000	75-35-4	VINYLDENE CHLORIDE
SE7555000	8030-30-6	VM & P NAPHTHA
GN4550000	81-81-2	WARFARIN
OF9275000	598-63-0	WHITE LEAD
PY8030000	8012-95-1	WHITE MINERAL OIL
TH3500000	7723-14-0	WHITE PHOSPHORUS
SE7555000	8030-30-6	WHITE SPIRIT
ZE2275000	108-38-3	XYLENE, M-
ZE2450000	95-47-6	XYLENE, O-
ZE2625000	106-42-3	XYLENE, P-
ZE8575000	1300-73-8	XYLIDENE
CM2625000	2212-67-1	YALAN
TH3500000	7723-14-0	YELLOW PHOSPHORUS
ZG8600000	7440-66-6	ZINC
ZH1400000	7646-85-7	ZINC CHLORIDE
ZH1575000	557-21-1	ZINC CYANIDE
ZH0525000	137-30-4	ZINC DIMETHYLDITHIOCARBAMATE
ZH3325000	12122-67-7	ZINC ETHYLENE BISDITHIOCARBAMATE
ZH4810000	1314-13-2	ZINC OXIDE
ZH3325000	12122-67-7	ZINEB
ZH0525000	137-30-4	ZIRAM
SK2625000	95-57-8	O-CHLOROPHENOL
EO1400000	71-36-3	1-BUTANOL
TX4900000	106-89-8	1-CHLORO-2,3-EPOXY-PROPANE
QJ2100000	90-13-1	1-CHLORONAPHTHALENE
YT9275000	86-88-4	1-NAPHTHYL-2-THIOUREA
EM7650000	513-35-9	1-PENTENE
KH5790000	72-56-0	1,1-BIS (4-ETHYLPHENYL)-2,2-DICHLOROETHANE
KV9275000	75-35-4	1,1-DICHLOROETHYLENE
KJ2975000	71-55-6	1,1,1-TRICHLOROETHANE
KI8450000	630-20-6	1,1,1,2-TETRACHLOROETHANE
KJ3150000	79-00-5	1,1,2-TRICHLOROETHANE
KX4550000	79-01-6	1,1,2-TRICHLOROETHYLENE
KI8575000	79-34-5	1,1,2,2-TETRACHLOROETHANE
TX8750000	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE
KH9275000	106-93-4	1,2-DIBROMOETHANE
KI1101000	76-14-2	1,2-DICHLORO-1,1,2,2-TETRAFLUROETHANE
KI0525000	107-06-2	1,2-DICHLOROETHANE
KV9360000	540-59-0	1,2-DICHLOROETHYLENE
TX9625000	78-87-5	1,2-DICHLOROPROPANE
MW2625000	122-66-7	1,2-DIPHENYLHYDRAZINE
TZ2975000	75-56-9	1,2-EPOXYPROPANE
UX2800000	87-66-1	1,2,3-TRIHIDROXYBENZENE
DC2100000	120-82-1	1,2,4-TRICHLOROBENZENE

RTECS RN	CAS RN	COMMON NAME
VH1050000	101-90-6	1,3-BIS(2,3-EPOXYPROPOXY)BENZENE
EI9275000	106-99-0	1,3-BUTADIENE
EJ0700000	87-68-3	1,3-BUTADIENE, HEXACHLORO-
UC8310000	542-75-6	1,3-DICHLORO-PROPYLENE
VG9625000	108-46-3	1,3-DIHYDROXYBENZENE; RESORCINOL
CZ4550000	106-46-7	1,4-DICHLOROBENZENE
MX3500000	123-31-9	1,4-DIHYDROXYBENZENE
JG8225000	123-91-1	1,4-DIOXAN
EO3325000	13952-84-6	2-AMINOBUTANE
NT8400000	75-31-0	2-AMINOPROPANE
EL6475000	78-93-3	2-BUTANONE
KJ8575000	111-76-2	2-BUTOXYETHANOL
EI9625000	126-99-8	2-CHLORO-1,3-BUTADIENE
SZ7100000	16672-87-0	2-CHLOROETHYL PHOSPHONIC ACID
QJ2275000	91-58-7	2-CHLORONAPHTHALENE
SK2625000	95-57-8	2-CHLOROPHENOL
EI9625000	126-99-8	2-CHLOROPRENE
KK8050000	110-80-5	2-ETHOXYETHANOL
LT7000000	98-01-1	2-FURALDEHYDE
MP1400000	591-78-6	2-HEXANONE
KL5775000	109-86-4	2-METHOXYETHANOL
KL5950000	110-49-6	2-METHOXYETHYL ACETATE
NT4037000	78-79-5	2-METHYL BUTA-1,3-DIENE
EM7650000	513-35-9	2-METHYL-2-BUTENE
NP9625000	78-83-1	2-METHYLPROPAN-1-OL
EO1925000	75-65-0	2-METHYLPROPAN-2-OL
QM2100000	91-59-8	2-NAPHTHYLAMINE
SM2100000	88-75-5	2-NITROPHENOL
TZ5250000	79-46-9	2-NITROPROPANE
BA5075000	107-18-6	2-PROPEN-1-OL
AS1050000	107-02-8	2-PROPENAL
UF0690000	75-99-0	2,2-DICHLOROPROPIONIC ACID
SM9200000	4901-51-3	2,3,4,5-TETRACHLOROPHENOL
AG6825000	94-75-7	2,4-D
ST2690000	615-05-4	2,4-DIAMINOANISOLE
SK8575000	120-83-2	2,4-DICHLOROPHENOL
SL2800000	51-28-5	2,4-DINITROPHENOL
AJ8400000	93-76-5	2,4,5-T
SN1400000	95-95-4	2,4,5-TRICHLOROPHENOL
SN1575000	88-06-2	2,4,6-TRICHLOROPHENOL
TJ7875000	88-89-1	2,4,6-TRINITROPHENOL
SK8750000	87-65-0	2,6-DICHLOROPHENOL
UC7350000	107-05-1	3-CHLOROPROPENE
SM1925000	554-84-7	3-NITROPHENOL
DD0525000	91-94-1	3,3'-DICHLOROBENZIDINE
DD0875000	119-90-4	3,3'-DIMETHOXYBENZIDINE
DD1225000	119-93-7	3,3'-DIMETHYLBENZIDINE
GO9500000	497-56-3	3,5-DINITRO-O-CRESOL
DU8925000	92-67-1	4-AMINOBIHENYL
XU5250000	3165-93-3	4-CHLORO-O-TOLUIDINE HYDROCHLORIDE
SM2275000	100-02-7	4-NITROPHENOL
BY7900000	101-80-4	4,4'-DIAMINODIPHENYL OXIDE
GO9625000	534-52-1	4,6-DINITRO-O-CRESOL
AB1060000	602-87-9	5-NITROACENAPHTHENE
	1868-86-6	9-HYDROPERFLUORONONANOIC ACID, AMMONIUM SALT

RTECS RN	CAS RN	CHEMICAL NAME
AB1060000	602-87-9	ACENAPHTHENE, 5-NITRO-
AB1925000	75-07-0	ACETALDEHYDE
AB6080000	37764-25-3	ACETAMIDE, N,N-DIALLYL-2,2-DICHLORO-
AB8050000	957-51-7	ACETAMIDE, N,N-DIMETHYL-2,2-DIPHENYL-
AD7350000	103-84-4	ACETANILIDE
AE1225000	15972-60-8	ACETANILIDE, 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)-
AE1575000	1918-16-7	ACETANILIDE, 2-CHLORO-N-ISOPROPYL-
AF1225000	64-19-7	ACETIC ACID
AF7140000	2813-95-8	ACETIC ACID, 2-(SEC-BUTYL)-4,6-DINITROPHENYL ESTER
AG1575000	94-74-6	ACETIC ACID, ((4-CHLORO-O-TOLYL)OXY)-
AG2625000	3653-48-3	ACETIC ACID, ((4-CHLORO-O-TOLYL)OXY)-, SODIUM SALT
AG6825000	94-75-7	ACETIC ACID, (2,4-DICHLOROPHENOXY)-
AH5425000	141-78-6	ACETIC ACID, ETHYL ESTER
AH9100000	62-74-8	ACETIC ACID, FLUORO-, SODIUM SALT
AI5250000	301-04-2	ACETIC ACID, LEAD(2+) SALT
AI7875000	2597-03-7	ACETIC ACID, MERCAPTOPHENYL-, ETHYL ESTER, S-ESTER WITH O,O-
AJ8400000	93-76-5	ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-
AJ9100000	650-51-1	ACETIC ACID, TRICHLORO-, SODIUM SALT
AK2975000	16752-77-5	ACETIMIDIC ACID, THIO-N-((METHYL CARBAMOYL)OXY)-, METHYL ESTER
AL3150000	67-64-1	ACETONE
AL7700000	75-05-8	ACETONITRILE
AO5955000	506-96-7	ACETYL BROMIDE
AO9600000	74-86-2	ACETYLENE
AR7175000	260-94-6	ACRIDINE
AS1050000	107-02-8	ACROLEIN
AS3325000	79-06-1	ACRYLAMIDE
AS4375000	79-10-7	ACRYLIC ACID
AT0700000	140-88-5	ACRYLIC ACID, ETHYL ESTER
AT5250000	107-13-1	ACRYLONITRILE
AU8400000	124-04-9	ADIPIC ACID
AW5950000	1402-68-2	AFLATOXIN
BA3650000	23564-06-9	ALLOPHANIC ACID, 4,4'-O-PHENYLENEBIS(3-THIO)-, DIETHYL ESTER
BA3675000	23564-05-8	ALLOPHANIC ACID, 4,4'-O-PHENYLENEBIS(3-THIO)-, DIMETHYL ESTER
BA5075000	107-18-6	ALLYL ALCOHOL
BD0330000	7429-90-5	ALUMINUM
BD0525000	7446-70-0	ALUMINUM CHLORIDE
BD0940000	21645-51-2	ALUMINUM HYDROXIDE
BD1400000	20859-73-8	ALUMINUM PHOSPHIDE
BP4550000	12125-02-9	AMMONIUM CHLORIDE
BP5250000	999-81-5	AMMONIUM, (2-CHLOROETHYL)TRIMETHYL-, CHLORIDE
BQ9625000	1336-21-6	AMMONIUM HYDROXIDE
BR9050000	6484-52-2	AMMONIUM NITRATE
BS4500000	7783-20-2	AMMONIUM SULFATE (2:1)
BW6650000	62-53-3	ANILINE
BY7900000	101-80-4	ANILINE, 4,4'-OXYDI-
CA9350000	120-12-7	ANTHRACENE
CC4025000	7440-36-0	ANTIMONY
CG0525000	7440-38-2	ARSENIC
CG0700000	7778-39-4	ARSENIC ACID
CG0830000	7778-44-1	ARSENIC ACID, CALCIUM SALT(2:3)
CG0875000	7778-43-0	ARSENIC ACID, DISODIUM SALT
CG0900000	10048-95-0	ARSENIC ACID, DISODIUM SALT, HEPTAHYDRATE
CG0980000	7784-40-9	ARSENIC ACID, LEAD(2+) SALT(1:1)
CG1000000	7645-25-2	ARSENIC ACID, LEAD SALT
CG2275000	1303-28-2	ARSENIC PENTOXIDE

RTECS RN	CAS RN	CHEMICAL NAME
CG3325000	1327-53-3	ARSENIC TRIOXIDE
CG3675000	7784-46-5	ARSENIOUS ACID, MONOSODIUM SALT
CG6475000	7784-42-1	ARSINE
CH7525000	75-60-5	ARSINE OXIDE, DIMETHYLHYDROXY-
CI6475000	1332-21-4	ASBESTOS
CI9900000	8052-42-4	ASPHALT
CM2625000	2212-67-1	1H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-, S-ETHYL ESTER
CM3675000	105-60-2	2H-AZEPIN-2-ONE, HEXAHYDRO-
CQ8600000	513-77-9	BARIUM CARBONATE (1:1)
CQ8750000	10361-37-2	BARIUM CHLORIDE
CQ9625000	10022-31-8	BARIUM(II) NITRATE (1:2)
CU4375000	100-52-7	BENZALDEHYDE
CV3850000	1918-13-4	BENZAMIDE, 2,6-DICHLOROTHIO-
CV9275000	56-55-3	BENZ(A)ANTHRACENE
CY1400000	71-43-2	BENZENE
CZ0175000	108-90-7	BENZENE, CHLORO-
CZ4550000	106-46-7	BENZENE, P-DICHLORO-
CZ6300000	584-84-9	BENZENE, 2,4-DIISOCYANATO-1-METHYL-
CZ9540000	123-01-3	BENZENE, DODECYL-
DA0700000	100-41-4	BENZENE, ETHYL-
DA2975000	118-74-1	BENZENE, HEXACHLORO-
DA6475000	98-95-3	BENZENE, NITRO-
DA6650000	82-68-8	BENZENE, PENTACHLORONITRO-
DB4200000	98-11-3	BENZENESULFONIC ACID
DB4370000	42615-29-2	BENZENESULFONIC ACID, ALKYL DERIVATIVE
DB4550000	68411-30-3	LINEAR ALKYL BENZENE SULFONATES (GENERIC)
DC0525000	108-98-5	BENZENETHIOL
DC2100000	120-82-1	BENZENE, 1,2,4-TRICHLORO-
DC7875000	80-06-8	BENZHYDROL, 4,4'-DICHLORO-ALPHA-METHYL-
DC8400000	115-32-2	BENZHYDROL, 4,4'-DICHLORO-ALPHA-(TRICHLOROMETHYL)-
DC9625000	92-87-5	BENZIDINE
DD0525000	91-94-1	BENZIDINE, 3,3'-DICHLORO-
DD0875000	119-90-4	BENZIDINE, 3,3'-DIMETHOXY-
DD1225000	119-93-7	BENZIDINE, 3,3'-DIMETHYL-
DD2275000	510-15-6	BENZILIC ACID, 4,4'-DICHLORO-, ETHYL ESTER
DD6475000	17804-35-2	2-BENZIMIDAZOLECARBAMIC ACID, 1-(BUTYL CARBAMOYL)-, METHYL ES
DD6500000	10605-21-7	2-BENZIMIDAZOLE CARBAMIC ACID, METHYL ESTER
DE0700000	148-79-8	BENZIMIDAZOLE, 2-(4-THIAZOLYL)-
DG0875000	65-85-0	BENZOIC ACID
DG1925000	133-90-4	BENZOIC ACID, 3-AMINO-2,5-DICHLORO-
DG7525000	1918-00-9	BENZOIC ACID, 3,6-DICHLORO-2-METHOXY
DI4025000	1689-83-4	BENZONITRILE, 3,5-DIIODO-4-HYDROXY-
DJ2800000	83-79-4	(1)BENZOPYRANO(3,4-B)FURO(2,3-H)(1)BENZOPYRAN-6(6AH)-ONE, 1,
DJ3675000	50-32-8	BENZO(A)PYRENE
DK2625000	106-51-4	P-BENZOQUINONE
DS1750000	7440-41-7	BERYLLIUM
DU8050000	92-52-4	BIPHENYL
DU8925000	92-67-1	4-BIPHENYLAMINE
DW2275000	1910-42-5	4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE
EF9100000	7726-95-6	
EI9275000	106-99-0	1,3-BUTADIENE
EI9625000	126-99-8	1,3-BUTADIENE, 2-CHLORO-
EJ0700000	87-68-3	1,3-BUTADIENE, HEXACHLORO-
EL6475000	78-93-3	2-BUTANONE
EM7650000	513-35-9	2-BUTENE, 2-METHYL-

RTECS RN	CAS RN	CHEMICAL NAME
EO1400000	71-36-3	BUTYL ALCOHOL
EO1750000	78-92-2	S-BUTYL ALCOHOL
EO1925000	75-65-0	TERT-BUTYL ALCOHOL
EO3325000	13952-84-6	SEC-BUTYLAMINE
EU9800000	7440-43-9	CADMIUM
EU9810000	543-90-8	CADMIUM(II) ACETATE
EV0175000	10108-64-2	CADMIUM CHLORIDE
EV0260000		CADMIUM COMPOUNDS
EV1925000	1306-19-0	CADMIUM OXIDE
EV2700000	10124-36-4	CADMIUM SULFATE (1:1)
EW0700000	592-01-8	CALCIUM CYANIDE
EW3100000	1305-78-8	CALCIUM OXIDE
EZ0400000	1114-71-2	CARBAMIC ACID, N-BUTYLETHYLTHIO-, S-PROPYL ESTER
EZ5075000	95-06-7	CARBAMIC ACID, DIETHYLDITHIO-, 2-CHLOROALLYL ESTER
EZ8225000	2303-16-4	CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3-DICHLOROALLYL) ESTER
EZ9084000	644-64-4	CARBAMIC ACID, DIMETHYL-, 1-((DIMETHYLAMINO)CARBONYL)-5-METH
EZ9100000	23103-98-2	CARBAMIC ACID, DIMETHYL-, 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-P
FA4550000	759-94-4	CARBAMIC ACID, DIPROPYLTHIO-, S-ETHYL ESTER
FB8050000	2631-37-0	CARBAMIC ACID, METHYL-, M-CYM-5-YL ESTER
FB9450000	1563-66-2	CARBAMIC ACID, METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURA
FC0175000	2032-59-9	CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-M-TOLYL ESTER
FC0700000	315-18-4	CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-3,5-XYLYL ESTER
FC1140000	22781-23-3	CARBAMIC ACID, METHYL-, 2,3-(DIMETHYLMETHYLENEDIOXY)PHENYL E
FC2100000	137-42-8	CARBAMIC ACID, N-METHYLDITHIO-, SODIUM SALT
FC3150000	114-26-1	CARBAMIC ACID, METHYL-, 0-ISOPROPOXYPHENYL ESTER
FC5950000	63-25-2	CARBAMIC ACID, METHYL-, 1-NAPHTHYL ESTER
FD8050000	101-21-3	CARBANILIC ACID, M-CHLORO-, ISOPROPYL ESTER
FD9100000	122-42-9	CARBANILIC ACID, ISOPROPYL ESTER
FF5250000	7440-44-0	CARBON
FF5800000	1333-86-4	CARBON BLACK
FF6400000	124-38-9	CARBON DIOXIDE
FF6650000	75-15-0	CARBON DISULFIDE
FF9100000	973-21-7	CARBONIC ACID, 2-SEC-BUTYL-4,6-DINITROPHENYL ISOPROPYL ESTER
FG3500000	630-08-0	CARBON MONOXIDE
FG4900000	56-23-5	CARBON TETRACHLORIDE
FN9770000	13477-00-4	CHLORIC ACID, BARIUM SALT
FS9100000	67-66-3	CHLOROFORM
GB2450000	7738-94-5	CHROMIC ACID
GB2750000	13765-19-0	CHROMIC ACID, CALCIUM SALT (1:1)
GB2800000	8012-75-7	CHROMIC ACID, CALCIUM SALT (1:1) DIHYDRATE
GB2940000	7789-00-6	CHROMIC ACID, DIPOTASSIUM SALT
GB2955000	7775-11-3	CHROMIC ACID, DISODIUM SALT
GB4200000	7440-47-3	CHROMIUM
GB5450000	10060-12-5	CHROMIUM(III) CHLORIDE, HEXAHYDRATE (1:3:6)
GB6262000	18540-29-9	CHROMIUM, ION (CR 6+)
GB6280000	13548-38-4	CHROMIUM(III) NITRATE
GB6650000	1333-82-0	CHROMIUM(VI) OXIDE (1:3)
GF8615000	8001-58-9	COAL TAR CREOSOTE
GF8750000	7440-48-4	COBALT
GL5325000	7440-50-8	COPPER
GL5900000	16102-92-4	COPPER ARSENATE HYDROXIDE
GL7020000	1332-40-7	COPPER CHLORIDE, MIXED WITH COPPER OXIDE, HYDRATE
GL7150000	544-92-3	COPPER CYANIDE
GL8050000	1317-39-1	COPPER (I) OXIDE
GL8800000	7758-98-7	COPPER(II) SULFATE (1:1)

RTECS RN	CAS RN	CHEMICAL NAME
GL8900000	7758-99-8	COPPER (II) SULFATE PENTAHYDRATE (1:1:5)
GN2275000		COTTON DUST
GN4200000	91-64-5	COUMARIN
GN4550000	81-81-2	COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-
GN4830000	81-82-3	COUMARIN, 3-(ALPHA-ACETONYL-P-CHLOROBENZYL)-4-HYDROXY-
GN6300000	56-72-4	COUMARIN, 3-CHLORO-7-HYDROXY-4-METHYL-, O-ESTER WITH O,O-DIE
GN7630000	5836-29-3	COUMARIN, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-
GO5950000	1319-77-3	CRESOL
GO6125000	108-39-4	M-CRESOL
GO6300000	95-48-7	O-CRESOL
GO6475000	106-44-5	P-CRESOL
GO9500000	497-56-3	O-CRESOL, 3,5-DINITRO-
GO9625000	534-52-1	O-CRESOL, 4,6-DINITRO-
GQ5250000	7786-34-7	CROTONIC ACID, 3-HYDROXY-, METHYL ESTER, DIMETHYL PHOSPHATE,
GQ5600000	485-31-4	CROTONIC ACID, 3-METHYL-, 2-SEC-BUTYL-4,6-DINITROPHENYL ESTE
GQ5775000	39300-45-3	CROTONIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER
GS6825000	590-28-3	
GS7000000	917-61-3	
GS7175000	57-12-5	CYANIDE
GV3500000	319-84-6	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (ALPHA ISOMER)
GV4900000	58-89-9	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER
GW1050000	108-94-1	CYCLOHEXANONE
GW4900000	2425-06-1	4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-((1,1,2,2-TETRACHLOROETHY
GW5075000	133-06-2	4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-(TRICHLOROMETHYL)THIO-
GW7700000	78-59-1	2-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-
GY1225000	77-47-4	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
GY1720000	6885-57-0	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI
GY1722000	7220-81-7	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI
GY1880000	6795-23-9	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI
GY1925000	1162-65-8	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DI
GY5875000	2164-08-1	1H-CYCLOPENTAPYRIMIDINE-2,4(3H,5H)-DIONE, 6,7-DIHYDRO-3-CYCL
GZ0700000	121-29-9	CYCLOPROPANACRYLIC ACID, 3-CARBOXY-ALPHA,2,2-TRIMETHYL-, 1-
GZ1250000	52315-07-8	CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROETHENYL)-2,2-DIM
GZ1255000	52645-53-1	CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROVINYL)-2,2-DIMET
GZ1310000	10453-86-8	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENY
GZ1700000	7696-12-0	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROP
GZ1750000	121-21-1	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENY
GZ1925000	584-79-2	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROP
GZ1950000	584-79-2	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROP
HP3500000	1746-01-6	DIBENZO-P-DIOXIN, 2,3,7,8-TETRACHLORO-
HX7680000	7778-50-9	DICHROMIC ACID, DIPOTASSIUM SALT
HX7700000	10588-01-9	DICHROMIC ACID, DISODIUM SALT
HX7750000	7789-12-0	DICHROMIC ACID, DISODIUM SALT, DIHYDRATE
IA3500000	55-18-5	DIETHYLAMINE, N-NITROSO-
ID5950000	111-46-6	DIETHYLENE GLYCOL
IE1225000	111-40-0	DIETHYLENETRIAMINE
IO1575000	72-20-8	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-E
IO1750000	60-57-1	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-E
IO2100000	309-00-2	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4
IP8750000	124-40-3	DIMETHYLAMINE
IQ0525000	62-75-9	DIMETHYLAMINE, N-NITROSO-
JG8225000	123-91-1	P-DIOXANE
JJ7800000	122-39-4	DIPHENYLAMINE
JJ9800000	86-30-6	DIPHENYLAMINE, N-NITROSO-
JL9700000	621-64-7	DIPROPYLAMINE, N-NITROSO-

RTECS RN	CAS RN	CHEMICAL NAME
JM5690000	85-00-7	DIPYRIDO(1,2-A:2',1'-C)PYRAZINEDIIUM, 6,7-DIHYDRO-, DIBROMID
JM5750000	4032-26-2	DIPYRIDO(1,2-A:2',1'-C)PYRAZINEDIIUM, 6,7-DIHYDRO-, DICHLORI
JO1400000	137-26-8	DISULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)
KH2100000	75-04-7	ETHANAMINE
KH5790000	72-56-0	ETHANE, 2,2-BIS(P-ETHYLPHENYL)-1,1-DICHLORO-
KH7525000	75-00-3	ETHANE, CHLORO-
KH9275000	106-93-4	ETHANE, 1,2-DIBROMO-
KI0525000	107-06-2	ETHANE, 1,2-DICHLORO-
KI0700000	72-54-8	ETHANE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-
KI1101000	76-14-2	ETHANE, 1,2-DICHLORO-1,1,2,2-TETRAFLUORO-
KI4025000	67-72-1	ETHANE, HEXACHLORO-
KI5775000	60-29-7	ETHANE, 1,1'-OXYBIS-
KI6300000	76-01-7	ETHANE, PENTACHLORO-
KI8450000	630-20-6	ETHANE, 1,1,1,2-TETRACHLORO-
KI8575000	79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-
KI9625000	75-08-1	ETHANETHIOL
KJ2975000	71-55-6	ETHANE, 1,1,1-TRICHLORO-
KJ3150000	79-00-5	ETHANE, 1,1,2-TRICHLORO-
KJ3325000	50-29-3	ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-CHLOROPHENYL)-
KJ3675000	72-43-5	ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-METHOXYPHENYL)-
KJ8575000	111-76-2	ETHANOL, 2-BUTOXY-
KK8050000	110-80-5	ETHANOL, 2-ETHOXY-
KL5775000	109-86-4	ETHANOL, 2-METHOXY-
KL5950000	110-49-6	ETHANOL, 2-METHOXY-, ACETATE
KN1575000	542-88-1	ETHER, BIS(CHLOROMETHYL)-
KN1750000	108-60-1	ETHER, BIS(2-CHLORO-1-METHYLETHYL)
KN6650000	107-30-2	ETHER, CHLOROMETHYL METHYL
KN8400000	1836-75-5	ETHER, 2,4-DICHLOROPHENYL P-NITROPHENYL
KN8970000	101-84-8	ETHER, DIPHENYL
KO4200000	57321-63-8	ETHER, TRICHLOROPHENYL
KU9625000	75-01-4	ETHYLENE, CHLORO-
KV0350000	9002-86-2	ETHYLENE, CHLORO-, POLYMER
KV9275000	75-35-4	ETHYLENE, 1,1-DICHLORO-
KV9360000	540-59-0	ETHYLENE, 1,2-DICHLORO-
KX2450000	75-21-8	ETHYLENE OXIDE
KX3850000	127-18-4	ETHYLENE, TETRACHLORO-
KX4550000	79-01-6	ETHYLENE, TRICHLORO-
LJ9100000	7705-08-0	FERRIC CHLORIDE
LK5060000	59536-65-1	FIREMASTER BP6
LK5065000	67774-32-7	FIREMASTER FF1
LL4025000	206-44-0	FLUORANTHENE
LP8925000	50-00-0	FORMALDEHYDE
LQ0525000	75-12-7	FORMAMIDE
LQ2100000	68-12-2	FORMAMIDE, N,N-DIMETHYL-
LQ4375000	6164-98-3	FORMAMIDINE, N'-(4-CHLORO-O-TOLYL)-N,N-DIMETHYL-
LQ4900000	64-18-6	FORMIC ACID
LS8950000		
LT7000000	98-01-1	2-FURALDEHYDE
LU9100000	98-00-0	FURFURYL ALCOHOL
LV1700000	7241-98-7	1H,12H-FURO(3',2':4,5)FURO(2,3H)PYRANO(3,4-C)(1)BENZOPYRAN-1
LV1720000	1165-39-5	1H,12H-FURO(3',2':4,5)FURO(2,3-H)PYRANO(3,4-C)(1)BENZOPYRAN-
MC1075000	1071-83-6	GLYCINE, N-(PHOSPHONOMETHYL)-
MF1750000	2439-10-3	GUANIDINE, DODECYL-, ACETATE
MJ5775000	108-83-8	4-HEPTANONE, 2,6-DIMETHYL-
MN9275000	110-54-3	HEXANE

RTECS RN	CAS RN	CHEMICAL NAME
MP1400000	591-78-6	2-HEXANONE
MU7175000	302-01-2	HYDRAZINE
MV8925000	100-63-0	HYDRAZINE, PHENYL-
MW2625000	122-66-7	HYDRAZOBENZENE
MW4025000	7647-01-0	HYDROCHLORIC ACID
MW6825000	74-90-8	HYDROCYANIC ACID
MW7050000		
MW7875000	7664-39-3	HYDROFLUORIC ACID
MX0900000	7722-84-1	HYDROGEN PEROXIDE
MX3500000	123-31-9	HYDROQUINONE
NI9625000	96-45-7	2-IMIDAZOLIDINETHIONE
NK5335000	3691-35-8	1,3-INDANDIONE, 2-((P-CHLOROPHENYL)PHENYLACETATE)-
NK6300000	83-26-1	1,3-INDANDIONE, 2-PIVALOYL-
NO8510000	7782-63-0	IRON(II) SULFATE (1:1), HEPTAHYDRATE
NO8750000	14484-64-1	IRON, TRIS(DIMETHYLDITHIOCARBAMATO)-
NP9625000	78-83-1	ISOBUTYL ALCOHOL
NQ9450000	624-83-9	ISOCYANIC ACID, METHYL ESTER
NT2600000	1897-45-6	ISOPHTHALONITRILE, TETRACHLORO-
NT4037000	78-79-5	ISOPRENE
NT8400000	75-31-0	ISOPROPYLAMINE
NY2800000	5707-69-7	4,5-ISOXAZOLEDIONE, 3-METHYL-, 4-((O-CHLOROPHENYL)HYDRAZONE)
OF7525000	7439-92-1	LEAD
OF8750000	1335-32-6	LEAD, BIS(ACETATE) TETRAHYDROXY
OF9275000	598-63-0	LEAD CARBONATE
OG2100000	10099-74-8	LEAD NITRATE
OG3675000	7446-27-7	LEAD PHOSPHATE
OJ6125000	7789-24-4	LITHIUM FLUORIDE
ON3675000	108-31-6	MALEIC ANHYDRIDE
OO9275000	7439-96-5	MANGANESE
OP0700000	12427-38-2	MANGANESE, (ETHYLENEBIS(DITHIOCARBAMATO))-
OV4550000	7439-97-6	MERCURY
OV6475000	62-38-4	MERCURY, (ACETATO)PHENYL-
OV8750000	7546-30-7	MERCURY(I) CHLORIDE
OV9100000	7487-94-7	MERCURY(II) CHLORIDE
OW6320000	22967-92-6	MERCURY(1+), METHYL-, ION
OW8750000	21908-53-2	MERCURY(II) OXIDE
PA4900000	74-83-9	METHANE, BROMO-
PA6390000	75-45-6	METHANE, CHLORODIFLUORO-
PA8050000	75-09-2	METHANE, DICHLORO-
PA8200000	75-71-8	METHANE, DICHLORODIFLUORO-
PA9800000	75-52-5	METHANE, NITRO-
PB5600000	75-25-2	METHANE, TRIBROMO-
PB6125000	75-69-4	METHANE, TRICHLOROFUORO-
PB6300000	76-06-2	METHANE, TRICHLORONITRO-
PB9450000	1024-57-3	4,7-METHANOINDAN, 1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-3A,4,7
PB9800000	57-74-9	4,7-METHANOINDAN, 1,2,4,5,6,7,8,8-OCTACHLORO-3A,4,7,7A-TETRA
PC0700000	76-44-8	4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRA
PC1400000	67-56-1	METHANOL
PC8225000	2385-85-5	1,3,4-METHENO-1H-CYCLOBUTA(CD)PENTALENE, 1,1A,2,2,3,3A,4,5,5
PC8575000	143-50-0	1,3,4-METHENO-2H-CYCLOBUTA(CD)PENTALEN-2-ONE, 1,1A,3,3A,4,5,
PY8030000	8012-95-1	MINERAL OIL
QD6475000	110-91-8	MORPHOLINE
QI8750000	60-54-8	TETRACYCLINE
QJ2100000	90-13-1	NAPHTHALENE, 1-CHLORO-
QJ2275000	91-58-7	NAPHTHALENE, 2-CHLORO-

RTECS RN	CAS RN	CHEMICAL NAME
QJ7350000	1335-87-1	NAPHTHALENE, HEXACHLORO-
QK0250000	2234-13-1	NAPHTHALENE, OCTACHLORO-
QK0300000	1321-64-8	NAPHTHALENE, PENTACHLORO-
QK9100000	1338-02-9	NAPHTHENIC ACID, COPPER SALT
QL0700000	3347-22-6	NAPHTO(2,3-B)-P-DITHIIN-2,3-DICARBONITRILE, 5,10-DIHYDRO-5,
QM2100000	91-59-8	2-NAPHTHYLAMINE
QR5950000	7440-02-0	NICKEL
QR6300000	13463-39-3	NICKEL CARBONYL
QS5250000	54-11-5	NICOTINE
QS9625000	65-30-5	NICOTINE SULFATE
QU5775000	7697-37-2	NITRIC ACID
QW9700000	7727-37-9	NITROGEN (GENERIC)
RA1225000	7632-00-0	NITROUS ACID, SODIUM SALT
RB8750000	991-42-4	5-NORBORENE-2,3-DICARBOXIMIDE, 5-(ALPHA-HYDROXY-ALPHA-2-PYRI
RB9275000	115-29-7	5-NORBORNENE-2,3-DIMETHANOL, 1,4,5,6,7,7-HEXACHLORO-, CYCLIC
RN7875000	145-73-3	7-OXABICYCLO(2,2,1)-HEPTANE-2,3-DICARBOXYLIC ACID
RO0835000	20354-26-1	1,2,4-OXADIAZOLIDINE-3,5-DIONE, 2-(3,4-DICHLOROPHENYL)-4-MET
RP2300000	23135-22-0	OXAMIMIDIC ACID, N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-M
RP4550000	5234-68-4	1,4-OXATHIIN-3-CARBOXAMIDE, 5,6-DIHYDRO-2-METHYL-N-PHENYL-
RS2060000	7782-44-7	OXYGEN
RS8225000	10028-15-6	OZONE
SA9275000	108-10-1	2-PENTANONE, 4-METHYL-
SC7500000	7601-90-3	PERCHLORIC ACID
SD6475000	7722-64-7	PERMANGANIC ACID, POTASSIUM SALT
SE0350000	7727-54-0	PEROXYDISULFURIC ACID, DIAMMONIUM SALT
SE7175000	8002-05-9	PETROLEUM
SE7449000		PETROLEUM HYDROCARBONS - MINERAL OILS
SE7555000	8030-30-6	PETROLEUM SPIRITS
SJ3325000	108-95-2	PHENOL
SJ9800000	88-85-7	PHENOL, 2-SEC-BUTYL-4,6-DINITRO-
SK2450000	108-43-0	PHENOL, M-CHLORO-
SK2625000	95-57-8	PHENOL, O-CHLORO-
SK2800000	106-48-9	PHENOL, P-CHLORO-
SK8575000	120-83-2	PHENOL, 2,4-DICHLORO-
SK8750000	87-65-0	PHENOL, 2,6-DICHLORO-
SL2800000	51-28-5	PHENOL, 2,4-DINITRO-
SM0700000	70-30-4	PHENOL, 2,2'-METHYLENEBIS(3,4,6-TRICHLORO)-
SM1925000	554-84-7	PHENOL, 3-NITRO-
SM2100000	88-75-5	PHENOL, 2-NITRO-
SM2275000	100-02-7	PHENOL, 4-NITRO-
SM6300000	87-86-5	PENTACHLOROPHENOL
SM9200000	4901-51-3	PHENOL, 2,3,4,5-TETRACHLORO-
SN1400000	95-95-4	PHENOL, 2,4,5-TRICHLORO-
SN1575000	88-06-2	PHENOL, 2,4,6-TRICHLORO-
SS7700000	108-45-2	M-PHENYLENEDIAMINE
SS7875000	95-54-5	O-PHENYLENEDIAMINE
SS8050000	106-50-3	P-PHENYLENEDIAMINE
ST1050000	99-98-9	P-PHENYLENEDIAMINE, N,N-DIMETHYL
ST2690000	615-05-4	M-PHENYLENEDIAMINE, 4-METHOXY-
SY5600000	75-44-5	PHOSGENE
SY7525000	7803-51-2	PHOSPHINE
SZ7100000	16672-87-0	PHOSPHONIC ACID, (2-CHLOROETHYL)-
TA0700000	52-68-6	PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL
TB0700000	327-98-0	PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL-, O-(2,4,5-TRICHLOROPH
TB1720000	21609-90-5	PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-BROMO-2,5-DICHLOROPHENYL

RTECS RN	CAS RN	CHEMICAL NAME
TB1925000	2104-64-5	PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(P-NITROPHENYL) EST
TB4970000	10265-92-6	PHOSPHORAMIDOTHIOIC ACID, O,S-DIMETHYL ESTER
TB6300000	7664-38-2	PHOSPHORIC ACID
TB8750000	470-90-6	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,-DICHLORPHENYL) VINYL DIETH
TB9100000	22248-79-9	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5,-TRICHLORPHENYL) VINYL DI
TB9450000	300-76-5	PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYLESTE
TC0350000	62-73-7	PHOSPHORIC ACID, 2,2-DICHLOROVINYL DIMETHYL ESTER
TC2275000	311-45-5	
TC2800000	13171-21-6	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH 2-CHLORO-N,N-DIE
TC3850000	141-66-2	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N,
TC4375000	6923-22-4	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N-
TC5250000	950-35-6	
TC8400000	115-86-6	PHOSPHORIC ACID, TRIPHENYL ESTER
TC9490000	7601-54-9	PHOSPHORIC ACID, TRISODIUM SALT
TD4025000	115-26-4	PHOSPHORODIAMIDIC FLUORIDE, TETRAMETHYL-
TD5175000	2310-17-0	PHOSPHORODITHIOIC ACID, S-((6-CHLORO-2-OXO-3(2H)-BENZOXAZOLY
TD5250000	786-19-6	PHOSPHORODITHIOIC ACID, S-(((P-CHLOROPHENYL)THIO)METHYL)O,O-
TD5600000	78-57-9	PHOSPHORODITHIOIC ACID, S-((4,6-DIAMINO-S-TRIAZIN-2-YL)METHY
TD8400000	2642-71-9	PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER WITH 3-(M
TD9275000	298-04-4	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(2-(ETHYLTHIO)ETHYL) E
TD9450000	298-02-2	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(ETHYLTHIO)METHYL ESTE
TE1050000	2540-82-1	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH N-F
TE1575000	919-76-6	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 2-M
TE1750000	60-51-5	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 2-M
TE1925000	86-50-0	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 3-(
TE2100000	950-37-8	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH 4-(
TE2275000	732-11-6	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER WITH N-(
TE3350000	78-34-2	PHOSPHORODITHIOIC ACID, S,S'-P-DIOXANE-2,3-DIYL O,O,O',O'-TE
TE3850000	17109-49-8	PHOSPHORODITHIOIC ACID, O-ETHYL-S,S-DIPHENYL ESTER
TE4375000	640-15-3	PHOSPHORODITHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL
TE4550000	563-12-2	PHOSPHORODITHIOIC ACID, S,S'-METHYLENE O,O,O',O'-TETRAETHYL
TE7000000	4824-78-6	PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIE
TE7175000	2104-96-3	PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL)O,O-DIME
TF0350000	97-17-6	PHOSPHOROTHIOIC ACID, O-(2,4-DICHLOROPHENYL)-O,O-DIETHYL EST
TF0490000	1634-78-2	
TF0525000	78-53-5	PHOSPHOROTHIOIC ACID, S-(2-(DIETHYLAMINO)ETHYL) O,O-DIETHYL
TF1410000	29232-93-7	PHOSPHOROTHIOIC ACID, O-(2-(DIETHYLAMINO)-6-METHYL)4-PYRIDIN
TF1610000	23505-41-1	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-DIETHYLAMINO)-6-METHY
TF3150000	8065-48-3	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-(ETHYLTHIO)ETHYL) EST
TF3325000	333-41-5	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-ISOPROPYL-6-METHYL-4-
TF3850000	115-90-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(P-(METHYLSULFINYL)PHENY
TF4550000	56-38-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(P-NITROPHENYL) ESTER
TF6300000	2921-88-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(3,5,6-TRICHLORO-2-PYRID
TF6890000	3383-96-8	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O,O-DIESTER WITH 4
TF7900000	2275-23-2	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER WITH 2-((2-
TF8050000	1113-02-6	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER WITH 2-MERC
TF8350000	38260-54-7	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(6-ETHOXY-2-ETHYL-4-PYR
TF9625000	55-38-9	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-, O-(4-METHYLTHIO)-M-TOLY
TG0175000	298-00-0	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-, O-(P-NITROPHENYL) ESTER
TG0350000	122-14-5	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITRO-M-TOLYL) ESTER
TG0525000	299-84-3	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O(2,4,5-TRICHLOROPHENYL)
TG1750000	919-86-8	PHOSPHOROTHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ES
TH3500000	7723-14-0	PHOSPHORUS (WHITE)
TH7351000	132-67-2	PHTHALAMIC ACID, N-1-NAPHTHYL-, MONOSODIUM SALT
TH9990000	85-68-7	PHTHALIC ACID, BENZYL BUTYL ESTER

RTECS RN	CAS RN	CHEMICAL NAME
TI0350000	117-81-7	PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER
TI0875000	84-74-2	PHTHALIC ACID, DIBUTYL ESTER
TI1050000	84-66-2	PHTHALIC ACID, DIETHYL ESTER
TI1575000	131-11-3	PHTHALIC ACID, DIMETHYL ESTER
TI5685000	133-07-3	PHTHALIMIDE, N-((TRICHLOROMETHYL)THIO)-
TJ7525000	1918-02-1	PICOLINIC ACID, 4-AMINO-3,5,6-TRICHLORO-
TJ7875000	88-89-1	PICRIC ACID
TK9200000	26644-46-2	PIPERAZINE, 1,4-BIS(1-FORMAMIDO-2,2,2-TRICHLOROETHYL)-
TP4550000	78-00-2	PLUMBANE, TETRAETHYL-
TP4725000	75-74-1	PLUMBANE, TETRAMETHYL-
TQ1350000	1336-36-3	POLYCHLORINATED BIPHENYLS
TQ1356000	53469-21-9	POLYCHLORINATED BIPHENYL (AROCLOR 1242)
TQ1360000	11097-69-1	POLYCHLORINATED BIPHENYL (AROCLOR 1254)
TQ1362000	11096-82-5	POLYCHLORINATED BIPHENYL (AROCLOR 1260)
TQ1385000	12642-23-8	POLYCHLORINATED TRIPHENYL (AROCLOR 5442)
TQ1390000	11126-42-4	POLYCHLORINATED TRIPHENYL (AROCLOR 5460)
TQ3325000	9002-88-4	POLYETHYLENE
TR5250000	25322-69-4	POLYPROPYLENE GLYCOL
TX2275000	74-98-6	PROPANE
TX4900000	106-89-8	PROPANE, 1-CHLORO-2,3-EPOXY-
TX8750000	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE
TX9625000	78-87-5	PROPANE, 1,2-DICHLORO-
TZ2975000	75-56-9	PROPANE, 1,2-EPOXY-
TZ5250000	79-46-9	PROPANE, 2-NITRO-
UC7350000	107-05-1	PROPENE, 3-CHLORO-
UC8310000	542-75-6	PROPENE, 1,3-DICHLORO-
UE2275000	116-06-3	PROPIONALDEHYDE, 2-METHYL-2-(METHYLTHIO)-, 0-(METHYL CARBAMOY
UE9750000	93-65-2	PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-
UF0690000	75-99-0	PROPIONIC ACID, 2,2-DICHLORO-
UF1225000	127-20-8	PROPIONIC ACID, 2,2-DICHLORO-, SODIUM SALT
UF1400000	136-25-4	PROPIONIC ACID, 2,2-DICHLORO-, 2-(2,4,5-TRICHLOROPHENOXY)ETH
UF9625000	107-12-0	PROPIONITRILE
UH8225000	71-23-8	PROPYL ALCOHOL
UR2450000	129-00-0	PYRENE
UR4200000	8003-34-7	PYRETHRUM
UR5950000	123-33-1	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
UR8400000	110-86-1	PYRIDINE
UX1050000	120-80-9	PYROCATECHOL
UX2800000	87-66-1	PYROGALLOL
UX5950000	152-16-9	PYROPHOSPHORAMIDE, OCTAMETHYL-
UX6825000	107-49-3	PYROPHOSPHORIC ACID, TETRAETHYL ESTER
VG9625000	108-46-3	RESORCINOL
VH1050000	101-90-6	RESORCINOL, DIGLYCIDYL-
VN8400000	50-65-7	SALICYLANILIDE, 2',5-DICHLORO-4'-NITRO
VO5075000	54-21-7	SALICYLIC ACID, MONOSODIUM SALT
VS6650000	13410-01-0	SELENIC ACID, DISODIUM SALT
VS7700000	7782-49-2	SELENIUM
VV7330000	14808-60-7	SILICA, CRYSTALLINE - QUARTZ
VW0525000	10026-04-7	SILICON CHLORIDE (SiCl ₄)
VW2327000	7783-61-1	SILICON FLUORIDE
WB0350000	7681-49-4	SODIUM FLUORIDE
WB0360000	7681-49-4	SODIUM FLUORIDE (SOLUTION)
WB4900000	1310-73-2	SODIUM HYDROXIDE
WC5600000	7631-99-4	SODIUM NITRATE
WH6650000	900-95-8	STANNANE, ACETOXYTRIPHENYL-

RTECS RN	CAS RN	CHEMICAL NAME
WH8575000	76-87-9	STANNANE, HYDROXYTRIPHENYL-
WK4375000	57-92-1	STREPTOMYCIN
WL2275000	57-24-9	STRYCHNINE
WL2550000	60-41-3	STRYCHNINE, SULFATE (2:1)
WL3675000	100-42-5	STYRENE
WL6475000	9003-53-6	STYRENE POLYMER
WM4900000	110-15-6	SUCCINIC ACID
WM8400000	121-75-5	SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, S-ESTER WITH O,O-DI
WO5950000	5329-14-6	SULFAMIC ACID
WO8400000	63-74-1	SULFONAMIDE
WQ2975000	103-17-3	SULFIDE, P-CHLOROBENZYL P-CHLOROPHENYL
WR5850000	116-29-0	SULFONE, P-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL
WS4250000	7704-34-9	SULFUR
WS5600000	7664-93-9	SULFURIC ACID
WS8225000	77-78-1	SULFURIC ACID, DIMETHYL ESTER
WT2975000	140-57-8	SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLORO
WY2625000	13494-80-9	TELLURIUM
WZ1500000	1861-32-1	TEREPHTHALIC ACID, TETRACHLORO-, DIMETHYL ESTER
XF9900000	108-62-3	1,3,5,7-TETROXOCANE, 2,4,6,8-TETRAMETHYL-
XG3425000	7440-28-0	THALLIUM
XG4200000	7791-12-0	THALLIUM(I) CHLORIDE
XM5150000	7719-09-7	THIONYL CHLORIDE
XN4375000	3689-24-5	THIOPYROPHOSPHORIC ACID, TETRAETHYL ESTER
XP7320000	7440-31-5	TIN
XR2275000	13463-67-7	TITANIUM OXIDE
XS5250000	108-88-3	TOLUENE
XS8050000	51-03-6	TOLUENE, ALPHA-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-(METHYLENEDIOX
XU4550000	1861-40-1	P-TOLUIDINE, N-BUTYL-N-ETHYL-ALPHA,ALPHA,ALPHA-TRIFLUORO-2.6
XU5250000	3165-93-3	O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE
XU9275000	1582-09-8	P-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-2,6-DINITRO-N,N-DIP
XW5250000	8001-35-2	TOXAPHENE
XY5250000	122-34-9	S-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLAMINO)-
XY5600000	1912-24-9	S-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-
YO8400000	8006-64-2	TURPENTINE
YQ9100000	314-40-9	URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL-
YR6250000	57-13-6	UREA
YS3325000	3060-89-7	UREA, 3-(P-BROMOPHENYL)-1-METHOXY-1-METHYL-
YS6125000	1982-47-4	UREA, 3-(P-(P-CHLOROPHENOXY)PHENYL)-1,1-DIMETHYL-
YS6200000	35367-38-5	UREA, 1-(P-CHLOROPHENYL)-3-(2,6-DIFLUOROBENZOYL)-
YS6300000	150-68-5	UREA, 3-(P-CHLOROPHENYL)-1,1-DIMETHYL-
YS6425000	1746-81-2	UREA, 3-(P-CHLOROPHENYL)-1-METHOXY-1-METHYL-
YS8925000	330-54-1	UREA, 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYL-
YS9100000	330-55-2	UREA, 3-(3,4-DICHLOROPHENYL)-1-METHOXY-1-METHYL-
YT1450000	101-42-8	UREA, 1,1-DIMETHYL-3-PHENYL-
YT4550000	2163-79-3	UREA, 3-(HEXAHYDRO-4,7-METHANOINDAN-5-YL)1,1-DIMETHYL-
YT7350000	1982-49-6	UREA, 1-(2-METHYLCYCLOHEXYL)-3-PHENYL-
YT9275000	86-88-4	UREA, 1-(1-NAPHTHYL)-2-THIO
YV3600000	110-62-3	VALERALDEHYDE
ZB3200000	8018-01-7	DITHANE M-45
ZE2275000	108-38-3	M-XYLENE
ZE2450000	95-47-6	O-XYLENE
ZE2625000	106-42-3	P-XYLENE
ZE8575000	1300-73-8	XYLIDINE
ZG8600000	7440-66-6	ZINC
ZH0525000	137-30-4	ZINC, BIS(DIMETHYLDITHIOCARBAMATO)-

RTECS RN	CAS RN	CHEMICAL NAME
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ZH1400000	7646-85-7	ZINC CHLORIDE
ZH1575000	557-21-1	ZINC CYANIDE
ZH3325000	12122-67-7	ZINC, (ETHYLENEBIS(DITHIOCARBAMATO))-
ZH4810000	1314-13-2	ZINC OXIDE
ZH4950000	12071-83-9	ZINC (N,N'-PROPYLENE-1,2-BIS(DITHIOCARBAMATE))
ZH9100000	14644-61-2	ZIRCONIUM(IV) SULFATE (1:2)

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CAS	RTECS
100-02-7	SM2275000
100-41-4	DA0700000
100-42-5	WL3675000
100-52-7	CU4375000
100-63-0	MV8925000
10022-31-8	CQ9625000
10026-04-7	VW0525000
10028-15-6	RS8225000
10048-95-0	CG0900000
10060-12-5	GB5450000
10099-74-8	OG2100000
101-21-3	FD8050000
101-42-8	YT1450000
101-80-4	BY7900000
101-84-8	KN8970000
101-90-6	VH1050000
10108-64-2	EV0175000
10124-36-4	EV2700000
1013-07-8	
1024-57-3	PB9450000
10265-92-6	TB4970000
103-17-3	WQ2975000
103-84-4	AD7350000
10361-37-2	CQ8750000
10453-86-8	GZ1310000
105-60-2	CM3675000
10588-01-9	HX7700000
106-42-3	ZE2625000
106-44-5	GO6475000
106-46-7	CZ4550000
106-48-9	SK2800000
106-50-3	SS8050000
106-51-4	DK2625000
106-89-8	TX4900000
106-93-4	KH9275000
106-99-0	EI9275000
10605-21-7	DD6500000
107-02-8	AS1050000
107-05-1	UC7350000
107-06-2	KI0525000
107-12-0	UF9625000
107-13-1	AT5250000
107-18-6	BA5075000
107-30-2	KN6650000
107-49-3	UX6825000
1071-83-6	MC1075000
108-10-1	SA9275000
108-31-6	ON3675000
108-38-3	ZE2275000
108-38-8	MJ5775000
108-39-4	GO6125000
108-43-0	SK2450000
108-45-2	SS7700000

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CAS	RTECS
108-46-3	VG9625000
108-60-1	KN1750000
108-62-3	XF9900000
108-83-8	MJ5775000
108-88-3	XS5250000
108-90-7	CZ0175000
108-94-1	GW1050000
108-95-2	SJ3325000
108-98-5	DC0525000
109-86-4	KL5775000
110-15-6	WM4900000
110-49-6	KL5950000
110-54-3	MN9275000
110-62-3	YV3600000
110-80-5	KK8050000
110-86-1	UR8400000
110-91-8	QD6475000
11096-82-5	TQ1362000
11097-69-1	TQ1360000
111-40-0	IE1225000
111-46-6	ID5950000
111-76-2	KJ8575000
11104-28-2	TQ1350000
11126-42-4	TQ1390000
1113-02-6	TF8050000
1114-71-2	EZ0400000
113-02-6	TF8050000
114-26-1	FC3150000
115-26-4	TD4025000
115-29-7	RB9275000
115-32-2	DC8400000
115-86-6	TC8400000
115-90-2	TF3850000
116-06-3	UE2275000
116-29-0	WR5850000
1162-65-8	GY1925000
1165-39-5	LV1720000
117-81-7	TI0350000
118-74-1	DA2975000
119-90-4	DD0875000
119-93-7	DD1225000
120-12-7	CA9350000
120-80-9	UX1050000
120-82-1	DC2100000
120-83-2	SK8575000
12071-83-9	ZH4950000
121-21-1	GZ1750000
121-29-9	GZ0700000
121-75-5	WM8400000
12122-67-7	ZH3325000
12125-02-9	BP4550000
122-14-5	TG0350000
122-34-9	XY5250000

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CAS	RTECS
122-39-4	JJ7800000
122-42-9	FD9100000
122-66-7	MW2625000
123-01-3	CZ9540000
123-31-9	MX3500000
123-33-1	UR5950000
123-39-4	JJ7800000
123-91-1	JG8225000
124-04-9	AU8400000
124-38-9	FF6400000
124-40-3	IP8750000
12427-38-2	OP0700000
126-99-8	EI9625000
12642-23-8	TQ1385000
127-18-4	KX3850000
127-20-8	UF1225000
129-00-0	UR2450000
1300-73-8	ZE8575000
1303-28-2	CG2275000
1305-78-8	EW3100000
1306-19-0	EV1925000
131-11-3	TI1575000
1310-73-2	WB4900000
1314-13-2	ZH4810000
1317-39-1	GL8050000
13171-21-6	TC2800000
1319-77-3	G05950000
132-67-2	TH7351000
1321-64-8	QK0300000
1327-53-3	CG3325000
133-06-2	GW5075000
133-07-2	TI5685000
133-07-3	TI5685000
133-82-0	GB6650000
133-90-4	DG1925000
1332-21-4	CI6475000
1332-40-7	GL7020000
1333-82-0	GB6650000
1333-86-4	FF5800000
1335-32-6	OF8750000
1335-87-1	QJ7350000
1336-21-6	BQ9625000
1336-36-3	TQ1350000
1338-02-9	QK9100000
13410-01-0	VS6650000
13463-39-3	QR6300000
13463-67-7	XR2275000
13477-00-4	FN9770000
13494-80-9	WY2625000
13548-38-4	GB6280000
136-25-4	UF1400000
137-26-8	JO1400000
137-30-4	ZH0525000

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CAS	RTECS
137-42-8	FC2100000
13765-19-0	GB2750000
13952-84-6	EO3325000
140-57-8	WT2975000
140-88-5	AT0700000
1402-68-2	AW5950000
141-66-2	TC3850000
141-78-6	AH5425000
143-50-0	PC8575000
14484-64-1	NO8750000
145-73-3	RN7875000
148-79-8	DE0700000
14808-60-7	VV7330000
150-68-5	YS6300000
152-16-9	UX5950000
1563-66-2	FB9450000
1582-09-8	XU9275000
15972-60-8	AE1225000
16102-92-4	GL5900000
1634-78-2	TF0490000
16672-87-0	SZ7100000
16752-77-5	AK2975000
1689-83-4	DI4025000
17109-49-8	TE3850000
1746-01-6	HP3500000
1746-81-2	YS6425000
17804-35-2	DD6475000
1836-75-5	KN8400000
18530-56-8	YT4550000
18540-29-9	GB6262000
1861-32-1	WZ1500000
1861-40-1	XU4550000
1897-45-6	NT2600000
1910-42-5	DW2275000
1912-24-9	XY5600000
1918-00-9	DG7525000
1918-02-1	TJ7525000
1918-13-4	CV3850000
1918-16-7	AE1575000
19480-43-4	AG1575000
1982-47-4	YS6125000
1982-49-6	YT7350000
2032-59-9	FC0175000
20354-26-1	RO0835000
206-44-0	LL4025000
20859-73-8	BD1400000
2104-64-5	TB1925000
2104-96-3	TE7175000
21609-90-5	TB1720000
2163-79-3	YT4550000
2164-08-1	GY5875000
21645-51-2	BD0940000
21908-53-2	OW8750000

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CAS	RTECS
2212-67-1	CM2625000
22248-79-9	TB9100000
2234-13-1	QK0250000
2275-23-2	TF7900000
22781-23-3	FC1140000
22967-92-6	OW6320000
2303-16-4	EZ8225000
2310-17-0	TD5175000
23103-98-2	EZ9100000
23135-22-0	RP2300000
23505-41-1	TF1610000
23564-05-8	BA3675000
23564-06-9	BA3650000
2385-85-5	PC8225000
2425-06-1	GW4900000
2439-10-3	MF1750000
24959-67-9	
25322-69-4	TR5250000
2540-82-1	TE1050000
2597-03-7	AI7875000
260-94-6	AR7175000
2631-37-0	FB8050000
2642-71-9	TD8400000
26644-46-2	TK9200000
2813-95-8	AF7140000
2921-88-2	TF6300000
29232-93-7	TF1410000
298-00-0	TG0175000
298-02-2	TD9450000
298-04-4	TD9275000
299-84-3	TG0525000
300-76-5	TB9450000
301-04-2	AI5250000
302-01-2	MU7175000
3060-89-7	YS3325000
309-00-2	IO2100000
311-45-5	TC2275000
314-40-9	YQ9100000
315-18-4	FC0700000
3165-93-3	XU5250000
319-84-6	GV3500000
327-98-0	TB0700000
330-54-1	YS8925000
330-55-2	YS9100000
33213-65-9	
333-41-5	TF3325000
3347-22-6	QL0700000
3383-96-8	TF6890000
35367-38-5	YS6200000
36355-01-8	LK5065000
3653-48-3	AG2625000
3689-24-5	XN4375000
3691-35-8	NK5335000

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CAS	RTECS
37764-25-3	AB6080000
38260-54-7	TF8350000
39300-45-3	GQ5775000
4032-26-2	JM5750000
42615-29-2	DB4370000
470-90-6	TB8750000
4824-78-6	TE7000000
485-31-4	GQ5600000
4901-51-3	SM9200000
497-56-3	GO9500000
50-00-0	LP8925000
50-29-3	KJ3325000
50-32-8	DJ3675000
50-65-7	VN8400000
506-96-7	AO5955000
51-03-6	XS8050000
51-28-5	SL2800000
510-15-6	DD2275000
513-35-9	EM7650000
513-77-9	CQ8600000
52-68-6	TA0700000
52315-07-8	GZ1250000
5234-68-4	RP4550000
52645-53-1	GZ1255000
5329-14-6	WO5950000
534-52-1	GO9625000
53469-21-9	TQ1356000
54-11-5	QS5250000
54-21-7	VO5075000
540-59-0	KV9360000
542-75-6	UC8310000
542-88-1	KN1575000
543-90-8	EU9810000
544-92-3	GL7150000
55-18-5	IA3500000
55-38-9	TF9625000
550-51-1	AJ9100000
554-84-7	SM1925000
557-21-1	ZH1575000
56-23-5	FG4900000
56-38-2	TF4550000
56-55-3	CV9275000
56-72-4	GN6300000
563-12-2	TE4550000
57-12-2	GS7175000
57-12-5	GS7175000
57-13-6	YR6250000
57-24-9	WL2275000
57-74-9	PB9800000
57-92-1	WK4375000
5707-69-7	NY2800000
57321-63-8	KO4200000
58-89-9	GV4900000

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CAS	RTECS
5836-29-3	GN7630000
584-79-2	GZ1925000
584-84-9	CZ6300000
59-89-9	GV4900000
590-28-3	GS6825000
591-78-6	MP1400000
592-01-8	EW0700000
59536-65-1	LK5060000
598-63-0	OF9275000
60-29-7	KI5775000
60-41-3	WL2550000
60-51-5	TE1750000
60-54-8	QI8750000
60-57-1	IO1750000
60-75-1	IO1750000
602-87-9	AB1060000
615-05-4	ST2690000
6164-98-3	LQ4375000
6164-98-6	LQ4375000
62-38-4	OV6475000
62-53-3	BW6650000
62-73-7	TC0350000
62-74-8	AH9100000
62-75-9	IQ0525000
621-64-7	JL9700000
624-83-9	NQ9450000
63-25-2	FC5950000
63-74-1	W08400000
630-08-0	FG3500000
630-20-6	KI8450000
64-18-6	LQ4900000
64-19-7	AF1225000
640-15-3	TE4375000
644-64-4	EZ9084000
6484-52-2	BR9050000
65-30-5	QS9625000
65-85-0	DG0875000
650-51-1	AJ9100000
67-56-1	PC1400000
67-64-1	AL3150000
67-66-3	FS9100000
67-72-1	KI4025000
67774-32-7	LK5065000
6795-23-9	GY1880000
68-12-2	LQ2100000
68411-30-3	DB4550000
6885-57-0	GY1720000
6923-22-4	TC4375000
70-30-4	SM0700000
7085-19-0	UE9750000
71-23-8	UH8225000
71-36-3	EO1400000
71-43-2	CY1400000

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CAS	RTECS
71-55-6	KJ2975000
72-20-8	IO1575000
72-43-5	KJ3675000
72-54-8	KI0700000
72-56-0	KH5790000
7220-81-7	GY1722000
7241-98-7	LV1700000
732-11-6	TE2275000
74-83-9	PA4900000
74-86-2	AO9600000
74-90-8	MW6825000
74-98-6	TX2275000
7429-90-5	BD0330000
7434-97-6	OV4550000
7439-92-1	OF7525000
7439-96-5	OO9275000
7439-97-6	OV4550000
7440-02-0	QR5950000
7440-28-0	XG3425000
7440-31-5	XP7320000
7440-36-0	CC4025000
7440-38-2	CG0525000
7440-41-7	DS1750000
7440-43-9	EU9800000
7440-44-0	FF5250000
7440-47-3	GB4200000
7440-48-4	GF8750000
7440-50-8	GL5325000
7440-66-6	ZG8600000
74400-31-5	XP7320000
7446-27-7	OG3675000
7446-70-0	BD0525000
7487-94-7	OV9100000
75-00-3	KH7525000
75-01-4	KU9625000
75-04-7	KH2100000
75-05-8	AL7700000
75-07-0	AB1925000
75-08-1	KI9625000
75-09-2	PA8050000
75-12-7	LQ0525000
75-15-0	FF6650000
75-21-8	KX2450000
75-25-2	PB5600000
75-31-0	NT8400000
75-35-4	KV9275000
75-44-5	SY5600000
75-45-6	PA6390000
75-52-5	PA9800000
75-56-9	TZ2975000
75-60-5	CH7525000
75-65-0	EO1925000
75-69-4	PB6125000

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CAS	RTECS		
75-71-8	PA8200000		
75-74-1	TP4725000		
75-99-0	UF0690000		
7546-30-7	OV8750000		
759-94-4	FA4550000		
76-01-7	KI6300000		
76-06-2	PB6300000		
76-14-2	KI1101000		
76-44-8	PC0700000		
76-87-9	WH8575000		
7601-54-9	TC9490000		
7601-90-3	SC7500000		
7631-99-4	WC5600000		
7632-00-0	RA1225000		
7645-25-2	CG1000000		
7646-85-7	ZH1400000		
7647-01-0	MW4025000		
7664-38-2	TB6300000		
7664-39-3	MW7875000		
7664-93-9	WS5600000		
7681-49-4	WB0350000		
7696-12-0	GZ1700000		
7697-37-2	QU5775000		
77-47-4	GY1225000		
77-78-1	WS8225000		
7704-34-9	WS4250000		
7705-08-0	LJ9100000		
7719-09-7	XM5150000		
7722-64-7	SD6475000		
7722-84-1	MX0900000		
7723-14-0	TH3500000		
7726-95-6	EF9100000		
7727-37-9	QW9700000		
7727-54-0	SE0350000		
7738-94-5	GB2450000		
7758-98-7	GL8800000		
7758-99-8	GL8900000		
7775-11-3	GB2955000		
7778-39-4	CG0700000		
7778-43-0	CG0875000		
7778-44-1	CG0830000		
7778-50-9	HX7680000		
7782-44-7	RS2060000		
7782-49-2	VS7700000		
7782-63-0	NO8510000		
7783-20-2	BS4500000		
7783-61-1	VW2327000		
7783-63-0	NO8510000		
7784-40-9	CG0980000		
7784-42-1	CG6475000		
7784-46-5	CG3675000		
7786-34-7	GQ5250000		
7789-00-6	GB2940000		

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CAS	RTECS
7789-12-0	HX7750000
7789-24-4	OJ6125000
7791-12-0	XG4200000
78-00-2	TP4550000
78-34-2	TE3350000
78-53-5	TF0525000
78-57-9	TD5600000
78-59-1	GW7700000
78-79-5	NT4037000
78-83-1	NP9625000
78-87-5	TX9625000
78-92-2	EO1750000
78-93-3	EL6475000
7803-51-2	SY7525000
786-19-6	TD5250000
79-00-5	KJ3150000
79-01-6	KX4550000
79-06-1	AS3325000
79-10-7	AS4375000
79-34-5	KI8575000
79-46-9	TZ5250000
80-06-8	DC7875000
8001-35-2	XW5250000
8001-58-9	GF8615000
8002-05-9	SE7175000
8003-34-7	UR4200000
8006-64-2	YO8400000
8012-75-7	GB2800000
8012-95-1	PY8030000
8018-01-7	ZB3200000
8030-30-6	SE7555000
8052-42-4	CI9900000
8065-48-3	TF3150000
81-81-2	GN4550000
81-82-3	GN4830000
82-68-8	DA6650000
83-26-1	NK6300000
83-79-4	DJ2800000
84-66-2	TI1050000
84-74-2	TI0875000
85-00-7	JM5690000
85-68-7	TH9990000
86-30-6	JJ9800000
86-50-0	TE1925000
86-88-4	YT9275000
87-65-0	SK8750000
87-66-1	UX2800000
87-68-3	EJ0700000
87-86-5	SM6300000
88-06-2	SN1575000
88-75-5	SM2100000
88-85-7	SJ9800000
88-89-1	TJ7875000

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CAS	RTECS
88-89-11-8	TJ7875000
90-13-1	QJ2100000
900-95-8	WH6650000
9002-86-2	KV0350000
9002-88-4	TQ3325000
9003-53-6	WL6475000
91-58-7	QJ2275000
91-59-8	QM2100000
91-64-5	GN4200000
91-94-1	DD0525000
917-61-3	GS7000000
919-76-6	TE1575000
919-86-8	TG1750000
92-52-4	DU8050000
92-67-1	DU8925000
92-87-5	DC9625000
93-65-2	UE9750000
93-76-5	AJ8400000
94-74-6	AG1575000
94-75-7	AG6825000
95-06-7	EZ5075000
95-47-6	ZE2450000
95-48-7	GO6300000
95-54-5	SS7875000
95-57-8	SK2625000
95-95-4	SN1400000
950-35-6	TC5250000
950-37-8	TE2100000
957-51-7	AB8050000
959-98-8	
96-12-8	TX8750000
96-45-7	NI9625000
97-17-6	TF0350000
973-21-7	FF9100000
98-00-0	LU9100000
98-01-1	LT7000000
98-11-3	DB4200000
98-95-3	DA6475000
99-98-9	ST1050000
991-42-4	RB8750000
999-81-5	BP5250000

5. OUTLINES OF NATIONAL REGULATIONS

A. REGULATION AND CONTROL OF CHEMICALS IN CZECHOSLOVAKIA

The regulation and control of chemicals in Czechoslovakia is not the responsibility of a single organization, but involves a complex of directive and other control institutions.

Authorities of the Ministries of Health of both national republics hold important positions in the hierarchy of these institutions. They issue basic regulations concerning the maximum admissible concentrations of chemical contaminants in food and the environment and simultaneously provide the control system that enforces these regulations.

The Hygiene Service, existing within the framework of the uniform medical system of Czechoslovakia, provides professional guidance in the formation and protection of healthy living conditions. This Service consists of a network of Hygiene Centres comprising district and regional centres. The leading authority in the Hygiene Service, for both national republics, is the Chief Hygienist.

Other ministries have specific roles in regard to the regulation and control of chemicals. Thus, the Ministries of Forestry and Water Resources are responsible for the regulation and control of air and water pollution, and the Ministries of Agriculture and Food oversee the use of chemicals in agriculture and monitor residues in food products.

A survey of the most important regulations relating to chemicals is given below.

General problems

Basic problems of chemicals in the environment of Czechoslovakia are treated in the Act on "The Care of the People's Health" and the regulations on "The Formation and Protection of Healthy Living Conditions".

Government provisions on "Poisons and Other Substances Hazardous to Health" and the corresponding regulations deal specifically with the problems of toxic substances. These documents give instructions on the handling of poisons, narcotics and corrosive agents. A list of such substances is given in the appendix to the provisions. The documents declare that it is the duty of the producer or importer of substances with known poisonous properties to request the judgement of the relevant Ministry of Health prior to producing, importing or using them. The application must be accompanied by the corresponding data, namely those relating to the composition of the substance involved and the results of toxicological tests.

Air

The Act on "Measures Against Air Pollution" sets down complex technical and economic measures for the protection of the air. The admissible emission level from combustion and technological processes, as well as the basis for calculating the emission charges, are given in the appendix to the Act. Air pollution is further regulated by the guidelines set by the Chief Hygienist on "Maximum Admissible Concentrations of the Most Important Air Pollutants". There are two types of admissible concentrations: over a period of thirty minutes, and the daily average.

Water

Care in maintaining pollution-free water is the aim of the "Water Act" and the corresponding set of regulations and provisions. The Act lays down principles for protecting the quality of surface and ground waters and defines types of waste waters which may not be discharged because of their potential for causing deterioration in the quality of surface and ground waters. Particular provisions of the Act are specified by relevant legislative documents. The quality of waste waters is defined in the government regulation on "Indicators of Admissible Water Pollution". Maximum admissible concentrations of particular chemicals in water recipients, which must not be exceeded, are also listed. The quality of surface and ground water is subject to the regulation on "The Protection of Quality of Surface and Ground Waters". This lists the substances endangering the quality of waters or causing them to become harmful to health. The hygienic demands on drinking water are defined in a special technical standard.

Soil

Measures for the formation and protection of healthy soil conditions are included in the Act on "The Care of the People's Health" already mentioned. In areas where soil may influence living conditions, it must be protected against substances hazardous to health and must meet hygienic demands.

Biosphere

Chemicals used for protecting agricultural plants are of great importance on account of their harmful effects on the environment. The regulation of these substances is the subject of the Act on "Development of Plant Protection". According to this document, the chemicals for plant protection may be manufactured, imported and put into circulation only after they have been tested by a specific research institute and after a licence has been given by the Ministry of Agriculture and Food. The Ministry also determines the conditions for the application of these chemicals and issues a list of allowable chemicals, including their concentrations and the length of time that must elapse between their application and the harvesting of the crop.

Food

Regulations to ensure the purity of food are contained in the Act on "The Care of the People's Health" and corresponding regulations. These documents declare that food must not be harmful to health, must contain necessary nutritional values and must not be affected by chemical or microbiological substances. Maximum admissible concentrations of food contaminants are given in "Hygienic Demands on Food Additives and Contaminants" issued by the Chief Hygienist. Hygienic demands on plastics coming into contact with food are given in special provisions.

Working environment

Measures for the formation of a favourable working environment are the subject of the regulation "Hygienic Demands on the Working Environment" issued by the Chief Hygienist. Maximum admissible concentrations of chemicals in the working environment are listed in the appendix to the regulation. There are two types of admissible concentration: average values over a period of 8 hours/TWA/, and ceiling values. Carcinogenic substances and suspected carcinogenic substances are listed in the special regulation where conditions for handling such substances are also given.

Products of daily use

Any article which is in contact with the human body must be harmless to human health. Provisions for these demands are included in the technical standards laid down for each product. Hygienic demands on cosmetics are given in a special regulation issued by the Chief Hygienist.

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B. SURVEY OF LAW ON DANGEROUS SUBSTANCES IN THE FEDERAL REPUBLIC OF GERMANY

The following text is proposed as an introduction to the law on dangerous substances in the Federal Republic of Germany.

1. The chemicals Act and the Ordinance based on it.

The Act on "Protection against Dangerous Substances" (Chemicals Act - ChemG of 16.09.1980, BGBl I p1718 ff) serves a general regulatory function in the control of chemicals.

The Chemicals Act is supplemented and made more specific by the following statutory ordinances which allow the swift accommodation of new findings:

- the "VO ueber die Anmeldeunterlagen und Pruefnachweise nach dem ChemG" (notification documents and proof of testing regulation);
- "die Chemikalien-Altstoff-VO" (existing chemicals regulation);
- the "VO ueber gefaehrliche Arbeitsstoffe" (ordinance on substances in the workplace);
- the "Verordnung ueber die Gefaehrlichkeitsmerkmale von Stoffen und Zubereitungen nach dem Chemikalien-Gesetz" (ordinance on indications of danger of substances and preparations);
- the "Verordnung zur Bestimmung der Anmeldestelle nach dem ChemG" (ordinance on the provision of the notification authority).

Another ordinance based mainly on the Chemicals Act, the "VO ueber gefaehrliche Stoffe - Gefahrstoff- VO" (ordinance on hazardous substances) will enter into force at the end of 1986. It will replace a large number of existing ordinances, e.g. the "VO ueber gefaehrliche Arbeitsstoffe", and also implement 13 EEC-Directives in the law of the Federal Republic of Germany.

a) Purpose:

The aim of the Chemicals Act is to protect man and the environment from the harmful effects of dangerous substances or preparations in the following ways:

- Environmental protection: protection from changes in the natural state of water, land and air, of plants, animals and microorganisms, as well as from changes in the balance of nature, as a result of which considerable danger or detriment could be caused to the general public.
- Health protection: protection of human life and health.
- Industrial safety: protection of labour and humane working conditions.

b) Contents:

In furtherance of this aim, the Chemicals Act imposes certain obligations on producers and marketers (defined in Para. 3, No. 5,6) of dangerous substances and preparations (defined in Para. 3, No. 1-3) and gives the authorities certain powers.

Compulsory notification, submission of test documents and supplying of information

The responsible authorities, i.e. the Federal Institute for Protection at the Workplace and Accident Research, the Federal Health Office and the Federal Environment Agency, if necessary together with others such as the Federal Institute for Agriculture and Forestry, should, as a result of these obligations, be in a position to carry out an evaluation of the harmful effects of a substance on man and the environment.

The producer or marketer of a substance must notify the appropriate authority 45 days before it is put into circulation or imported for the first time into a Member State of the EEC. The notification must contain certain information, such as identifying characteristics, indications of possible harmful effects and procedures for the adequate elimination or neutralization of the substance (Para. 6 and notification and test documents regulation). At the end of this period of time, the substance can be placed on the market insofar as no bans or restrictions have been imposed; these may also be imposed after the deadline.

Only those who are domiciled in a Member State of the EEC may notify a substance. All new substances have to be notified, apart from those which have already been notified in another Member State of the EEC and those which are expressly excluded from notification in accordance with the Chemicals Act (Para. 5); in the case of the latter, however, there are particular requirements, given in Para. 16 III-V.

New substances are defined as any that were placed on the market in a Member State of the EEC after 18 September 1981 (Para. 4 - V); existing chemicals which were placed on the market in a Member State of the EEC before 18 September 1981 are designated by the Federal Government's existing chemicals ordinance. They are only subject to compulsory notification if expressly required by statutory ordinance. The prerequisite for the latter's enactment is given in Para 4 - VI. The submission of test documents is linked to the compulsory notification and comprises the publication of the methods and the results of particular tests carried out on the substance to allow its evaluation by the authorities.

In reference to the test documents, the obligation to submit is graduated according to the quantities placed on the market and the aspects of hazardousness; a special regulation deals with existing chemicals subject to compulsory notification. The manner of implementation of the tests, for example the expertise of the testers and the internationally recognized scientific methods, are determined in Paras. 9 and 10 and in the notification and test documentation ordinance.

The supply of further information complements the notification and test document obligations (Para. 16) with the purpose of keeping the authorities up to date with the "biography" of the notified substance. It also encompasses some substances excluded from notification and includes for example information on new findings on the effects of a substance on man and environment and changes in its properties.

A second group of obligations is the classification, packaging and labelling requirements, the aim of which is to protect man and the environment from the potential dangers of hazardous substances.

"Classification" is the assignment to the substance of one of the dangerous properties, e.g. toxic, corrosive (Para. 3, No. 4,3); this must be done for all substances on the basis of the criteria in the classification regulation; if the substance is not contained in this, the classification is carried out by the manufacturer or introducer.

The packaging and labelling requirement signifies that substances classified as dangerous are to be labelled and packaged as such, so that when used in accordance with the regulations dangers to human life and health and to the environment can be avoided. The exact requirements are given in Para. 14 and statutory ordinances.

Bans and restrictions can likewise be imposed on all substances. The following pronouncements can be made by statutory ordinance:

1. The banning or restriction of production, marketing or use (not import or export) of a substance;
2. The banning of a particular method of production or application;
3. Particular requirements can be made of the producer, marketer or user;
4. An announcement must be made or permit obtained for a substance;
5. Storage requirements and disposal restrictions.

Above and beyond this, bans and restrictions can be imposed in individual cases by the notification authority (Para. 11) or the Land (regional) monitoring authority (Para. 23 - II).

Finally, the Chemicals Act offers the possibility of imposing, by statutory ordinance, particular regulations concerning measures relating to industrial safety (Para. 19).

The "ArbeitsstoffVO" (substances in the workplace) was issued to this end; it lays down concrete requirements concerning the production and use of hazardous substances as well as the working conditions in dangerous zones, and thereby serves to protect the workers.

The new "ordinance on hazardous substances" which will replace the ordinance on substances in the workplace in autumn 1986 contains comprehensive provisions aiming at the protection of consumers and workers against the effects of such substances. It includes regulations covering all aspects of control of hazardous substances, e.g. pesticides, from notification, packaging and labelling to medical control of workers in the workplace, and partly the banning of carcinogenic substances.

The controlling authorities possess extensive rights to enforce the Chemicals Act, such as the right to enter and inspect works, offices, sites and living quarters of the party required to furnish information, and the right to take samples. The party required to furnish information is obliged to permit and support the authorities' activities and under certain conditions bear the costs incurred by the authority.

2. Other Acts and Regulations

Alongside the Chemicals Act are further regulations whose aim is, amongst other things, the protection from dangerous substances. The general environment laws such as the "Act on the Control of Harmful Immissions", the "Federal Water Act", the "Waste Disposal Act", the "Transport of Dangerous Substances Act" and the statutory ordinances based on these acts, precede the stipulations of the Chemicals Act.

Amongst the ordinances issued on the basis of the BImSchG (Harmful Immissions Act), the "Stoerfallverordnung" (hazardous incidents ordinance; 12. BImSchV) and the "Verordnung ueber Beschraenkungen von PCB, PCT and VC" (ordinance on the restriction of PCB, PCT and VC; 10 BImSchV) are worth particular mention. According to the hazardous incidents ordinance, works where certain hazardous substances exist or may be produced are subject to special safety regulations. The 10. BImSchV limits the application of PCB, PCT and VC to closed systems.

The "VO zur Emissionsbegrenzung von leichtfluchtigen Halogenkohlenwasserstoffen" (ordinance for the limitation of emissions of volatile halogenated hydrocarbons; 2. BImSchV- enacted in April 1986) sets emission standards for certain facilities and limits the emissions of volatile halogenated hydrocarbons in general.

The "GroBfeuerungsanlagen-VO" (ordinance on large furnaces; 13. BImSchV- enacted in July 1983) provides for a comprehensive desulphurization and denitrification programme for all large firing installations; all existing facilities have to be retrofitted with controls in different periods of time, but in 1993 at the latest.

As far as general administrative orders based on the BImSchG are concerned, the "Technical Instruction for the Prevention of Air Pollution" (TA-Luft) - enacted in March 1986 - is of particular importance. Inter alia, it sets emission standards (including standards for organic substances) and technical and operating regulations for many installations of the chemical industry and other industrial plants.

Several acts, e.g. the Federal Water Act and the Waste Disposal Act, were amended in 1985 or 1986 or will be amended in the future (e.g. the Detergent Act, the Plant Protection Act, the Feeding Stuffs Act and the Medicaments Act) to improve the environmental protection with regard to the effects of hazardous substances.

Moreover, several laws have particular regulations concerning chemicals:

- The Foodstuffs and Commodities Act serves to protect health with regard to substances on the market, such as foodstuffs, tobacco products and cosmetics.
- The Feeding Stuffs Act contains regulations about the admission of synthetic feeding stuffs and the maximum proportion of harmful substances allowed in feeding stuffs.
- A procedure for admission by the authorities of finished medicaments is provided for in the Medicaments Act.

The Plant Protection Act provides for an admission procedure for plant treatments and gives powers to ban or restrict the use of plant-protective agents.

Further special regulations for dangerous substances are contained in the "Fertilizer Act", the "DDT Act", the "Lead in Petrol Act" and the "Detergent Act".

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C. GENERAL PHILOSOPHY AND OUTLINE OF THE REGULATIONS OF CHEMICALS IN MEXICO

The main legislation covering chemicals in general is the "Federal Environmental Protection Act" (1982).

Chemicals are not governed by any specific law but by various laws which complement each other, such as the "Health Code of the United Mexican States", the "Federal Environmental Protection Act", the "Regulations on Prevention and Control of Atmospheric Pollution by Smoke and Dust" (1971), and the "Regulations on Prevention and Control of Water Pollution" (1973).

The "Environmental Protection Act" and its Regulations are administered by the Health and Welfare Secretariat (SSA). The legislation referred to stipulates that:

- "The SSA shall take the necessary steps to prevent and control environmental pollution resulting from the prospecting, recovery, manufacture, transport, storage, marketing, use and final disposal of chemicals which cause or may cause harm to the environment".

- "The SSA may place the appropriate restrictions on the importation, manufacture, possession and use of harmful or dangerous substances, and may prohibit their manufacture, use, importation or final disposal if they cause severe or dangerous pollution affecting the environment or public health."

The above-mentioned activities are within the competence of the SSA, but in some cases previous studies and agreements with other State Secretariats are required, as appropriate.

In another Article the Federal Act stipulates:

"In the case of imminent danger to public health and the environment the SSA, with the backing of the respective Regulations, shall immediately order the seizure and retention or destruction of the contaminated chemicals or substances."

It is stipulated that the SSA is fully empowered to take action when there is evidence of imminent danger, in order to prevent injury to the population or deterioration of the environment.

Finally, the Act lays down sanctions for all persons who, without the appropriate authorization from the SSA, engage in the manufacture, importation, sale, storage, transport, use or final disposal of chemicals or pollutants which cause or may cause harm to public health, flora, fauna or ecosystems.

Backed up by the general philosophy of the Federal Act of the SSA, an agreement has been drawn up with the General Directorate of Customs for the control, after their importation, of about 300 chemicals which are internationally regarded as representing a serious danger to public health and the environment. This working mechanism is being used to detect at the frontiers the possible entry of dangerous toxic chemical wastes from other countries.

In particular, the Regulations on Pesticide Control deal with the registration, manufacture, importation, use and application of pesticides; these Regulations are administered by the General Directorate for Plant Hygiene. Each year this Directorate publishes a manual of pesticides authorized for use in certain agricultural products, specifying the concentration, dosage per hectare, period of application, and the tolerances for each pesticide and foodstuff.

Packaged foods, toilet preparations, drugs and narcotics are dealt with by the General Directorate for the Control of Foodstuffs, Beverages and Drugs of the SSA.

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D. GENERAL LEGISLATION OF THE SOVIET UNION RELATED TO PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT FROM THE EFFECTS OF CHEMICALS

Guidelines for the state policy and legislation related to protection of human health and the environment are laid down in the Constitution (the Fundamental Law) of the Soviet Union (1977).

The Constitution declares that in the interests of the present and future generations, necessary steps are taken in the USSR to protect and make scientifically-based rational use of land, mineral and water resources, plants and animals, to preserve the purity of the air and water, ensure renewal of natural wealth and improve the human environment (Article 18). It is also stated that the right of the Soviet citizens, in relation to protection of their health, is ensured in particular by means of development and improvement of occupational safety and industrial hygiene as well as by taking broad preventive measures to protect human health and the environment (Article 42).

Among decrees of the Central Committee of the Communist Party of the Soviet Union and the Council of Ministers of the USSR dealing with problems of protection of the environment, the most important is the decree of 29 December 1972, on strengthening nature conservation and improving the use of nature resources ; this is compulsory for all the sectors of the national economy.

Based on the Constitution, a series of laws and legislative acts deal with specific aspects of regulation and control of chemicals.

Protection of Health

The Fundamental Principles of the Health Legislation of the USSR (1960) and of the Union Republics proclaimed protection of public health as a most important task of the Soviet State. Certain articles of the document are concerned with protection of human health and the environment from harmful effects of chemicals. Regulation on measures for treatment and disposal of industrial and municipal wastes is the subject of Article 21, while Articles 25-28 deal with sanitary requirements for industrial and drinking water supplies, obligatory submission of standards and specifications for approval by public health authorities, sanitary requirements in the production, processing, storage, transport and sale of food products, and sanitary control over production, utilisation, storage, transport and disposal of radioactive, poisonous and aggressive substances.

Article 26 also states that an introduction of new technology, machinery and equipment, instruments and tools, liable to have an adverse effect on human health must be approved by the USSR Ministry of Health.

Protection of Land

The Fundamental Principles of the Land Legislation of the USSR (1968) and of the Union Republics provide for the State supervision of the use and protection of land. Article 13 specifies that industrial and construction enterprises and institutions are obliged to prevent pollution of agricultural and other lands with industrial and other wastes and sewerage. It is stressed that users of land are to take effective measures to protect land from pollution.

Protection of Water

The Fundamental Principles of the Water Legislation of the USSR (1970) and of the Union Republics include several sections dealing with protection of water from chemical pollution. Article 10 in particular states that new or rebuilt plants are not to be put into operation unless they are furnished with equipment ensuring protection of water from pollution and obstruction. Regulation on sanitary standards for water resources used for municipal needs is treated in Article 21, and Article 24 is concerned with the use of water for industrial purposes. Article 28 is devoted to the discharge of waste waters.

Control of Air Pollution

Care in prevention of air pollution and reduction of related harmful chemical effects is the aim of the Law of the USSR on Protection of the Atmosphere (1980). The Law makes provision for elaboration of standards on maximum allowable concentrations (MAC) of chemical contaminants in the air and establishment of a uniform state system for monitoring and control of harmful effects of chemicals in the atmosphere. The Law contains sections on regulation of emission of pollutants into the atmosphere by stationary and mobile sources as well as on provisions for protection of the air governing industrial and other activities. Article 16 of the Law specifies requirements for protection of the atmosphere when using pesticides, inorganic fertilizers and other agro-chemicals. It provides for state supervision of the list of substances approved for use in the national economy as well as the conditions of their application. The law requires also that MACs for newly product substances be established, and regulations on their transportation, storage and use be observed.

Protection of Wild Animals

Effective protection of wild animals from harmful effects of chemicals is ensured by the Law of the USSR on protection and use of wild animals (1980). It concerns protection of the habitat, breeding grounds and migration paths of wild animals (Article 23); protection from harmful effects caused by industry and transport (Article 24); protection of wild animals when pesticides, growth promoters for plants, inorganic fertilizers and other chemical products are used (Article 28).

Forestry Protection

Under the provision of Article 18 of the Fundamental Principles of the Forestry Legislation of the USSR (1977) and of the Union Republics, appropriate measures to protect forests from harmful effects of sewage, industrial and municipal waste effluents are to be taken when planning, constructing and putting into operation industrial and other enterprises as well as when implementing new technology affecting growth and reproduction of forests.

Provision is made in all the above mentioned laws for compulsory inclusion of relevant preventive measures in State plans for economic and social development of the USSR to ensure protection of the human health and the environment.

Fundamental laws and legislative acts of the USSR are supplemented by many guidelines, standards and norms to regulate the use of natural resources and eliminate environmental pollution resulting from industrial and other activities. Examples are: "Sanitary norms for planning of industrial enterprises", "Regulations for protection of surface waters from pollution by sewage", "Regulations for sanitary protection of coastal waters".

Responsible Authorities

A series of Soviet State bodies and institutions are responsible for regulation and control of chemicals. The USSR Ministry of Health occupies a central position in this respect. It supervises implementation of measures to prevent and eliminate environmental pollution. In accordance with the Fundamental Principles of the Health Legislation of the USSR and of the Union Republics, and a Special Decree of the Council of Ministers of the USSR the mandate of the Sanitary and Epidemiology Service set-up within the USSR Ministry of Health is to develop and approve All-Union sanitary hygiene and counter-epidemic measures; control observance of relevant norms while constructing and reconstructing buildings and installations; grant permission to use new chemicals, pesticides, growth promoters for plants, polymers and plastics, etc.

The Sanitary and Epidemiology Service also develops State standards for drinking and industrial water and exercises State sanitary supervision of production, storage and transportation of food. Its regulations covers all the sectors of the national economy.

The USSR State Committee for Hydrometeorology and Control of the Natural Environment has the mandate to organize and operate the State environmental monitoring system. It is also responsible for the control of sources of air pollution. For this purpose the State Inspectorate for Protection of the atmosphere was established in 1983 with extensive responsibilities.

The USSR Agro-Industrial State Committee exercises control of land protection, including supervision of the use of pesticides.

The Ministry of Land Improvement and Water Conservation is responsible for water protection.

E. GENERAL PHILOSOPHY AND OUTLINES OF THE REGULATIONS ON CHEMICALS AND CHEMICAL PRODUCTS IN SWEDEN

The main legislation for chemicals in general is the Act on Chemical Products implemented on January 1, 1986. This act is based on former legislation which had been in force for more than ten years.

However, chemicals and chemical products are not regulated by one legislation alone, but in fact by many, some of which in practice coalesce. Some of the legislations within this area will be briefly commented on in order to bring some understanding to the general philosophy and the basis of the chemical regulations.

The Act on Chemical Product is administered by the National Chemicals Inspectorate. This legislation refers to the chemical products and their potential to be harmful to man and the environment due to their properties. The act could be seen as an "umbrella legislation". Other laws, referred to later on, are relevant to chemicals for special uses or in special exposure situations.

The policy of the above-mentioned Act is defined in sections 5 and 6.

"Anyone handling or importing a chemical product shall take such steps and otherwise observe such precautions as are necessary to prevent or minimise harm to human beings or the environment" (section 5). "It is particularly incumbent upon anyone manufacturing or importing a chemical product to see to it, through his own investigations or in another manner, that satisfactory research is carried out to determine what health or environmental injuries the product can cause. Investigations shall be carried out in accordance with acknowledged scientific principles and proven experience." (section 6).

In other words that responsibility requires that the manufacturer or importer makes a risk assessment to the maximum extent possible, taking account of the available knowledge on the chemical and the intended use. The risk assessment will then serve as a basis for precautionary measures, such as labelling, etc.

The authority (the National Chemicals Inspectorate *inter alia*), has the power to regulate any chemical, for instance through restriction in its uses.

With the intention of obtaining a better survey of chemicals in Sweden, a decision was taken by the former Products Control Board to establish a Products Register. In the "Ordinance with respect to Product Notification" (1979), the requirements for such registrations have been defined. For practical and technical reasons, it is a step-wise collection of selected chemicals with sections of the "Customs Tariff" (1977) as a basis for precautionary measures, such as labelling, etc.

For the facility of the manufacturer or importer, regulations and guidelines in specific areas are issued by the Inspectorate.

Chemicals which are used occupationally in working places etc. are regulated by the "Work Environment Act" (1977).

In addition, all chemicals as such are regulated as far as they cause harm or ill health when manufactured, used, or handled at work. This legislation is administered and supervised by the National Board of Occupational Safety and Health. A chemical can, due to this legislation, be subject to specific requirements in addition to the general ones. Instructions concerning threshold limit values have been issued to be observed in the planning and control of the work environment.

Disposal of chemicals is regulated by the "Ordinance of Wastes Hazardous to the Environment" (1986). The groups or types of chemicals regulated are: - oil wastes, solvents, paints, glues and lacquers; - concentrated acid/alkaline wastes; - waste containing cadmium, copper, chromium, nickel, tin and zinc; - silver, mercury, cyanide, PCBs or pesticides. The ordinance also applies to laboratory wastes. The intention behind the legislation is that final disposal of the above-mentioned groups should not be permitted without special permission. This concerns also transportation and exportation.

Chemicals in food are regulated in the "Food Act" (1971) administered by the National Food Administration. Groups which are regulated are food additives, environmental contaminants in food and food contact materials. The National Food Administration establishes values of residue limits in food. Only those food additives may be used which have been approved for the food in question, unless the authority prescribes otherwise.

Industrial establishments that are likely to cause pollution of water or air or cause disturbance are subject to regulations issued by the "Environment Protection Act" (1969) and administered by the National Franchise Board for Environmental Protection. Industrial establishments are subjected to a system of mandatory concession issues on an individual basis. Decisions can be taken about highest emission level of certain chemicals.

Pesticides

According to the legislation, the term "pesticide" means a chemical product that is intended for use to protect against damage to property, sanitary nuisances or other comparable nuisances caused by plants, animals, or organisms. Some exemptions are given. This definition should be interpreted rather more widely than to mean what is usually meant by pesticide. A pesticide must not be offered for sale, transferred or used without being approved by the National Chemicals Inspectorate. A positive list of substances approved for use as pesticides is published each year.

Polychlorinated biphenyls (PCBs)

PCBs are regulated under the ordinance on PCB's, etc. Permission is required for import, use or any other form of handling of PCB. Permissions are only issued under very specific circumstances.

Cosmetics

Cosmetics are controlled through the negative list approach. The National Board may prohibit the use of certain substances in cosmetics.

IRPTC LEGAL FILE 1986

International Register of Potentially Toxic Chemicals

AB1060000 5-NITROACENAPHTHENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986	BGBL** I. S. 140, 140, 1982
SWE	REG	CLASS LABEL	CLASS RQR		28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985

CARCINOGENIC WORKING MATERIAL - PROVEN IN ANI
 MAL EXPERIMENTS. NO MAK-VALUE ESTABLISHED
 CARCINOGENIC WORKING MATERIAL - GROUP I (VERY
 HIGHLY DANGEROUS); --; GROUP II (HIGHLY DANGER
 OUS); GREATER THAN OR EQUAL TO 10.0G/KG (1.0%
); GROUP III (DANGEROUS); <10.0-1.0G/KG (<1.0
 -0.1%). THE USE AND HANDLING OF MATERIALS BEL
 ONGING TO GROUPS I AND II MUST BE REPORTED BY
 THE EMPLOYER TO THE AUTHORITIES. THE AUTHORI
 TIES MAY FORBID THE EMPLOYER THE USE OF THE
 MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS.
 CERTAIN SECURITY MEASURES ARE LISTED WHICH
 THE EMPLOYER HAS TO FOLLOW
 (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S.
 2069, 1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDA
 NCE LIST OF SUBSTANCES WHICH SHOULD BE LABELL
 ED ACCORDING TO THEIR CARCINOGENIC POTENTIAL.
 THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY
 HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AB1925000		ACETALDEHYDE					
ARG	REG	AIR	OCC	MPC	TWA : 180 MG/M3 (100 PPM), STEL : 270 MG/M3 (150 PPM)	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	TWA = 200.0 MG/M3 ; CLV = 400.0 MG/M3	MCH1985	HPMZC* 58, -, 1985
DEU	REC	AIR	OCC	MAK	8H-TWA: 90MG/M3 (50 PPM); 5MI-STEL: 180MG/M3 (100PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT (VP=100KPA AT 20C). SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	THE SUBSTANCE BELONGS TO CLASS I THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	F - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE (R 12). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). 8H-TWA: 180MG/M3 (100PPM). STEL(10MI-TWA): 270MG/M3 (150PPM)	APR1986	OJEC** L. 106, 18, 1982
GBR	REC	AIR	OCC	RECL	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID.	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL	CLASS RQR	CLASS RQR	EMERGENCY ACTION CODE : 2YE	28MCH1979	GBRSI* 1702, 1, 1978
GBR	REG	LABEL - PACK - USE	RQR RQR OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978	GBRSI* 17, 1, 1983

GBR	REG	AIR	EMI	RQR	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ALDEHYDE WORKS IN WHICH FORMALDEHYDE, ACETALDEHYDE OR ACROLEIN OR THE METHYL, ETHYL OR PROPYL DERIVATIVES OF ACROLEIN ARE MADE. IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS ACETALDEHYDE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO ACETALDEHYDES).	DATE	REG	DATE
GBR	REG AIR	EMI	RQR	5AUG1983	APR1986 GBRSI# 943,-,1983			
GBR	REG AIR	EMI	RQR	5AUG1983	APR1986 GBRSI# 943,1,1983			
JPN	REC AIR	EMI	MXL	DEC1982	QEJPN# -,396,1981			
SUN	REG AIR	OCC	MAC	JAN1977	GOSTS# 12.1.005,-,1976			
SUN	REG AIR	AMBI	MAC	AUG1984	SEP1985 PDKAV# 3086-84,-,1984			
SUN	REG AQ	SURF	MAC	OCT1983	SEP1985 PDKVO# 2932-83,-,1983			
SUN	REG SOIL	MAC	MAC	FEB1985	OCT1985 PDKCP# 3210-85,-,1985			
SWE	REG CLASS	CLASS	HLV	23NOV1983	OCT1984 STNAF# 1983:6,1,1983			
SWE	REG AIR	OCC	HLV	01JAN1985	JAN1985 AFS*** 1984:5,10,1984			
USA	REC AIR	OCC	TLV	SEP1985	ACGIH# 1984-85,9,1984			
USA	REG FOOD FEED	ARL	ARL	APR1986	CFRUS# 40(180),269,1981			
USA	REG USE	OCC	RSTR	APR1986	CFRUS# 29(1910),419,1981			
USA	REG AIR	OCC	PEL	APR1986	CFRUS# 29(1910),673,1981			
USA	REG TRNSP	OCC	RQR	APR1986	OJEC** 33(126),613,1981			
USA	REG WASTE	CLASS	CLASS	19NOV1980	MAY1986 CFRUS# 40(261),368,1981			
USA	REG AQ	EMI	CLASS	MAY1986	CFRUS# 40,33,1981			
USA	REG AQ	EMI	RSTR	MAY1986	CFRUS# 40(117),44,1981			

EXEMPTIONS FROM RESIDUE TOLERANCE REQUIREMENT S IS MADE FOR THIS FUNGICIDE, WHEN USED POSTHARVEST AS A STORAGE FUNGICANT, IN OR ON CERTAIN SPECIFIED PLANT PRODUCTS.
 NO POWER OPERATED INDUSTRIAL TRUCK MAY BE USED IN ATMOSPHERES WHERE A HAZARDOUS CONCENTRATION OF THE SUBSTANCE IS PRESENT.
 TWA : 360 MG/M3 (200 PPM)
 ACETALDEHYDE, WHEN CARRIED IN BULK, IS CLASSIFIED AS A 'CARGO OF PARTICULAR HAZARD' FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WAREHOUSE FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.
 THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.
 THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
 UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

MAY1986 CFRUS* 40(122.53), 121, 1981

USA REG AQ EMI RQR
WASTE

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS:

1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THAT THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS:

- A) 100UG/L
- B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION
- C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR, WHEN CERTAIN SPECIFIED VESSELS CARRYING ACETALDEHYDE IN BULK ARE BOUND FOR OR DEPARTING FROM U.S. PORTS, THE CAPTAIN OF THE PORT MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE AND BE GIVEN CERTAIN INFORMATION.

MAY1986 CFRUS* 33,813, 1981

USA REG AQ EMI RQR
TRNSP

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AB6080000 R-25788

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR N,N-DIALLYL DICHLOROACETAMIDE WHEN USED AS AN INERT INGREDIENT IN FORMULATIONS OF THE HERBICIDES S-ETHYL DIISOBUTYLTHIOCARBAMATE, S-ETHYL DIPROPYLTHIOCARBAMATE, AND S-PROPYL DIPROPYLTHIOCARBAMATE APPLIED TO CORNFIELDS BEFORE THE CORN PLANTS EMERGE FROM THE SOIL.		APR1986	CFRUS* 40(180), 269, 1981

AREA	TYPE SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AB8050000	DIPHENAMID					
BRA	REG FOOD USE GOODS	AL PRMT PRO	PLANT (SPECIFIED): 0.1-1MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. OF ANIMAL ORIGIN (SPECIFIED): 0.05MG/KG WMT OF ANIMAL ORIGIN (GENERAL): 0.01MG/KG WMT (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG BGBl I S.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN) SPECIFIED PLANT PRODUCTS: 0.1-1.0MG/KG; OTHER PLANT PRODUCTS: 0.01MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	AUG1985	SBTAP* - , 1, 1984	
DEU	REG FOOD ANI	MRL		29APR1984	JUN1986	BGBL** I S. 635, 635-643, 1984
DEU	REG FOOD	MRL		29APR1984	JUN1986	BGBL** I S. 635, 635-643, 1984
DEU	REG LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I S.1071, 1536/2159, 1980, AND BGBL I S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I S. 140, 140, 1982
EEC	REG LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONT ACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP A WAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF S (S 13).	APR1986	OJEC** L. 106, 18, 1982	
EEC	REG CLASS LABEL SALE	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IID, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984	
GBR	REG LABEL PACK USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983	
GBR	REG USE	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983	APFG** - , 89, 1983	
JPN	REG USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	JUN1986	JPAGR* - , -, 1983	

KEN SUN	REG REG	FOOD FOOD	MXL MRL	SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.15MG/KG.	JUN1983	SEP1982 GSKEN* 40, 410, 1978 OCT1985 MDUPP* 2823-83, -, 1983
SUN SUN SUN	REG REG REG	AIR AQ USE	OCC SURF MAC PRMT	ADI = 0.001MG/KG (CALCULATED VALUE). CLV: 5.0MG/M3 (VAPOUR, AEROSOL) 1.2MG/L SUBSTANCE IS APPROVED AS COMPONENT OF PESTICIDE MIXTURE FOR AGRICULTURAL USE. MIXING PROPORTION, APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	DEC1979 OCT1983 JAN1982	AUG1985 PDKAD* 2114-79, -, 1979 SEP1985 PDKVO* 2932-83, -, 1983 OCT1985 SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985 SCHSB* -, -, 1982
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.01-2 MG/KG (INCL. DIPHENAMIDE AND ITS METABOLITE N-METHYL-2,2-DIPHENYL ACETAMIDE)	APR1983	CFRUS* 40(180), 152, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AD7350000 ACETANILIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN	REG	AQ	SURF	MAC SURFACE WATER FOR FISHING: 0.004MG/L		SEP1985	PKTV* --, 1978

AE1225000 ALACHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.05-0.2MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III, IV (DEPENDENT ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	SBTAP**	-, 1, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	SPPOR**	-, -, 1981
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 0.1MG/KG, PLANT (GENERAL): 0.02MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS I, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%.	29APR1984	BGBL**	IS. 635, 635-643, 1984
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR ROR RSTR	MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	APR1986	OJEC**	L144, 1, 1984
JPN	REG	USE	AGRIC PRMT		JUN1986	JPAGR**	-, -, 1983
SUN USA	REG REG	AIR FOOD FEED	OCC AGRIC ARL	0.5MG/M3 (AEROSOL) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.02-3 MG/KG (INCL. ITS METABOLITES). (AMENDED: FEREAC 48, 5920, 1983; 48, 13173, 1983)	JAN1978	OBVUR**	1820-78, -, 1978 APR1983 CFRUS* 40(180), 152, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AE1575000	PROPACHLOR						
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.2MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG. (PELANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I. S. 635, 635-643, 1984
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). IRRITATING TO EYES (R 36). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	OJEC** L. 106, 18, 1982
GBR	REG	LABEL - PACK - USE	RQR RQR PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		APR1986	GBRSI* 17, 1, 1983
SUN	REG	AQ	MAC	0.01 MG/L	OCT1983	SEP1985	PDKVO* 2932-83, -, 1983
SUN	REG	FOOD	MRL	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.2-0.3MG/KG. ADI = 0.01MG/KG (CALCULATED VALUE).	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	AIR	MAC	CLV: 0.5 MG/M3 (AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	AQ	MAC	SURFACE WATER FOR FISHING: 0.0MG/L	JUN1981	OCT1985	SCHSB* SUPL-5, -, 1982
SWE	REG	SALE USE LABEL STORE CLASS	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		APR1986	PFBEK* -, 58, 1986
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.02-3 MG/KG (INCL. ITS METABOLITES, CALCULATED AS PROPACHLOR). (AMENDED: FERAC 47, 25958, 1982; 47, 28380, 1982; 47, 28626, 1982; 47, 46701, 1982)		APR1983	CFRUS* 40(180), 152, 1981

AF1225000 ACETIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	22MAY1979	MAY1985 ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985 HPMZC* 58, -, 1985
CSK	REG	FOOD GOODS	PRMT MXL		JUL1978	AUG1984 HPMZC* 42, -, 1978
CSK	REG	HUMAN	FOOD	PRMT		
DEU	REC	AIR	OCC	MAK	OCT1978	AUG1985 HPMZC* 43, -, 1978
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	FOOD		RSTR	30APR1972	MAY1982 BGBL** I.S.2082, 2082, 1977
DEU	REG	PACK		RQR	30APR1972	MAY1982 BGBL** I.S.2082, 2082, 1977
DEU	REG	LABEL		RQR	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982

TWA : 25 MG/M3 (10 PPM), STEL : 37 MG/M3 (15 PPM)

TWA : 25.0 MG/M3 ; CLV : 50.0 MG/M3
COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-30MG/G.

PERMITTED AS FOOD ADDITIVE WITHOUT LIMITATION
8H-TWA: 25MG/M3 (10PPM); 5M1-STEL: 50MG/M3 (20PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

HANDLING OF SOME GROUPS OF CHEMICALS (INCL CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THE SUBSTANCE BELONGS TO CLASS II
THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.

ACETIC ACID CONTAINING 5-25% WATERFREE ACID, MAY CONTAIN SACCHARIN AS AN ADDITIVE WHEN THE ACETIC ACID IS SUPPLIED TO OPERATIONS WHICH DO FURTHER PROCESSING. THE ADDITION OF SACCHARIN HAS TO BE INDICATED ALONG WITH THE PRODUCT NAME OF THE ACETIC ACID THROUGH THE WORDS : "WITH THE SWEETENER SACCHARIN"

ACETIC ACID CONTAINING 11-25% WATERFREE ACID MAY ONLY BE MARKETED IN CLOSED AND RESISTANT CONTAINERS AND MUST BE LABELLED : "CAUTION ! DO NOT CONSUME IN UNDILUTED FORM." THE FORM AND CONCENTRATION OF THE ACETIC ACID, AS WELL AS THE ORIGINAL AND RAW MATERIALS USED HAVE TO BE INDICATED ON A LABEL. THIS REGULATION DOES NOT APPLY TO WINE-VINEGAR.

PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS CORROSIVE WHEN THE CONC. IS >250G/KG (25.0%), AND AS HARMFUL WHEN THE CONC. IS 100-250G/KG (10.0-25.0%)
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

APR1986 GMBL** 11(G3191A), 173, 1985

CLASS THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).
 IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.
 C - CORROSIVE. CAUSES BURNS (R 34). KEEP OUT OF REACH OF CHILDREN (S 2). DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (S 23). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).
 APPLIES TO ACETIC ACID CONCENTRATIONS 25-90%. THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL.

APR1986 OJEC** L. 106, 18, 1982

RQR PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ACETIC ACID AT CONC'S > 25.0% SHALL BE CONSIDERED AS CORROSIVE AND AT CONC'S OF 10.0 -25.0% AS IRRITANT
 MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

APR1986 OJEC** L147, 11, 1983

RQR THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962. OJEC 115.2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).
 RSTR ACETIC ACID (E260) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN)
 PRMT ACETIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E260) TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN IN THE DIRECTIVE 70/524/EEC (AS AMENDED BY OJEC L319,13,1984) AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE (OJEC L245, 1, 1985 AS LAST AMENDED BY THE REFERENCE GIVEN).
 LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319, 13, 1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.
 RECL 8H-TWA: 25MG/M3 (10PPM). STEL(10MI-TWA): 37MG/M3 (15PPM)

FEB1986 OJEC** L43, 11, 1981

PRMT ACETIC ACID (E260) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962. OJEC 115.2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).

FEB1986 OJEC** L372, 43, 1985

PRMT ACETIC ACID (E260) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962. OJEC 115.2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).

FEB1986 OJEC** L39, 55, 1986

PRMT ACETIC ACID (E260) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962. OJEC 115.2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).

OCT1985 GNHSE* EH40/85, 1, 1985

RECL 8H-TWA: 25MG/M3 (10PPM). STEL(10MI-TWA): 37MG/M3 (15PPM)

JAN1983 GBRSI* 1702, 1, 1978

CLASS LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2P (APPLIED FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)

APR1986 GBRSI* 17, 1, 1983

RQR ES TO GLACIAL ACETIC ACID AND > 90% BY WEIGHT FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)

APR1986 GBRSI* 943, -, 1983

RQR PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ANHYDRIDE WORKS IN WHICH ACETIC, MALEIC OR PHTHALIC ANHYDRIDES OR THE CORRESPONDING ACIDS ARE MADE OR RECOVERED.

GBR	REG	AIR	EMI	RQR	APR1986	GBRSI*
JPN	REC	AIR	OCC	MAC	JUL1986	SAIGLB 27, 195-219, 1985
KEN	REG	FOOD	PRMT	PRMT	SEP1982	GSKEN* 40, 386, 1978
KEN	REG	FOOD	PRMT	PRMT	SEP1982	GSKEN* 40, 374, 1978
KEN	REG	FOOD	MXL	MXL	SEP1982	GSKEN* 40, 318, 1978
SUN	REG	AIR	OCC	MAC	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI	MAC	SEP1985	PDKAV* 3086-84, -, 1984
SUN	REG	AQ	SURF	MAC	SEP1985	PKVO* 2932-83, -, 1983
SWE	REG	SALE	RSTR	RSTR	OCT1982	STLIF* 1978:19, 1, 1978
SWE	REG	PACK	RQR	RQR	1JAN1979	
SWE	REG	FOOD	MXL	MXL		
SWE	REG	FOOD	RQR	RQR		
SWE	REG	CLASS	OCC	CLASS	23NOV1983	STNAF* 1983:6, 1, 1983
SWE	REG	AIR	HLV	HLV	01JAN1985	AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL	PACK	CLASS	JUN1986	UNTDG* -, 11, 1986
USA	REC	AIR	OCC	TLV	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	FOOD USE	PRMT	PRMT	OCT1985	FEREAC 49, 35746, 1984
USA	REC	FOOD FEED	ARL	ARL	APR1986	CFRUS* 40(180), 269, 1981
USA	REC	FOOD FEED	ARL	ARL	APR1986	CFRUS* 40(180.1001), 251, 1981

IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS ACETIC ACID AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.

25 MG/M3 (10PPM)
VALUES ARE: TWA
FOOD ADDITIVES PERMITTED AS CLASS I PRESERVATIVES.

FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.
FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS.

FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.
VINEGAR SHALL CONTAIN NOT LESS THAN 4.0% OR MORE THAN 12.3% ACETIC ACID
CLV : 5.0 MG/M3 (VAPOUR)
0.2 MG/M3 1X/D, 0.06 MG/M3 AV/D.
1.2 MG/L

ACETIC ACID OR ACETIC ACID-PRODUCTS SHALL IN RETAIL BUSINESS BE MARKETED IN PACKAGINGS READY FOR USE.
PRODUCTS WITH AN ACETIC ACID CONTENT WHICH EXCEEDS 25G/100G MAY NOT BE MARKETED AS FOOD STUFF TO ULTIMATE CONSUMER
GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE
TWA : 25 MG/M3 (10 PPM) STEL : 35 MG/M3 (15 PPM)

'TWA' REFERS TO '1D-TWA'.
'STEL' REFERS TO 'STEL(15MIN-TWA)'.
HAZARD CLASS: 8 = CORROSIVE SUBSTANCE.
PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.
(APPLIES TO GLACIAL ACETIC ACID OR TO ACETIC ACID SOLUTION MORE THAN 10% BY WEIGHT)
TWA: 25MG/M3 (10PPM); STEL: 37MG/M3 (15PPM)
THE SUBSTANCE IS PERMITTED FOR USE AS AN ACID FIREFIGHTER IN PROCESSED MEAT AND POULTRY PRODUCTS IF ADDED ONLY IN AMOUNTS SUFFICIENT TO ACCOMPLISH THE STATED TECHNICAL EFFECT, AND IF IT IS INDICATED ON A LABEL. (AMENDMENT OF CFR(31 8.381).)

EXEMPTIONS FROM RESIDUE TOLERANCE REQUIREMENT SHALL BE MADE FOR THIS SUBSTANCE, WHEN USED AS A POST-HARVEST FUNGICIDE, IN OR ON CERTAIN SPECIFIED PLANT PRODUCTS.
THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.

APR1986 CFRUS* 9(318,381),201,398,1981

APR1986 CFRUS* 29(1910),673,1981
 APR1986 CFRUS* 16(1500),346,1982

MAY1986 CFRUS* 40(116),33,1981

MAY1986 CFRUS* 40(117),44,1981

MAY1986 CFRUS* 21,242,1981

USA	REG	FOOD	PRMT MXL	PERMITTED, WITHIN CERTAIN LIMITS, TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS AS A REFINING AGENT IF ELIMINATED DURING PROCESSING.
USA	REG	AIR LABEL GOODS	PEL RQR	TWA : 25 MG/M3 (10 PPM) IN ADDITION TO OTHER LABELLING REQUIREMENTS A CETIC ACID AND ANY PREPARATION CONTAINING 20% OR MORE THEREOF (IN A FREE OR CHEMICALLY UNNUTRALIZED FORM) MUST BE LABELLED AS "POISON"
USA	REG	AQ	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
USA	REG	AQ	EMI RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
USA	REG	USE FOOD	PRMT	THE FOOD-GRADE SUBSTANCE MAY BE USED TO ASSIS T CARAMELIZATION, IN THE PRODUCTION OF THE FOOD COLOUR ADDITIVE CARAMEL, IN AMOUNTS CONS ISTENT WITH GOOD MANUFACTURING PRACTICE.

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AF7140000 DINOSEB, ACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD - FEED - USE AGRIC GOODS	AL AL PRMT PRO	PLANT (SPECIFIED): 0.05MG/KG (PROVISIONAL); ALFALFA: 0.05MG/KG; PROVISIONAL TOXICITY CLASS: I, II (DEPENDING ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	AUG1985	SBTAP* -, 1, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG		CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.2MG/KG; OTHER PLA NT PRODUCTS: 0.05MG/KG (INCL. DINOSEB AND ITS SALTS, CALCULATED AS DINOSEB). (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. (NOTE A). TOXIC BY INHALATION. I N CONTACT WITH SKIN AND IF SWALLOWED (R 23/24 /25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MED ICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (APPLIES TO DINOSEB SALTS AND ESTERS THE CHEMICAL NAME MUST BE STATED ON THE LA BEL.)		APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN DINOSEB AND/OR ITS SALTS AND ESTERS ARE CLASSIFIED INTO CLASS IB I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%, WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983

JPN	REG	CLASS LABEL SALE USE	CLASS RQR RSTR AGRIC PRMT	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1983 JPPDL* -,-,
JPN	REG	USE	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	JUN1986 JPAGR* -,-, 1983
UN	REC	TRNSP LABEL PACK	CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (SOLID) OR 100-10% (LIQUID).		MAY1986 UNTDG* -, 203, 1986

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
AG1575000	MCPA					
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982 SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (ALL): 0.1MG/KG (WITH ITS SALTS AND ESTERS, MCPB AND SALTS AND ESTERS, CALCULATED AS MCPA)	JUN1986	BGBL** IS.635, 635-643, 1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF (S 13). (APPLIES TO MCPA AND ITS ESTERS AND D-SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). (APPLIES TO MCPA AND/OR ITS SALTS AND ESTERS)	APR1986	OJEC** L144, 1, 1984
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). (APPLIES TO MCPA AND/OR ITS SALTS AND ESTERS)	APR1986	OJEC** L144, 1, 1984

GBR	REG	USE	PRMT	APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983 APFG**	-, 89, 1983
GBR	REG	LABEL PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986 GBRS1*	17, 1, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	JUN1986 JPAGR*	-, -, 1983
SUN	REG	FOOD	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05MG/KG.	OCT1985 MDUPP*	2823-83, -, 1983
SUN	REG	AQ	MAC	0.25MG/L	SEP1985 PDKVO*	2932-83, -, 1983
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS COMPONENT OF PESTICIDE MIXTURE FOR AGRICULTURAL USE. MIXING PROPORTION, APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	OCT1985 SCHSB*	-, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985 SCHSB*	-, -, 1982
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 0.1 MG/KG	JUN1983	
USA	REG	FOOD	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-300 MG/KG OF MCPA FROM APPLICATION OF THE ACID OR ITS SODIUM, ETHANOLAMINE, DIETHANOLAMINE, TRIETHANOLAMINE, ISOPROPANOLAMINE, DIISOPROPANOLAMINE, TRISOPROPANOLAMINE, OR DIMETHYLAMINE SALTS OR ITS ISOCTYL OR BUTOXYETHYL ESTERS. (AMENDED: FEREAC 47,8013, 1982; 47,33691, 1982)	01JAN1985	
USA	REG	FOOD	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.1 MG/KG (INCL. MCPA AND ITS METABOLITE 2-METHYL-4-CHLOROPHENOL)	JUN1986 STLIF*	1984: 13, 1, 1984
					APR1983 CFRUS*	40(180), 152, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AG2625000 SODIUM MCPA

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (ALL): 0.1MG/KG (WITH MCPA AND OTHER SALTS AND ESTERS THEREOF AS WELL AS MCPB AND ITS SALTS AND ESTERS. CALCULATED AS MCPA). (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	BGBL** I.S. 635, 635-643, 1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). (APPLIES TO MCPA AND ITS ESTERS AND D SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL - PACK -	RQR RQR	(APPLIES TO MCPA AND/OR ITS SALTS AND ESTERS) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
SWE	REG	REG USE	RQR RSTR	WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS	1JAN1981	PKB03* -, 1, 1980
SWE	REG	SALE USE LABEL STORE CLASS	PRMT PRMT RQR RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBEK* -, 58, 1986

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USA REG FOOD AGRIC ARL

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTION OF THE ACID OR ITS SODIUM, ETHANOLAMINE, DIETHANOLAMINE, TRIETHANOLAMINE, ISOPROPANOLAMINE, DIISOPROPANOLAMINE, TRIISOPROPANOLAMINE OR DIMETHYLAMINE SALTS OR ITS ISOCTYL OR BUTOXYETHYL ESTERS)

FEED

152, 1981

APR 1983 CFRUS* 40(180)

AG6825000 2,4-D; 2,4-DICHLOROPHENOXYACETIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	0.5-5.0 MG/KG.	27MCH1969	ALEYPP* 18073, -, 1969
ARG	REG	FEED	MXL	20 MG/KG.	MCH1982	ALEYPP* 18073, -, 1969
ARG	REG	AIR	MPC	TWA: 10 MG/M3; STEL: 20 MG/M3.	MCH1982	ALEYPP* 18073, -, 1969
BRA	REG	FOOD	AL	SPECIFIED PLANT PRODUCTS: 0.05-2MG/KG;	22MAY1979	ADECT# 351, -, 1979
	REG	USE	AGRIC	SECURITY INTERVAL: 30 DAYS (DIFFERENT FOR	AUG1985	SBTAP* -, 8, 1984
	REG	GOODS	PRMT	CERTAIN USES);		
	REG		PRO	PROVISIONAL TOXICITY CLASS: II, III (DEPENDING		
				ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC);		
				USE IN AGRICULTURE: AUTHORIZED;		
				USE IN DOMESTIC SANITATION: NOT AUTHORIZED.		
				SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC		
				USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE		
				GIVEN.		
CSK	REG	USE	AGRIC	8H-TWA: 10MG/M3; 30MI-STEEL: 50MG/M3 AVERAGE V	AUG1981	MAY1982 SPPOR* -, -, 1981
	REG	AIR	MAK	ALUE, 2X/SHIFT. (INCLUDING 2,4-D SALTS AND ES		
	REG			TERS)		
	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106,		
	REG	PACK	RQR	18, 1982).		
	REG	USE	RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL.		
				CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN		
				IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND		
				S) IS PROHIBITED OR RESTRICTED FOR PREADULTS		
				AND PREGNANT OR NURSING WOMEN.		
				(BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S.		
				2069, 1980 AS LAST AMENDED BY THE REFERENCE		
				GIVEN).		
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 2.0MG/KG, PLANT (GENERAL):	10OCT1980	BGBL** I.S. 140, 140, 1982
				0.1MG/KG (WITH ITS SALTS AND ESTERS, CALCULA		
				TED AS 2,4-D)		
				(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG		
				- BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE		
				REFERENCE GIVEN).		
				XN - HARMFUL. HARMFUL BY INHALATION, IN CONT		
				ACT WITH SKIN AND IF SWALLOWED (R 20/21/22).		
				KEEP OUT OF REACH OF CHILDREN (S 2). KEEP A		
				WAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF		
				S (S 13). (APPLIES TO 2,4-D AND ITS ESTERS A		
				ND SALTS. THE CHEMICAL NAME MUST BE STATED O		
				N THE LABEL.)		
				PESTICIDE PREPARATIONS WHICH CONTAIN THIS		
				SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.		
				WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND		
				WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%		
				AND AS HARMFUL AT >2.5-50%.		
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA		
				NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC		
				KAGING, FASTENINGS AND LABELS COMPLY WITH THE		
				REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78		
				/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED		
				BY THE REFERENCE GIVEN).		
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 2.0MG/KG, PLANT (GENERAL):	29APR1984	BGBL** I.S. 635, 635-643, 1984
				0.1MG/KG (WITH ITS SALTS AND ESTERS, CALCULA		
				TED AS 2,4-D)		
				(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG		
				- BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE		
				REFERENCE GIVEN).		
				XN - HARMFUL. HARMFUL BY INHALATION, IN CONT		
				ACT WITH SKIN AND IF SWALLOWED (R 20/21/22).		
				KEEP OUT OF REACH OF CHILDREN (S 2). KEEP A		
				WAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF		
				S (S 13). (APPLIES TO 2,4-D AND ITS ESTERS A		
				ND SALTS. THE CHEMICAL NAME MUST BE STATED O		
				N THE LABEL.)		
				PESTICIDE PREPARATIONS WHICH CONTAIN THIS		
				SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.		
				WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND		
				WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%		
				AND AS HARMFUL AT >2.5-50%.		
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA		
				NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC		
				KAGING, FASTENINGS AND LABELS COMPLY WITH THE		
				REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78		
				/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED		
				BY THE REFERENCE GIVEN).		
EEC	REG	LABEL	RQR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS	APR1986	OJEC** L. 106, 18, 1982
	REG	PACK	RQR	SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.		
				WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND		
				WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%		
				AND AS HARMFUL AT >2.5-50%.		
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA		
				NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC		
				KAGING, FASTENINGS AND LABELS COMPLY WITH THE		
				REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78		
				/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED		
				BY THE REFERENCE GIVEN).		
EEC	REG	CLASS	RQR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS	APR1986	OJEC** L144, 1, 1984
	REG	PACK	RQR	SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.		
	REG	LABEL	RQR	WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND		
	REG	SALE	RSTR	WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%		
				AND AS HARMFUL AT >2.5-50%.		
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA		
				NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC		
				KAGING, FASTENINGS AND LABELS COMPLY WITH THE		
				REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78		
				/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED		
				BY THE REFERENCE GIVEN).		

FAO/WHO REC	REC	FOOD	ADI	0.3 MG/KG BW	MCH1982	FPPDD	26, 68, 1981	
FAO/WHO REC	REC	FOOD	MRL	BLACKBERRIES, RASPBERRIES, VACCINIUM BERRIES 5 MG/KG; CITRUS FRUIT 2 MG/KG; POTATOES 0.2 M MG/KG; EGGS, MEAT, MILK AND MILK PRODUCTS 0.05 MG/KG.	MCH1982	FPPDD	11, 17, 1978	
FAO/WHO REC	REC	FOOD	MRL	BARLEY, OATS, RYE, WHEAT 0.5 MG/KG; OTHER CER EAL GRAINS 0.2 MG/KG	MCH1982	FPPDD	26, 68, 1981	
GBR	REG	LABEL PACK USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI*	17, 1, 1983	
GBR	REG	USE	PRMT	APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFI C USES, LIMITATIONS AND SAFETY PRECAUTIONS AR E LISTED.	MCH1983	APFG**	- , 89, 1983	
GBR	REC	AIR USE	RECL PRMT	8H-TWA: 10MG/M3. STEL(10M1-TWA): 20MG/M3 HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 3 WEEKS. (AP PLIES TO 2, 4-D WITH MALEIC HYDRAZIDE)	OCT1985	GNHSE**	EH40/85, 1, 1985	
GBR	REC	USE	PRMT	APPROVED FOR APPLICATION BY LULV, MACHINES. (I AND-ATRAZINE). SPECIFIC USES ARE LISTED	MCH1983	APFG**	- , 24, 1983	
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR TH E IMPORT AND/OR MANUFACTURE OF THE INSECTICID ES LISTED (INCL. THIS SUBSTANCE). LICENSES FO R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE MENTS CONCERNING PACKAGING, LABELLING, TRANS PORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	01AUG1971	MAY1984	INDIA**	- , -, 1968
JPN	REG	USE	AGRIC PRMT	SPECIAL FOOD PRODUCTS: 0.2 MG/KG.	JUN1986	JPAGR**	- , -, 1983	
KEN	REG	FOOD	MXL	0.010 MG/L OF DERIVATIVES OF 2,4-D IN COASTAL	SEP1982	GSKEN**	40, 410, 1978	
MEX	REG	AQ	AMBI MPC	WATERS	OCT1982	DOMEX**	29 MCH, 1167, 1973	
MEX	REG	AQ	AMBI MPC	0.10 MG/L OF 2,4-D DERIVATIVES IN ESTUARIES	27JUN1973	DOMEX**	29 MCH, 1167, 1973	
SUN	REG	AIR	MAC	CLV : 1.0 MG/M3 (AEROSOL)	JAN1977	GOSTS**	12.1.005, -, 1976	
SUN	REG	FOOD	PRO	PESTICIDE PROHIBITED IN ALL FOOD PRODUCTS.	JUN1983	MDUPP**	2823-83, -, 1983	
SUN	REG	USE	AGRIC PRMT	(APPLIES TO 2,4-D AND ITS COMPOUNDS). ADI = 0.001MG/KG (CALCULATED VALUE).	OCT1985	SCHSB**	- , -, 1982	
SUN	REG	SOIL FEED	MAC MRL	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICU LTURAL USE. APPLICATION DOSE, MODE AND TREATM ENT FREQUENCY IS SPECIFIED.	MAY1984	PDKPP**	3034-84, -, 1984	
SUN	REG	SOIL FEED	MAC MRL	0.1MG/KG (DAIRY CATTLE); 0.6MG/KG (FATTENING CATTLE)(APPLIES TO 2,4-D AND ITS DERIVATIVES)	APR1981	SCHSB**	SUPL-4, -, 1982	
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	STNAF**	1983:6, 1, 1983	
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 0.1-2 MG/KG	JUN1986	STLIF**	1984:13, 1, 1984	
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 5.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-75% (LIQUID).	01JAN1985	UNTDC**	- , 203, 1986	
USA	REG	AQ	DRINK MPC	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.1 MG/L	JUL1983	CFRUS**	21, 52, 1981	
USA	REC	AIR	OCC TLV	TWA: 10MG/M3; STEL: 20MG/M3 (STEL VALUE INTEN DED TO BE DELETED).	SEP1985	ACGIH*	1984-85, 9, 1984	
USA	REG	WASTE AQ	RQR GRND	AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYP ES OF HAZARDOUS WASTE STORAGE, TREATMENT OR D ISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE. (AMENDED: FERAC 47, 1254, 1982 (INTERIM); 47, 7 842, 1982 (INTERIM); 47, 32274, 1982)	19NOV1980	CFRUS**	40, 483/536, 1981	

USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO 2,4-D AND ITS SALTS AND ESTERS)	22JUL1981 JUL1983 CFRUS* 40(264),455,1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.2-5 MG/KG. (APPLICOTS: 5MG/KG OF 2,4-D, INCL. RESIDUES FROM PREHARVEST APPLICATION OF ITS DIMETHYLAMINE SALTS) (CITRUS FRUIT): 5 MG/KG OF 2,4-D INCL. RESIDUES FROM PREHARVEST APPLICATION OF ITS BUTOXYETHYL ESTER, POSTHARVEST APPLICATION OF ITS ALKANOLAMINE SALTS, AND PRE- AND POSTHARVEST APPLICATION OF ITS ISOPROPYL ESTER) (STRAWBERRIES: 0.05MG/KG OF 2,4-D FROM APPLICATION OF ITS ALKANOLAMINE SALTS) (ASPARAGUS: 5 MG/KG FOR RESIDUES OF 2,4-D SODIUM SALT AND ALKANOLAMINE SALTS, CALCULATED AS 2,4-D)	AUG1983 FERECAC 47,620,1982
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.1-1000 MG/KG AFTER APPLICATION OF CERTAIN SPECIFIED 2,4-D AMINE SALTS, INORGANIC SALTS OR ESTERS, OR OF THE 2,4-D ACID. SPECIFIED ANIMAL PRODUCTS: 0.05-2MG/KG (INCL. THE METABOLITE 2,4-DCP). FISH, SHELLFISH, AND SPECIFIED PLANT PRODUCTS: 1.0 MG/KG AFTER APPLICATION OF THE DIMETHYLAMINE SALT OR, IN ONE CASE, THE BUTOXYETHANOL ESTER, FOR SPECIFIED AQUATIC USES. (WHERE HIGHER TOLERANCES ARE ESTABLISHED FROM OTHER USES OF 2,4-D OR ITS DIMETHYLAMINE SALT ON THE SPECIFIED CROPS, THE HIGHER TOLERANCES ALSO APPLY TO RESIDUES FROM THESE AQUATIC USES.) (AMENDED: FERECAC 47,620,1982; 48,2322,1982)	APR1983 CFRUS* 40(180),152,1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO 2,4-D AND ITS SALTS AND ESTERS)	19NOV1980 JUL1983 CFRUS* 40 (261),368,1981
USA	REG	AQ	DRINK RQR	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.1MG/L OF 2,4-D. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	24DEC1976 MAY1983 CFRUS* 40,309,1981
USA USA	REG REG	FEED FOOD FEED	ARL AGRIC ARL	SPECIFIED ANIMAL FEED PRODUCTS: 2-5 MG/KG RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.2 MG/KG (INCL. 2,4-DB AND ITS METABOLITE 2,4-D). (AMENDED: FERECAC 48,19026,1983)	JUL1983 CFRUS* 21(561),523,1981 APR1983 CFRUS* 40(180),152,1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)	APR1983 CFRUS* 40(261),376,1981

USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO 2,4-D AND ITS SALTS AND ESTERS)	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	MPC CLASS RSTR	ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 10.0 MG/L OF THIS SUBSTANCE	APR1983	CFRUS* 40(261), 360, 1981	
USA	REG	WASTE - AQ	RQR MPC	FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF 2,4-D IN GROUND WATER TO EXCEED 0.1 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.	15OCT1979	APR1983	CFRUS* 40(257), 332, 335, 1981
USA	REG	AQ	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40(116), 33, 1981	
USA	REG	AQ	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40(117), 44, 1981	
USA USA	REG REG	AIR AQ	PEL EMI RQR WASTE	TWA: 10 MG/M3 PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT. ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FERAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	JUN1974	APR1983 MAY1983	CFRUS* 29(1910), 673, 1981 CFRUS* 40(122), 121, 1981
USA	REG	FOOD	ARL	RESIDUE TOLERANCES IN SPECIFIED FOOD PRODUCTS	OCT1985	CFRUS* 21, 380, 1981	
WHO	REC	AQ	DRINK GL	100 UG/L (MAY BE DETECTABLE BY TASTE AND ODOUR AT LOWER CONC.)	MCH1983	WHODW* -, 17, 1983	

AH5425000 ETHYL ACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 1400 MG/M3 (400 PPM), STEL : 1400 MG/M3 (400 PPM)	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	TWA : 400.0 MG/M3 ; CLV : 2000.0 MG/M3	MCH1985	HPMZC* 58, -, 1985
CSK	REG	HUMAN FOOD	MPC		LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCT: 1.0G/KG.	OCT1978	HPMZC* 43, -, 1978
DEU	REC	AIR	OCC	MAK	8H-TWA: 1400MG/M3 (400PPM); 5MI-STEL: 2800MG/M3 (800PPM) CEILING VALUE. 8X/SHIFT. LOCAL IR RITANT. (VP=9.7KPA AT 20C)	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	THE SUBSTANCE BELONGS TO CLASS III THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REC	AQ STORE TRNSP	CLASS		THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. HIGHLY FLAMMABLE (R 11). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (S 23). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106, 18, 1982
EEC	REG	FOOD	PRMT		THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC 115, 2645 /62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).	FEB1986	OJEC** L43, 11, 1981

GBR	REG	AIR	OCC	RECL	8H-TWA: 1400MG/M3 (400PPM)	OCT1985	GNHSE*	EHHQ/85, 1, 1985
GBR	REG	TRNSP	CLASS	CLASS	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID.	28MCH1979	GBRSI*	1702, 1, 1978
GBR	REG	LABEL	RQR	RQR	EMERGENCY ACTION CODE : 3(Y)E	1SEP1978	GBRSI*	17, 1, 1983
JPN	REC	PACK	RQR	RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC**			
JPN	REC	USE	RSTR	RSTR	L. 106, 18, 1982)			
JPN	REC	AIR	OCC	MAC	1400 MG/M3 (400PPM)	JUL1986	SAIGLB	27, 195-219, 1985
JPN	REG	CLASS	CLASS	CLASS	VALUES ARE: TWA	JUL1983	JPPDL*	-,-,
SUN	REG	LABEL	RQR	RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGN	AUG1972		
SUN	REG	SALE	RQR	RSTR	ATED AS DELETERIOUS			
SUN	REG	AIR	OCC	MAC	CLV : 200.0 MG/M3 (VAPOUR)	JAN1977	GOSTS*	12.1.005,-, 1976
SUN	REG	AIR	AMBI	MAC	0.1MG/M3 1X/D, 0.1MG/M3 AV/D.	AUG1984	PDKAV*	3086-84,-, 1984
SUN	REG	AQ	SURF	MAC	0.2 MG/L	OCT1983	PDKVO*	2932-83,-, 1983
SWE	REG	FOOD	PRMT	PRMT	PERMITTED AS SOLVENT FOR FOOD-ADDITIVES	1JAN1981	STLIF*	1980:13,3, 1980
SWE	REG	AIR	OCC	HLV	TWA : 700 MG/M3 (200PPM) STEL : 1500 MG/M3 (4	01JAN1985	AFS***	1984:5, 10, 1984
USA	REG	AIR	OCC	TLV	'TWA' REFERS TO '1D-TWA'			
USA	REG	FOOD	PRMT	PRMT	'STEL' REFERS TO 'STEL(15MIN-TWA)'			
USA	REG	FOOD	USE	USE	TWA: 1400 MG/M3 (400 PPM).	SEP1985	ACGIH*	1984-85, 9, 1984
USA	REG	FOOD	USE	USE	THE SUBSTANCE MAY BE USED SAFELY IN ACCORDANC	OCT1985	FEREAC	49, 28548, 1984
USA	REG	FOOD	FEED	FEED	E WITH GOOD MANUFACTURING PRACTICE AS A SOLVE			
USA	REG	FOOD	FEED	FEED	NT IN THE DECAFFEINATION OF COFFEE AND TEA.	APR1986	CFRUS*	40(180.1001), 251, 1981
USA	REG	FOOD	FEED	FEED	(AMENDMENT OF CFR 21(173).)			
USA	REG	FOOD	FEED	FEED	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU			
USA	REG	FOOD	FEED	FEED	IREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED			
USA	REG	FOOD	FEED	FEED	ACCORDING TO GOOD AGRICULTURAL PRACTICES AS			
USA	REG	FOOD	FEED	FEED	AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT			
USA	REG	FOOD	FEED	FEED	OF PESTICIDES APPLIED TO GROWING CROPS OR TO			
USA	REG	FOOD	FEED	FEED	RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR			
USA	REG	FOOD	FEED	FEED	SOME SPECIFIED PURPOSES.			
USA	REG	FOOD	FEED	FEED	CE IS USED AS A SOLVENT, IF THE SUBSTAN			
USA	REG	FOOD	FEED	FEED	IN SPRAY FINISHING OPERATIONS. IF THE SUBSTAN			
USA	REG	FOOD	FEED	FEED	CE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME			
USA	REG	FOOD	FEED	FEED	EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE			
USA	REG	FOOD	FEED	FEED	E FOR A SPRAY OPERATION) MUST BE SUCH AS TO D			
USA	REG	FOOD	FEED	FEED	ILUTE THE VAPOUR TO AT LEAST 25% OF THE SUBST			
USA	REG	FOOD	FEED	FEED	ANCES LOWER EXPLOSIVE LIMIT, WHICH IS 2.5% BY			
USA	REG	FOOD	FEED	FEED	VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING O			
USA	REG	FOOD	FEED	FEED	F EXTERIORS OF BUILDINGS, ETC)			
USA	REG	FOOD	FEED	FEED	TWA : 1400 MG/M3 (400 PPM)	APR1986	CFRUS*	29(1910), 673, 1981
USA	REG	FOOD	FEED	FEED	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL	MAY1986	CFRUS*	40(261), 368, 1981
USA	REG	FOOD	FEED	FEED	PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUB			
USA	REG	FOOD	FEED	FEED	JECT TO REGULATION AND NOTIFICATION REQUIREME			
USA	REG	FOOD	FEED	FEED	NTS.			
USA	REG	FOOD	FEED	FEED	THE FOOD ADDITIVE N-ACETYL-L-METHIONINE : 500			
USA	REG	FOOD	FEED	FEED	MG/KG			
USA	REG	FOOD	FEED	FEED	THE FOOD ADDITIVE MODIFIED HOP EXTRACT : 1MG/			
USA	REG	FOOD	FEED	FEED	KG			
USA	REG	FOOD	FEED	FEED		MAY1986	CFRUS*	21, 39, 1981
USA	REG	FOOD	FEED	FEED		MAY1986	CFRUS*	21, 52, 1981

AH9100000 SODIUM FLUOROACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	CLASS DANGEROUS POISONOUS SUBSTANCE NOT REGISTERED AS A PESTICIDE	JUL1967	MAY1982	SZCSR* 22,217, 1967
DEU	REG	USE	MRL	PLANT (ALL) 0.01 MG/KG (WITH FLUOROACETIC ACID AND OTHER COMPOUNDS AND DERIVATIVES THEREOF) (PFLANZENSCHUTZMITTEL-HOCHSTIMMGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AIR	OCC	8H-TWA: 0.05MG/M3; 30MI-STEL: 0.10MG/M3 AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION)		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.		MAY1982	BGBL** I.S.772,777-779, 1980
DEU	REG	AQ	TRNSP	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).		APR1986	GMBL** 11(G3191A), 173, 1985
DEU	REG	USE	AGRIC	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	1974	SEP1986	BGBL** I.S.2335, -, 1980
EEC	REG	MANUF - USE	INDST	SODIUM FLUOROACETATE AND ITS COMPOUNDS & DERIVATIVES ARE PROHIBITED FOR USE IN AGRICULTURE. LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >= 1KG (WITH OTHER FLUOROACETIC ACID SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.	8JAN1984	DEC1982	OJEC** L230, 1, 1982
GBR	REC	AIR	OCC	8H-TWA: 0.05MG/M3. STEL(10MI-TWA): 0.15MG/M3. SKIN ABSORPTION		OCT1985	CNHSE* EH40/85, 1, 1985
GBR	REG	PACK STORE TRNSP	RQR	REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN. (APPLIES TO FLUOROACETIC ACID AND ITS SALTS) (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077, 1, 1985
GBR	REG	SALE STORE	RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO FLUOROACETIC ACID AND ITS SALTS) (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077, 1, 1985

GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS. (APPLIES TO FLUOROACETIC ACID AND ITS SALTS)	1 APR 1982	JAN 1983	GBRSI* 217,1,1982
IMO	REC	TRNSP LABEL PACK	CLASS MARIN	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 1% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL 1983	IMCOC* 111,6147,1977	
IMO	REC	TRNSP LABEL PACK	CLASS MARIN	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL 1983	IMCOC* 111,9030,1977	
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A RODENTICIDE	JUN 1986	JPAGR* -, -, 1983	
SWE UN	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23 NOV 1983	OCT 1984	STNAF* 1983:6,1,1983
	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	SEP 1982	UNTDG* -, 11,1986	
USA	REC	AIR	OCC	TWA: 0.05 MG/M3; STEL: 0.15 MG/M3 (SKIN ABSORPTION).	SEP 1985	ACGIH* 1984-85,9,1984	
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19 NOV 1980	JUL 1983	CFRUS* 40(261),367,1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46,38318,1981; 47,27531,1982 (INTERIM))	22 JUL 1981	JUL 1983	CFRUS* 40(264),455,1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19 NOV 1980	JUL 1983	CFRUS* 40(261),358,1981
USA	REG	USE LABEL	CLASS RSTR RQR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4 AUG 1975	APR 1983	CFRUS* 40(162.31),55,1981
USA	REG	AIR	OCC	TWA: 0.05 MG/M3, SKIN ABSORPTION	JUN 1974	APR 1983	CFRUS* 29(1910),673,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
A15250000	LEAD(11)	ACETATE					
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. RQR LABEL: "POISON". FURTHER GENERAL REQUIREMENTS CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO LEAD ACETATES)	1 APR 1982	JAN 1986	GMBL** 11(G3191A), 173, 1985
GBR	REG	LABEL PACK STORE TRNSP CLASS SALE	RQR		1 APR 1982	JAN 1983	GBRSI* 217, 218, 1, 1982
GBR	REG	CLASS	RQR		1 APR 1982	JAN 1983	GBRSI* 217, 1, 1982
IMO	REC	TRNSP LABEL PACK CLASS	RSTR	POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS. (APPLIES TO LEAD ACETATES) HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP 1982	IMCOC** 4, 10003, 1977	
SWE UN	REC	TRNSP LABEL PACK CLASS	RQR	CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	23 NOV 1983	OCT 1984	STNAF* 1983:6, 1, 1983
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22 JUL 1981	JUL 1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS) UNLESS PERMIT AND NOTIFICATION REQUIREMENTS UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19 NOV 1980	JUL 1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RSTR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FER EAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19 NOV 1980	JUL 1983	CFRUS* 40 (261), 368, 1981
USA	REG	AQ EMI	RQR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORE	MAY 1983	CFRUS* 40 (117), 44, 1981	

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INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 2270 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

USA REG AQ EMI

MAY1983 CFRUS* 40(116), 33, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

A17875000 PHENTHOATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.01-0.4MG/KG; SECURITY INTERVAL: 21 DAYS; PROVISIONAL TOXICITY CLASS: II, III (DEPENDING ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	10CT1980	AUG1985	SBTAP* 2, 1, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E. WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50% AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN, (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	ADI: 0.003MG/KG BW. MRL: CITRUS FRUITS: 1MG/KG; CARCASS MEAT OF CATTLE, EGGS, RICE (HUSKED): 0.05MG/KG; MILK: 0.01MG/KG (LEVELS REFER TO PHENTHOATE ALONE - WITHOUT METABOLITES).		APR1986	FPPDD 62, 80, 1985
GBR	REG	LABEL PACK USE	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
JPN	REG	AGRIC PRMT		THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUN1986	JPAGR* -, -, 1983
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (EXCEPT WHEN THE CONC. IS BELOW 3%)	JAN1965	JUL1983	JPPDL* -, -,
JPN	REG	FOOD FOOD	ARL MRL	SPECIFIED PLANT PRODUCTS: 0.05-0.1MG/KG LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1MG/KG. ADI = 0.004MG/KG (CALCULATED VALUE).	JUN1983	JUL1983	JPNFS* -, -, OCT1985 MDUPP* 2823-83, -, 1983
SUN	REG	AIR OCC	ADI MAC	CLV: 0.15MG/M3 (VAPOUR + AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976

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SUN	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB**	-,-, 1982
SWE	REG	SOIL	PSL		0.4MG/KG	MCH1982	OCT1985	ODKPP**	2530-82,-, 1982
UN	REC	FOOD	MTC		CITRUS FRUITS: 1.0MG/KG.	01JAN1985	JUN1986	STLIF**	1984:13,1,1984
	REC	TRNSP	CLASS		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE;		APR1986	UNTDG**	-,203,1986
		LABEL	PACKING	GROUP:	III = SUBSTANCE PRESENTING MINOR DANGER WHEN				
		PACK			100-70% A.1. (SOLID OR LIQUID)				

AJ8400000 2,4,5-T; 2,4,5-TRICHLOROPHENOXYACETIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG CSK	REG REG	AIR USE	OCC AGRIC PRMT	TWA: 10MG/M3; STEL: 20MG/M3. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	22MAY1979 AUG1981	MCH1982 ADECT* 351, -, 1979 MAY1982 SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 2.0 MG/KG, PLANT (GENERAL) 0.05 MG/KG (WITH ITS SALTS AND ESTERS, CALCULATED AS 2,4,5-T) (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 10MG/M3; 30MI-STEL: 50MG/M3 AVERAGE VALUE, 2X/SHIFT. (CUTANEOUS ABSORPTION) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986 BGBl** I.S.635, 635-643, 1984
DEU	REG	AIR	OCC MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	RQR - RQR - OCC RSTR		10OCT1980	JUN1986 BGBl** I.S.140, 140, 1982
DEU	REG	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). (APPLIES TO 2,4,5-T AND ITS ESTERS AND SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS 11B, I.E. WHEN SOLID: AS HARMFUL AT CONCS >12.5-100%, WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS >6-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). (APPLIES TO 2,4,5-T AND ITS SALTS AND ESTERS)	APR1986	OJEC** L144, 1, 1984

FAO/WHO REC	REG	USE	CLASS	ADDITIONAL INFO	REGISTRATION DATE
GBR	REG	USE	PRMT	AD1: 0.03MG/KG BW. MRL: CEREAL STRAW: 2MG/KG; APPLES, APRICOTS, BARLEY, CARCASS MEAT, EGGS, MEAT BY-PRODUCTS, MILK, OATS, RICE, RYE, SUGAR CANE, WHEAT: 0.02MG/KG. APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.	APR1986 FPPDD 37, 57, 1982
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY 'ULV' MACHINES. SPECIFIC USES ARE LISTED.	MCH1983 APFG** -, 89, 1983
GBR	REG	LABEL PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	MCH1983 APFG** -, 24, 1983
GBR	REG	AIR	RQR		APR1986 GBRSI* 17, 1, 1983
JPN	REG	CLASS	RQR	8H-TWA: 10MG/M3. STEL(10MI-TWA): 20MG/M3. THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO 2,4,5-T AND ITS ESTERS).	OCT1985 GNHSE* EH40/85, 1, 1985 JUL1983 JPPDL* -, -,
KEN	REG	USE	RSTR	TOTAL BAN AS A PESTICIDE.	22APR1985 KENPC* PCPB/1/11/95, -, 1985
MEX	REG	USE	RSTR	0.010 MG/L OF DERIVATIVES OF 2,4,5-T IN COASTAL WATERS	27JUN1973 DOMEX* 29 MCH, 1167, 1973
MEX	REG	USE	RSTR	0.10 MG/L OF DERIVATIVES OF 2,4,5-T IN ESTUARIES	OCT1982 DOMEX* 29 MCH, 1167, 1973
SWE	REG	USE	RSTR	PESTICIDE FORMULATIONS MAY NOT BE REGISTERED IF THEY CONTAIN 2,4,5-T OR DERIVATES OR SALTS THEREOF	31MAY1977 SVENF* 1977 : 246, 1, 1977
SWE	REG	USE	RSTR	2,4,5-T AND DERIVATIVES ARE BANNED BECAUSE OF TOXIC IMPURITIES IN COMMERCIAL PRODUCTS.	SEP1986 PKB*** 28APR, -, 1977
UN	REG	CLASS	RSTR	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (LIQUID). TWA: 10MG/M3; STEL: 20MG/M3 (STEL VALUE INTENDED TO BE DELETED).	MAY1986 UNTDG* -, 203, 1986
USA	REG	AIR	RQR	SPECIFIED APPLICANTS FOR PERMITS TO DISCHARGE PROCESS WASTE WATER INTO US WATERS MUST REPORT QUANTITATIVE DATA ON TCDD IF THEY USE OR MANUFACTURE 2,4,5-T	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	AQ	RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	18JUL1980 MAY1983 CFRUS* 40(122.53), 122, 1981
USA	REG	WASTE	RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	THE SUBSTANCE IS CLASSIFIED AS AN IMPLEMENT OF WAR (ANTIPLANT CHEMICAL) SUBJECT TO CERTAIN SPECIFIED IMPORT RESTRICTIONS	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AQ	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO	JUL1983 CFRUS* 27(47), 263, 1981
USA	REG	AQ	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO	MAY1983 CFRUS* 40(122), 121, 1981

BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FERAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

TWA: 10 MG/M3
 AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))
 THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
 UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
 CANCELLATIONS OF REGISTRATIONS OF PRODUCTS CONTAINING 2,4,5-T AS AN ACTIVE INGREDIENT. ON THE BASIS OF AVAILABLE DATA, EPA HAS CONCLUDED THAT THIS CHEMICAL OR ITS CONTAMINANT (TCDD) CREATE SERIOUS HEALTH RISKS FOR HUMANS. SEVERAL STUDIES HAVE REVEALED THAT THEY CAUSE FETOXIC, TERATOGENIC AND CARCINOGENIC EFFECTS IN ANIMALS EXPOSED TO THEM. THE OCCURRENCE OF THESE EFFECTS INDICATED THAT HUMANS EXPOSED MAY ALSO EXPERIENCE COMPARABLE EFFECTS.

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
 22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981

MAY1983 CFRUS* 40(116), 33, 1981

MAY1983 CFRUS* 40(117), 44, 1981

SEP1986 FERAC 48, 48434, 1983

USA REG AIR OCC PEL
 USA REG WASTE RQR

USA REG AQ EMI CLASS

USA REG AQ EMI RQR
 RSTR

USA REG USE AGRIC PRO

1984

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AJ9100000	TCA, SODIUM SALT						
CSK	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT PRODUCTS: 1.0-2.0MG/KG; OTHER SALTS THEREOF, CALCULATED AS TCA) (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK USE	RQR RQR RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.		APR1986	OJEC** L.106, 18, 1982
GBR	REG	LABEL PACK USE	RQR RQR RQR	(BGBl I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	GBRSI* 17, 1, 1983
JPN	REG	USE AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUN1986	JPAGR* -, -, 1983
SUN	REG	AQ FOOD	MAC	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). AVOID CONTACT WITH SKIN AND EYES (S 24/25).	OCT1983	SEP1985	PDKVO* 2932-83, -, 1983
SUN	REG	USE AGRIC	PRMT	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01MG/KG. SUBSTANCE IS APPROVED AS COMPONENT OF PESTICIDE MIXTURE FOR AGRICULTURAL USE. MIXING PROPORTION, APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	AQ SALE USE	MAC	SURFACE WATER FOR FISHING: 0.035MG/L	JUN1981	OCT1985	SCHSB* SUPL-5, -, 1982
SWE	REG	LABEL STORE CLASS	PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		APR1986	PFBEK* -, 58, 1986

USA REG FOOD AGRIC ARL RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.5MG/KG APR1983 CFRUS* 40(180),152,1981

USA REG FOOD AGRIC ARL RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.5MG/KG

USA REG FOOD AGRIC ARL

USA

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
AK2975000		METHOMYL						
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-3MG/KG; SECURITY INTERVAL: 3-14 DAYS; PROVISIONAL TOXICITY CLASS: I (DEPENDENT ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE; AUTHORIZED; USE IN DOMESTIC SANITATION; NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	AUG1985	SBTAP* -, 8, 1984	
CSK	REG	USE	AGRIC PRMT		AUG1981	MAY1982	SPPOR* -, -, 1981	
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.5-4.0MG/KG; OTHER PLANT PRODUCTS: 0.2MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984	
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN METHOMYL ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984	
FAO/WHO	REC	FOOD FEED	GL	ALFALFA, BARLEY STRAW, OAT STRAW, PEA FORAGE, SORGHUM FORAGE, SOYBEAN FORAGE, WHEAT STRAW: 10MG/KG; CABBAGE, COLLARDS, GRAPES, LETTUCE, NECTARINES, PEAS (INCL. PODS), PEACHES, PEANU T FORAGE, SPINACH: 5MG/KG; CELERY: 3MG/KG; APPLES, ASPARAGUS, CITRUS (ORANGE, LEMON, GRA PEFRUIT, TANGELO), MINT HAY, SNAP BEANS: 2MG/KG; CAULIFLOWER, GRAPES, HOPS (DRIED), PEPPER S, TOBACCO (FLUE CURED), TOMATOES: 1MG/KG; CUCUMBERS, EGGPLANTS, ONIONS (GREEN), PEAS (S HELLED, EXCLUDING PODS): 0.5MG/KG; BARLEY, CANTALOUPS, MELONS, ONIONS (DRY), PINEAPPLES, SORGHUM, SUMMER SQUASH, WATERMELON: 0.2MG/KG; BEANS (DRY), COTTONSEED OATS, PEANUTS, PEANU T HULLS, POTATOES, SOYBEANS, SUGARBEETS, SWEE T CORN, WHEAT: 0.1MG/KG; MEAT, MILK: 0.02MG/KG FULL PROTECTIVE CLOTHING MUST BE WORN. A RESP IRATOR IS REQUIRED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES APPROVED AS A SYSTEMIC INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		APR1982	FPPDD	11, 30, 1978
GBR	REG	USE	RQR		MCH1983		APFG** -, 15, 1983	
GBR	REG	USE	PRMT		MCH1983		APFG** -, 89, 1983	
GBR	REC	AIR LABEL PACK STORE TRNSP	OCC RECL RQR RQR RQR	8H-TWA: 2.5MG/M3. SKIN ABSORPTION. LABEL: "POISON". FURTHER GENERAL REQUIREMENTS CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.	1APR1982	OCT1985	GNHSE* EH40/85, 1, 1985 GBRSI* 217, 218, 1, 1982	

GBR	REG	SALE STORE	RSTR RQR	DESCRIPTION	DATE	GBRSI#
GBR	REG	SALE STORE	RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI# 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986 GBRSI# 1077,1,1985
GBR	REG	SALE	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS. (GBRSI# 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986 GBRSI# 1077,1,1985
GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (GBRSI# 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986 GBRSI# 1077,1,1985
GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST	1APR1982	JAN1983 GBRSI# 217,1,1982
GBR	REG	USE	AGRIC RQR	PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POISONOUS SUBSTANCES IN AGRICULTURE REGULATIONS 1984 PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO POISONOUS CHEMICALS ON THE FARM BOOKLET. ISBN 011883414 2)	29AUG1984	AUG1986 GBRSI# 1984:1114,1,1984
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE	JUN1986	JPAGR# -, -, 1983
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1983	JPPDL# -, -,
KEN UN	REG REC	FOOD TRNSP LABEL PACK	MXL CLASS	SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG. HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100-34%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 34-8% (SOLID) OR 34-3% (LIQUID). TWA: 2.5 MG/M3 (SKIN ABSORPTION)	SEP1982 MAY1986	GSKEN# 40,410,1978 UNTDG# -,203,1986
USA USA	REC REG	AIR WASTE	TLV CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	ACGIH# 1984-85,9,1984 CFRUS# 40(261),367,1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUL1983	CFRUS# 40(264),455,1981

USA	REG	USE LABEL	RSTR CLASS RQR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4AUG1975	APR1983 CFRUS* 40(162.31), 55, 1981
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-10 MG/KG. (AMENDED: FEREAC 47,2 3931, 1982)	APR1983	CFRUS* 40(180), 152, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36 097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19 83 (ENFORCEMENT GUIDANCE).	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE IS SPECIFIED(HPLC)	APR1983	CFRUS* 40(261), 376, 1981

AL3150000 ACETONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 2400 MG/M3 (1000 PPM), STEL : 3000 MG/M3 (1250 PPM)	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	TWA: 800.0MG/M3; CLV: 4000.0MG/M3	MCH1985	HPMZC* 58, -, 1985
CSK	REG	HUMAN FOOD	MPC	MPC	LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCT	OCT1978	HPMZC* 43, -, 1978
DEU	REC	AIR	OCC	MAK	TS: 5G/KG.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	RQR RQR RSTR	8H-TWA: 2400MG/M3 (1000PPM); 60MI-STEL: 4800MG/M3 (2000PPM) CEILING VALUE, 3X/SHIFT. (VP=2 3.3KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	AIR	EMI	MXL	THE SUBSTANCE BELONGS TO CLASS III THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HARMFUL TO WATER (CLASS 0). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE, HIGHLY FLAMMABLE (R 11). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (S 23). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). 8H-TWA: 2400MG/M3 (1000PPM); STEL(10MI-TWA): 3000MG/M3 (1250PPM).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR		APR1986	OJEC** L. 106, 18, 1982
GBR	REC	AIR	OCC	RECL	8H-TWA: 2400MG/M3 (1000PPM); STEL(10MI-TWA): 3000MG/M3 (1250PPM).	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL	CLASS RQR	CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(Y)	28MCH1979	GBRSI* 1702, 1, 1978
GBR	REG	LABEL PACK USE	RQR RQR RSTR	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)	1SEP1978	GBRSI* 17, 1, 1983

JPN	REG	AIR	OCC	MAC	480MG/M3 (200PPM) VALUES ARE: TWA	JUL1986 SAIGLB 27, 195-219, 1985
SUN	REG	AIR	OCC	MAC	CLV: 200.0MG/M3 (VAPOUR)	JUN1982 GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI	MAC	0.35MG/M3 1X/D, 0.35MG/M3 AV/D.	SEP1985 PDKAV* 3086-84, -, 1984
SUN	REG	AQ	SURF	MAC	2.2MG/L	SEP1985 PDKVO* 2932-83, -, 1983
SWE	REG	AIR	OCC	HLV	TWA: 600MG/M3 (250PPM). STEL: 1200MG/M3 (500 PPM)	JAN1985 AFS*** 1984:5, 10, 1984
					'TWA' REFERS TO '1D-TWA'. 'STEL' REFERS TO '15MIN-TWA'. GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE.	23NOV1983
SWE	REG	CLASS	OCC	CLASS	TWA: 1780MG/M3 (750PPM); STEL: 2375MG/M3 (1000PPM).	OCT1984 STNAF* 1983:6, 1, 1983
USA	REG	AIR	OCC	TLV	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	FOOD FEED		ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	APR1986 CFRUS* 40(180.1001), 251, 1981
USA	REG	AIR USE	OCC	RSTR	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTANCE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE FOR A SPRAY OPERATION) MUST BE SUCH AS TO DILUTE THE VAPOUR TO AT LEAST 25% OF THE SUBSTANCE LOWER EXPLOSIVE LIMIT, WHICH IS 2.6% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING OFF EXTERIORS OF BUILDINGS, ETC)	APR1986 CFRUS* 29(1910), 166, 1981
USA	REG	USE	OCC	RSTR	NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE THE SUBSTANCE IS PRESENT IN SUFFICIENT QUANTITIES TO PRODUCE EXPLOSIVE/IGNITABLE MIXTURES.	APR1986 CFRUS* 29(1910), 419, 1981
USA	REG	AIR GOODS	OCC	PEL	TWA: 2400 MG/M3 (1000 PPM)	APR1986 CFRUS* 29(1910), 673, 1981
USA	REG	GOODS		RQR	CERTAIN NOVELTIES FOR BLOWING PLASTIC BALLOONS, IF THEY CONTAIN NO MORE THAN 25% BY WEIGHT ACETONE, WHERE OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM THE BAN AS A HAZARDOUS PRODUCT UNDER THE HAZARDOUS PRODUCT REGULATION	APR1986 CFRUS* 16(1500), 339, 1982
USA	REG	WASTE		CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	MAY1986 CFRUS* 40(261), 368, 1981
USA	REG	USE FOOD		RSTR	RESIDUES OF THIS SUBSTANCE, WHEN USED AS A SOLVENT IN CERTAIN SPECIFIED FOOD COLOUR ADDITIVES, MUST NOT EXCEED THE LIMITS SET FOR THE SAME SUBSTANCE IN SPICE OLEORESINS UNDER SPECIFIED FOOD ADDITIVE REGULATIONS.	19NOV1980
USA	REG	USE FOOD		RQR	THE FOOD ADDITIVE N-ACETYL-L-METHIONINE: 10 MG/KG	MAY1986 CFRUS* 21, 240, 1981
USA	REG	FOOD		PRMT	SPICE OLEORESINS: 30 MG/KG (AFTER BEING USED IN THE PRODUCTION OF THE PRODUCT(S))	MAY1986 CFRUS* 21, 39, 1981
USA	REG	FOOD USE		MPC	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD.	MAY1986 CFRUS* 21, 104, 1981
USA	REG	FOOD		PRMT		MAY1986 CFRUS* 21, 114, 1981

AL7700000 ACETONITRILE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 70 MG/M3 (40 PPM), STEL : 105 MG/M3 (60 22MAY1979	ADECT* 351,-,1979
BRA	REG	AIR	OCC	AL	55 MG/M3 (30 PPM) (FOR 48H/WK) (HAZARDOUS DEG	AUG1982 SMTBR* 3,139,1980
CSK	REG	AIR	OCC	CLASS	REQUIREMENTS AND RESTRICTIONS APPLY TO PR	MAY1982 SZCSR* 22,217,1967
DEU	REC	AIR	OCC	MAK	8H-TWA: 70MG/M3 (40PPM); 30M1-STEL: 140MG/M3	JAN1986 DFSK** XXI,16,1985
DEU	REG	LABEL	PACK	RQR	USE	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL	PACK	RQR	USE	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL	PACK	RQR	USE	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	STORE	TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO	APR1986 GMBL** 11(G3191A),173,1985
EEC	REG	LABEL	PACK	RQR	PACK	APR1986 OJEC** L.106,18,1982
EEC	REG	LABEL	PACK	RQR	PACK	JAN1983 OJEC** L213,17,1982
GBR	REG	TRNSP	LABEL	CLASS	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE.	28MCH1979 JAN1983 GBRSI* 1702,1,1978

GBR	REC	AIR	OCC	RECL	8H-TWA: 70MG/M3 (40PPM). STEL(10MI-TWA): 105 MG/M3 (60PPM) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	OCT1985 GNHSE* EH40/85, 1, 1985
GBR	REG	LABEL - PACK -	RQR	RQR		
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER. SUBSIDIARY RISK: INFLAMMABLE LIQUID. 0.7MG/L CLV: 10.0 MG/M3 (VAPOUR) 0.1MG/M3 1X/D HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.	APR1986 GBRSI* 17, 1, 1983 SEP1982 IMCOC* 4, 10003, 1977
SUN	REG	AQ	SURF	MAC		SEP1985 PDKVO* 2932-83, -, 1983
SUN	REG	AIR	OCC	MAC		JUN1982 GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI	PSL		SEP1985 OBUAV* 2947-83, -, 1983
UN	REC	TRNSP LABEL PACK	MARIN CLASS	CLASS		SEP1982 UNTDG* -, 11, 1986
USA	REC	AIR	OCC	TLV	TWA: 70MG/M3 (40PPM); STEL: 105MG/M3 (60PPM) (SKIN ABSORPTION).	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	FOOD FEED		ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	APR1983 CFRUS* 40(180, 1001), 258, 1981
USA	REG	MANUF		RQR	MANUFACTURERS AND PROCESSORS OF ACETONITRILE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	JUN1983 FEREAC 47, 38780, 1982
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE		RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH NITROGEN-SPECIFIC DETECTOR)	APR1983 CFRUS* 40(261), 376, 1981

USA
 USA
 REG
 REG
 AIR
 WASTE
 OCC
 PEL
 CLASS
 RSTR
 RQR
 TWA: 70 MG/M3 (40PPM)
 CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CON
 TAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZA
 RDOUS WASTES SUBJECT TO HANDLING, TRANSPORT,
 TREATMENT, STORAGE AND DISPOSAL REGULATIONS,
 PERMIT AND NOTIFICATION REQUIREMENTS. (AMEN
 DED : FEREAC 46,35246,1981; 46,40154,1981; 46
 ,44972,1981; 46,47429,1981; 46,56588,1981; 46
 ,61273,1981; 47,36097,1982; 47,52668,1982; 48
 , 2532,1983 (INTERIM) ; 48,11157,1983 (EN
 FORCEMENT GUIDANCE))

JUN1974

APR1983 CFRUS* 29(1910),673,1981
 APR1983 CFRUS* 40(261),362,378,1981

RECOMMENDATIONS-LEGAL MECHANISMS

A05955000 ACETYL BROMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GBR	REG	TRNSP LABEL	RQR	CLASS LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE, HYDRATE	28MCH1979	JAN1983	GBRSI* 1702,1,1978
USA	REG	AQ EMI	RQR	E. EMERGENCY ACTION CODE: 4WE CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1986		CFRUS* 40(116),33,1981
USA	REG	AQ EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1986		CFRUS* 40(117),44,1981

A09600000 ACETYLENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). F - FLAMMABLE. HEATING MAY CAUSE AN EXPLOSION (R 5). EXPLOSIVE WITH OR WITHOUT CONTACT WITH AIR (R 6). EXTREMELY FLAMMABLE (R 12). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 TONNES IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES, ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED, TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. ACETYLENE MAY ONLY BE IMPORTED UNDER LICENCE AND WHEN REMAINING IN THE CYLINDER IN WHICH IT WAS IMPORTED. FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)	10CT1980	JUN1986 BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L.106,18,1982
EEC	REG	MANUF - USE INDST	CLASS RQR		8JAN1984	OJEC** L230,1,1982
GBR	REG	IMPRT	RSTR		6DEC1978	MCH1983 GBRSI* 1723,1,1978
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR		1SEP1978	APR1986 GBRSI* 17,1,1983
GBR	REG	EMI	RQR	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ACETYLENE WORKS IN WHICH ACETYLENE IS MADE AND USED IN ANY CHEMICAL MANUFACTURING PROCESS. IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS ACETYLENE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. SIMPLE ASPHYXIAN	5AUG1983	APR1986 GBRSI* 943,-,1983
GBR	REG	AIR EMI	RQR		5AUG1983	APR1986 GBRSI* 943,1,1983
USA	REC	AIR OCC	TLV		SEP1985	ACGIH* 1984-85,9,1984

USA	REG	USE	OCC	RSTR	DESCRIPTION	DATE
USA	REG	USE STORE	OCC	RSTR RSTR	THE IN-PLANT TRANSFER (INCLUDING PIPE SYSTEMS THEREFORE), HANDLING, STORAGE, UTILIZATION AND FILLING OF ACETYLENE IN CYLINDERS MUST BE IN ACCORDANCE WITH THE SPECIFIED COMPRESSED GAS ASSOCIATION PAMPHLETS	APR1986 CFRUS* 29(1910), 213, 1981
USA	REG	STORE		RQR	INSPECTION REQUIREMENTS FOR LOW-PRESSURE COMPRESSED GAS CYLINDERS CONTAINING THE SUBSTANCE NO-POWER OPERATED INDUSTRIAL TRUCK MAY BE USED IN ATMOSPHERES WHERE A HAZARDOUS CONCENTRATION OF THE SUBSTANCE IS PRESENT.	APR1986 CFRUS* 29(1910), 403, 1981
USA	REG	USE	OCC	RSTR	IN INSTALLATIONS AND OPERATIONS OF OXYGEN-FUELED GAS SYSTEMS FOR WELDING AND CUTTING, ACETYLENE MAY NOT BE GENERATED, PIPED (EXCEPT IN CERTAIN CASES) OR USED AT A PRESSURE IN EXCESS OF 15PSI GAGE PRESSURE OF 30PSI ABSOLUTE PRESSURE. THE USE OF ACETYLENE IN LIQUID FORM IS PROHIBITED.	APR1986 CFRUS* 29(1910), 419, 1981
USA	REG	USE	OCC	RSTR PRO	REQUIREMENTS AND RESTRICTIONS CONCERNING STORAGE OF FUEL-GAS CYLINDERS CONTAINING THIS SUBSTANCE ARE SPECIFIED FOR INSTALLATIONS AND OPERATIONS OF OXYGEN-FUEL GAS SYSTEMS FOR WELDING AND CUTTING	APR1986 CFRUS* 29(1910), 533, 1981
USA	REG	STORE		RSTR RQR	IN INSTALLATIONS AND OPERATIONS OF OXYGEN-FUELED GAS SYSTEMS FOR WELDING AND CUTTING OXYGEN CYLINDERS SHALL NOT BE STORED NEAR HIGHLY COMBUSTIBLE MATERIAL, ESPECIALLY OIL AND GREASE, OR NEAR RESERVE STOCKS OF CARBIDE AND ACETYLENE OR OTHER FUEL GAS CYLINDERS OR NEAR ANY OTHER SUBSTANCE LIKELY TO CAUSE OR ACCELERATE FIRE	APR1986 CFRUS* 29(1910), 534, 1981
USA	REG	USE	OCC	RQR	REQUIREMENTS CONCERNING CONSTRUCTION, MARKING, LOCATION AND OPERATION OF ACETYLENE GENERATORS ARE SPECIFIED FOR INSTALLATIONS AND OPERATIONS OF OXYGEN-FUEL SYSTEMS FOR WELDING AND CUTTING	APR1986 CFRUS* 29(1910), 541, 1981
USA	REG	USE	OCC	RQR	EYE PROTECTION MEETING CERTAIN REQUIREMENTS MUST BE PROVIDED TO EMPLOYEES IN TELECOMMUNICATIONS WHEN THEY USE ACETYLENE IN WELDING OPERATIONS	APR1986 CFRUS* 29(1910), 614, 1981
USA	REG	WASTE		RSTR	SPECIAL PRECAUTIONS MUST BE TAKEN BY OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES WHEN MIXING THIS SUBSTANCE WITH CERTAIN OTHER HAZARDOUS WASTES. SUCH INCOMPATIBLE WASTES MUST NOT BE PLACED IN THE SAME CONTAINER, NOR STORED IN THE SAME AREA.	13JUL1981 MAY1986 CFRUS* 40(264), 405/445, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AR7175000 ACRIDINE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
USA	REG AIR OCC	PEL TWA : 0.2 MG/M3 (APPLIES TO SPECIFIED COAL TA R PITCH VOLATILES)		APR1986	CFRUS* 29(1910), 673, 1981

AST1050000 ACROLEIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK DEU	REG REG	AIR AIR	OCC EMI	MAC MXL	MCH1985 28FEB1986	HPMZZC* 58, -, 1985 GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	BGBL** I.S.140, 140, 1982
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR	MAY1982	BGBL** I.S.772, 777-779, 1980
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	APR1986	OJEC** L. 106, 18, 1982

TWA: 0.5MG/M3; CLV: 1.0MG/M3
THIS COMPOUND BELONGS TO CLASS I.
THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.
8H-TWA: 0.25MG/M3 (0.1PPM); 5MI-STEL: 0.50MG/M3 (0.2PPM) CEILING VALUE, 8X/SHIFT. LOCAL IR RITANT.
FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).
HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.
THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).
IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.
F - FLAMMABLE, T - TOXIC. (NOTE D). HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION (R 23) IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.)

EEC	REG	MANUF - USE	INDST	CLASS RQR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 T IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY PESTICIDE PREPARATIONS WHICH CONTAIN 2-PROPENAL ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	DATE	REF
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR		APR1986	OJEC** L144, 1, 1984
GBR	REC	AIR	OCC	RECL	8H-TWA: 0.25MG/M3 (0.1PPM). STEL(10MI-TWA): 0.8MG/M3 (0.3PPM) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	LABEL PACK		RQR		APR1986	GBRSI* 17, 1, 1983
GBR	REG	AIR	EMI	RQR	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ALDEHYDE WORKS IN WHICH FORMALDEHYDE, ACETALDEHYDE OR ACROLEIN OR THE METHYL, ETHYL OR PROPYL DERIVATIVES OF ACROLEIN ARE MADE. (APPLIES TO ACROLEIN AND ITS METHYL, ETHYL AND PROPYL DERIVATIVES).	5AUG1983	GBRSI* 943, -, 1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. SUBSIDIARY RISK: POISON. (APPLIES TO INHIBITED ACROLEIN)	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR	OCC	MAC	0.25-MG/M3 (0.1 PPM) VALUES ARE: TWA	JUL1986	SAICLB 27, 195-219, 1985
JPN	REC	CLASS LABEL SALE		CLASS RQR	SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	DEC1950	JPPDL* -, -,
SUN	REG	AIR	OCC	MAC	CLV : 0.2 MG/M3 (VAPOUR) 0.03 MG/M3 1X/D: 0.03 MG/M3, AV/D	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMB1	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	AUG1984	PDKAV* 3086-84, -, 1984
SWE	REG	CLASS	OCC	HLV	TWA: 0.2MG/M3(0.1PPM); STEL: 0.7MG/M3(0.3PPM)	23NOV1983	STNAF* 1983:6, 1, 1983
SWE	REG	AIR	OCC	HLV	'TWA' REFERS TO '1D-TWA' 'STEL' REFERS TO 'STEL(15MI-TWA)'	01JAN1985	AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POSITIONOUS SUBSTANCE).	SEP1982	UNTDG* -, 11, 1986
USA	REC	AIR	OCC	TLV	PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACROLEIN). TWA: 0.25MG/M3 (0.1PPM); STEL: 0.8MG/M3 (0.3PPM)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	USE LABEL		RSTR CLASS RQR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CO NTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERV ISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4AUG1975	CFRUS* 40(162.31), 55, 1981

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	EMI AQ WASTE	CLASS RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 200 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983). UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	EMI AQ	CLASS RSTR	ACROLEIN IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OIL STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUN1986 CFRUS* 40, 44, 1983
USA	REG	EMI AQ WASTE	CLASS MXL	ACROLEIN IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OIL STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUL1983 CFRUS* 40(403), 8, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
AS3325000		ACRYLAMIDE				
ARG	REG	AIR OCC	MPC	TWA : 0.3 MG/M3 (SKIN ABSORPTION), STEL : 0.6 22MAY1979 MAY1985 ADECT* 351,-,1979 MG/M3 (SKIN ABSORPTION)		
DEU	REC	AIR OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 10CT1980 JUN1986 BGBL** I.S.140, 140, 1982 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).		
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R.23/24/25). DANGER OF CUMULATIVE EFFECTS (R.33). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S.27). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S.44). LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. 28MCH1979 JAN1983 GBRSI* 1702,1,1978 EMERGENCY ACTION CODE : 2PE	JUN1982	EODCS 4,1,1978
GBR	REG	TRNSP LABEL	RQR	EMERGENCY ACTION CODE : 2PE	JAN1983	GBRSI* 1702,1,1978
GBR	REG	LABEL PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	APR1986	GBRSI* 17,1,1983
GBR	REC	AIR OCC	RECL	8H-TWA: 0.3MG/M3. STEL(10MI-TWA): 0.6MG/M3 SKIN ABSORPTION	OCT1985	GNHSE* EH40/85,1,1985
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	IMCOC* 4,10003,1977
JPN	REC	AIR OCC	MAC	0.3 MG/M3 (SKIN ABSORPTION)	JUL1986	SAIGLB 27,195-219,1985
JPN	REG	CLASS LABEL SALE	RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS VALUES ARE: TWA	JUL1983	JPPDL* -, -,
SUN	REG	AIR OCC	MAC	CLV: 0.2MG/M3 (VAPOUR)	MCH1979	PDKAD* 1972-79, -, 1979
SUN	REG	AQ SURF	MAC	0.01 MG/L	OCT1983	PDKVO* 2932-83, -, 1983
SWE	REG	AIR OCC	HLV	TWA : 0.3 MG/M3 (SKIN ABSORPTION) STEL : 0.9 MG/M3 'TWA' REFERS TO '1D-TWA'. 'STEL' REFERS TO 'STEL(15MIN-TWA)'. HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	01JAN1985	AFS*** 1984:5,10,1984
UN	REC	TRNSP LABEL PACK	CLASS	THE FOOD ADDITIVE(S) ACRYLATE-ACRYLAMIDE-RESINS AND MODIFIED POLYACRYLAMIDE RESIN: 0.05% (0.5G/KG)	SEP1982	UNTDG* -, 11, 1986
USA	REG	REG FOOD	MPC	TWA: 0.3MG/M3; STEL: 0.6MG/M3. (SKIN ABSORPTION)	JUN1983	CFRUS* 21,95,1981
USA	REC	AIR OCC	TLV	TWA: 0.3MG/M3; STEL: 0.6MG/M3. (SKIN ABSORPTION)	SEP1985	ACGIH* 1984-85,9,1984

USA	REG	FOOD USE	AGRIC	PRMT	MAY BE ADDED TO PESTICIDE USE DILUTIONS PRIOR TO APPLICATION TO GROWING CROPS IN AN AMOUNT NOT EXCEEDING THAT WHICH IS REASONABLY REQUIRED TO PRODUCE THE INTENDED EFFECT	JUN1983 CFRUS* 21,59,1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUN1983 CFRUS* 21(172),23,1981
USA	REG	FOOD		MPC	THE FOOD ADDITIVE POLYACRYLAMIDE WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 0.2% (2G/KG) OF THIS SUBSTANCE	JUN1983 CFRUS* 21(172),23,1981
USA	REG	MANUF		RQR	MANUFACTURERS AND PROCESSORS OF ACRYLAMIDE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	40OCT1982 FEREAC 47,38780,1982
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40 (261),368,1981
USA	REG	FOOD		MPC	POLYACRYLAMIDE, IF USED TO WASH OR TO ASSIST IN THE LYE PEELING OF FRUITS AND VEGETABLES, MUST CONTAIN NO MORE THAN 0.2% OF THIS SUBSTANCE	JUN1983 CFRUS* 21(173),108,1981
USA	REG	FOOD		MPC	ACRYLAMIDE-SODIUM ACRYLATE RESIN, WHEN USED AS A BOILER WATER ADDITIVE IN THE PREPARATION OF STEAM THAT WILL CONTACT FOOD, MUST CONTAIN NO MORE THAN 0.05% BY WEIGHT OF THIS SUBSTANCE	JUN1983 CFRUS* 21(173),106,1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
USA	REG	WASTE		RQR	WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH FLAME-IONIZATION DETECTOR)	APR1983 CFRUS* 40(261),376,1981
USA	REG	AIR OCC		PEL	TWA: 0.3 MG/M3, SKIN ABSORPTION	JUN1974 APR1983 CFRUS* 29(1910),673,1981
USA	REG	WASTE		CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261),362,378,1981

AS4375000 ACRYLIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK DEU	REC REC	AIR AIR	IMI OCC	MAC MAK	MAY1982 JAN1986	AHEM** SUPPL. 6, 1975 DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	LABEL		RQR	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	AQ STORE TRNSP		CLASS	APR1986	GMBL** 11(C3191A), 173, 1985

0.05MG/M3, AV/D; 0.05MG/M3, AV/0.5H
EXPERIENCE IN HUMANS AND EXPERIMENTS WITH ANI
MALS HAVE NOT PROVIDED SUFFICIENT INFORMATION
FOR ESTABLISHMENT OF A MAK VALUE.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18, 1982).
HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
AND PREGNANT OR NURSING WOMEN.
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THE SUBSTANCE BELONGS TO CLASS I
THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST
NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN
ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE
NT, THE MASS CONCENTRATION MUST NOT EXCEED
0.15G/M3.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18, 1982).
HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
AND PREGNANT OR NURSING WOMEN.
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND
ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI
NG COLOURS, DEGREASING AGENTS, ETC., SHOULD B
E CLASSIFIED AS CORROSIVE WHEN THE CONC. IS
>250G/KG (25.0%), AND AS HARMFUL WHEN THE CON
C. IS 20-250G/KG (2.0-25.0%)
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM
FUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES
ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS
1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS
3 = VERY HARMFUL).
IN ORDER TO PROTECT WATER, APPROPRIATE SECURI
TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN
G STORAGE, LOADING AND TRANSPORT.

APR1986 OJEC** L. 106, 18, 1982

C - CORROSIVE. FLAMMABLE (R 10). CAUSES BURNS (R 34). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). WEAR SUITABLE PROTECTIVE CLOTHING (S 36). WHEN THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ENTERING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.

APR1986 OJEC** L147, 11, 1983

PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ACRYLIC ACID AT CONC'S > 25.0% SHALL BE CONSIDERED AS CORROSIVE AND AT CONC'S OF 2.0 - 25.0% AS IRRITANT MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

APR1986 OJEC** L147, 11, 1983

PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ACRYLATES (EXCEPT THOSE THAT ARE SPECIFICALLY MENTIONED) AT CONC'S >= 10.0% SHALL BE CONSIDERED AS IRRITANT MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

JAN1983 GBRSI* 1702, 1, 1978

LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE E. EMERGENCY ACTION CODE: 2P (APPLIES TO INHIBITED ACRYLIC ACID)

APR1986 GBRSI* 17, 1, 1983

FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106/18, 1982)

APR1986 GBRSI* 943, -, 1983

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ACRYLATE WORKS IN WHICH ACRYLATES ARE A) MADE AND PURIFIED, OR B) MADE AND POLYMERISED, OR C) PURIFIED AND POLYMERISED, OR D) STORED AND HANDLED IN FIXED TANKS WITH AN AGGREGATE CAPACITY EXCEEDING 20 TONNES.

JUN1982 GOSTS* 12.1.005, -, 1976

SEP1985 OBUAV* 2947-83, -, 1983

SEP1985 PDKVO* 2932-83, -, 1983

SEP1985 ACGIH* 1984-85, 9, 1984

MAY1986 CFRUS* 40(261), 368, 1981

JAN1977

DEC1983

OCT1983

19NOV1980

RQR
RQR

LABEL
PACK

REG

EEC

CLASS
RQR
RQR
RSTR

CLASS
PACK
LABEL
SALE

REG

EEC

CLASS
RQR
RQR
RSTR

CLASS
PACK
LABEL
SALE

REG

EEC

CLASS
RQR

TRNSP
LABEL

REG

GBR

RQR
RQR
RQR

LABEL
PACK
AIR EMI

REG

GBR

EMI

REG

GBR

MAC
PSL
MAC

AIR
AIR
AQ
AIR

REG

SUN

AMB I

SURF

REG

SUN

OCC

WASTE

REG

USA

CLASS
RSTR
RQR

WASTE

REG

USA

CLV: 5.0MG/M3 (VAPOUR)
0.04MG/M3 1X/D
0.5MG/L
TWA: 30MG/M3 (10PPM).
THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.

AT0700000 ETHYL ACRYLATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG AIR	OCC	MPC	TWA : 100 MG/M3 (25 PPM) (SKIN ABSORPTION), S 22MAY1979 TEL : 100 MG/M3 (25 PPM) (SKIN ABSORPTION)	MAY1985	ADECT* 351, -, 1979
CSK	REC AIR	AMBI	MAC	0.05 MG/M3, AV/D	MAY1982	AHEM** SUPPL. 6, -, 1975
DEU	REG AIR	EMI	MXL	0.05 MG/M3, AV/0.5 H THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 8H-TWA: 100MG/M3 (25PPM); 30MI-STEL: 200MG/M3 (50PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=3.9KPA AT 20C) PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 250 G/KG (25.0 %). (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	GMBL** 7,93-143,1986
DEU	REC AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG LABEL		RQR		10OCT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG LABEL - PACK - USE	OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REC AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. (NOTE D). HIGHLY FLAMMABLE (R 11). HARMFUL BY INHALATION, AND IF SWALLOWED (R 20/22 ADD. P.953). IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). KEEP CONTAINER IN A WELL VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). (IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG LABEL PACK		RQR RQR		APR1986	OJEC** L. 106, 18, 1982

EEC	REG	CLASS PACK LABEL SALE	REG	TRNSP LABEL	CLASS	REG	CLASS RQR RSTR	CLASS PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ETHYL ACRYLATE AT CONC'S >=5.0% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3WE (APPLIES TO INHIBITED ETHYL ACRYLATE) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). 8H-TWA: 100MG/M3 (25PPM). SKIN ABSORPTION. (INTENDED CHANGES: 8H-TWA: 20MG/M3 (5PPM). STEL(10MI-TWA): 60MG/M3 (15PPM) SKIN ABSORPTION)	APR1986 OJEC** L147, 11, 1983
GBR	REG	TRNSP LABEL	REG	TRNSP LABEL	CLASS RQR	28MCH1979	GBRSI* 1702, 1, 1978	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	LABEL - PACK -	REG	LABEL - PACK -	CLASS RQR		GBRSI* 17, 1, 1983	APR1986	GBRSI* 17, 1, 1983
GBR	REC	AIR OCC	REC	AIR OCC	RECL		GNHSE* EH40/85, 1, 1985	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	AIR EMI	REG	AIR EMI	CLASS RQR	5AUG1983	GBRSI* 943, 1, 1983	APR1986	GBRSI* 943, 1, 1983
IMO	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	CLASS MARIN		IMCOC* 4, 10003, 1977	SEP1982	IMCOC* 4, 10003, 1977
SUN	REG	AQ SURF	REG	AQ SURF	MAC		PKVVO* 2932-83, -, 1983	SEP1985	PKVVO* 2932-83, -, 1983
SUN	REG	AIR AMBI	REG	AIR AMBI	PSL		OBVAV* 2947-83, -, 1983	SEP1985	OBVAV* 2947-83, -, 1983
SUN	REG	AIR OCC	REG	AIR OCC	MAC		PKKAD* 1948-79, -, 1978	AUG1985	PKKAD* 1948-79, -, 1978
SWE	REG	AIR OCC	REG	AIR OCC	HLV		AFS*** 1984: 5, 10, 1984	JAN1985	AFS*** 1984: 5, 10, 1984
UN	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	CLASS		UNTDG* -, 11, 1986	SEP1982	UNTDG* -, 11, 1986
USA	REC	AIR OCC	REC	AIR OCC	TLV		ACGIH* 1984-85, 9, 1984	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	AIR WASTE	REG	AIR WASTE	CLASS RSTR RQR	19NOV1980	CFRUS* 40 (261), 368, 1981	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG	AIR OCC	REG	AIR OCC	PEL	JUN1974	CFRUS* 29(1910), 673, 1981	APR1983	CFRUS* 29(1910), 673, 1981

AT5250000 ACRYLONITRILE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA: 45MG/M3 (20PPM) (SKIN ABSORPTION) STEL: 68MG/M3 (30PPM) (SKIN ABSORPTION) 35 MG/M3 (16 PPM) (FOR 48H/WK) (HAZARDOUS DEG REE : MAXIMUM)	22MAY1979	ADECT* 351, -, 1979
BRA	REG	AIR	OCC	AL	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HAN DLING OF THE SUBSTANCE MUST BE REPORTED BY TH E EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	AUG1982	SMTBR* 3, 140, 1980
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLAS TIC MATERIALS: 0.001MG/G. TWA: 0.5MG/M3, CLV: 2.5MG/M3 1Y-TWA: 13MG/M3 (6PPM)	1APR1985	HPMZC* 56, -, 1984
CSK	REG	FOOD GOODS		PRMT MXL	CARCINOGENIC WORKING MATERIAL - PROVEN IN ANI MAL EXPERIMENTS (CUTANEOUS ABSORPTION). NO MA K VALUE ESTABLISHED	JUL1978	HPMZC* 42, -, 1978
CSK	REG	AIR	OCC	MAC	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI NG COLOURS, DEGREASING AGENTS, ETC., SHOULD B E CLASSIFIED AS POISONOUS WHEN THE CONCENTRAT ION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN I T IS 2.0-10.0 G/KG (0.2-1.0%).	MCH1985	HPMZC* 58, -, 1985 JAN1986 DFSK** XXI, 66, 1985 JAN1986 DFSK** XXI, 16, 1985
DEU	REC	AIR	OCC	TRK	(BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	1OCT1980	BGBL** I.S.140,140,1982
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGE ROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1. 0%); GROUP III (DANGEROUS): <10.0-1.0 G/KG (1 .0-0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUT HORITIES MAY FORBID THE EMPLOYER THE USE OF T HE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXIS TS. CERTAIN SECURITY MEASURES ARE LISTED WHI CH THE EMPLOYER HAS TO FOLLOW.	1OCT1980	BGBL** I.S.140,140,1982
DEU	REG	USE	OCC	RSTR	MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TI ME PERIODS IS OBLIGATORY. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	OC		RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING-OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	1OCT1980	BGBL** I.S.140,140,1982
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR		1OCT1980	BGBL** I.S.140,140,1982

MAY1982 B6BL** IS. 772, 777-779, 1980

IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.

DEC1985 B6BL** IS 2335, 2335, 1980

PROHIBITION OF APPLICATION AS AN ACTIVE SUBSTANCE IN PESTICIDES
THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

APR1986 GMBL** 11(G3191A), 173, 1985

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.
MAXIMUM EMISSION VALUES ARE SET FOR THIS SUBSTANCE IN CERTAIN TYPES OF INDUSTRIAL PLANTS.

JUN1986 GMBL** 7, 93-143, 1986

THIS COMPOUND IS INCLUDED IN THE CLASS III CARCINOGENS. (CLASSES I, II AND III EXIST) IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE

JUN1986 GMBL** 7, 93-143, 1986

F - HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27). DO NOT EMPTY INTO DRAINS (S 29). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHEN POSSIBLE) (S 44). (IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.)

APR1986 OJEC** L. 106, 18, 1982

LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=200 T IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY

DEC1982 OJEC** L230, 1, 1982

LISTED AS A DANGEROUS SUBSTANCE WHEN STORED AT QUANTITIES >350T (>5000T FOR NOTIFICATION) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF SUCH A STORAGE IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY

DEC1982 OJEC** L230, 1, 1982

MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

APR1986 OJEC** L147, 11, 1983

PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ACRYLONITRILE AT CONCS > 1.0% SHALL BE CONSIDERED AS TOXIC AND AT CONCS OF 0.2-1.0% AS HARMFUL

DEU REG AIR AQ SOIL SED RQR IMI RQR RQR RQR

DEU REG USE AGRIC PRO CLASS RQR

DEU REG AIR EMI RQR RSTR MXL

DEU REG AIR EMI MXL

EEC REG LABEL PACK RQR RQR

EEC REG MANUF USE INDST RQR CLASS RQR

EEC REG STORE CLASS RQR

EEC REG CLASS LABEL SALE RQR RQR RSTR

EEC	REG	OCC	RSTR	QQR	REG	TRNSP LABEL	CLASS RQR	DESCRIPTION	REG	DATE	AGENCY	REG	DATE	AGENCY	
								IN CASE OF EXPOSURE TO THE SUBSTANCE MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL) LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE.							
GBR	REG	TRNSP LABEL	CLASS RQR		REG			LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE (APPLIES TO INHIBITED ACRYLONITRILE)	28MCH1979	JAN1983	GBRSI*	1702,1,1978			
GBR	REG	LABEL -	RQR		REG			FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI*	17,1,1983				
GBR	REG	PACK -	RQR		REG			8H-TWA: 2PPM (4MG/M3). SKIN ABSORPTION. IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 20 OR MORE TONS OF ACRYLONITRILE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY.	1JAN1983	GNHSE*	EH40/85,1,1985				
GBR	REG	AIR OCC	CNTRL		REG				APR1986	GBRSI*	1357,1,1982				
GBR	REG	USE	INDST												
IMO	REC	TRNSP LABEL PACK	MARIN CLASS		REC			HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. SUBSIDIARY RISK: POISON. (APPLIES TO INHIBITED ACRYLONITRILE)	SEP1982	IMCOC*	4,10003,1977				
IND	REG	IMPRT MANUF SALE LABEL STORE	RQR		REG			ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	01AUG1971	MAY1984	INDIA*	-,-,1968			
JPN	REG	CLASS LABEL SALE	RQR		REG				DEC1950	JUL1983	JPPDL*	-,-,			
JPN	REC	AIR OCC	RSTR MAC		REC			45 MG/M3 (20PPM) VALUES ARE: TWA	JUL1986	SAIGLB	27,195-219,1985				
SUN	REG	AQ	SURF		REG			2.0 MG/L	SEP1985	PKVO*	2932-83,-,1983				
SUN	REG	AIR OCC	MAC		REG			CLV: 0.5 MG/M3 (VAPOUR)	JAN1977	GOSTS*	12.1.005,-,1976				
SUN	REG	AIR AMBI	MAC		REG			0.03 MG/M3, AV/D	AUG1984	PKAV*	3086-84,-,1984				
SWE	REG	CLASS	CLASS		REG			GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	STNAF*	1983:6,1,1983				
SWE	REG	AIR OCC	HLV		REG			TWA: 4 MG/M3 (2 PPM) STEL: 13 MG/M3 (6 PPM) (SKIN ABSORPTION, CARCINOGENIC)	01JAN1985	AFS***	1984:5,10,1984				
								'TWA' REFERS TO '1D-TWA'							
								'STEL' REFERS TO 'STEL(15MIN-TWA)'							
SWE	REG	CLASS LABEL	CLASS RQR		REG			INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACRYLONITRILE).	28FEB1986	JUN1986	STNAF*	1985:7(PK29),1,1985			
UN	REC	TRNSP LABEL PACK	CLASS		REC				SEP1982	UNTOC*	-,-,11,1986				

03DEC1983 APR1986 OJEC** L327,8,1980

28MCH1979 JAN1983 GBRSI* 1702,1,1978

APR1986 GBRSI* 17,1,1983

OCT1985 GNHSE* EH40/85,1,1985

APR1986 GBRSI* 1357,1,1982

1JAN1983

SEP1982 IMCOC* 4,10003,1977

01AUG1971 MAY1984 INDIA* -,-,1968

DEC1950 JUL1983 JPPDL* -,-,

JUL1986 SAIGLB 27,195-219,1985

OCT1983 SEP1985 PDKVO* 2932-83,-,1983

JAN1977 JUN1982 GOSTS* 12.1.005,-,1976

AUG1984 SEP1985 PDKAV* 3086-84,-,1984

23NOV1983 OCT1984 STNAF* 1983:6,1,1983

01JAN1985 JAN1985 AFS*** 1984:5,10,1984

28FEB1986 JUN1986 STNAF* 1985:7(PK29),1,1985

SEP1982 UNTOC* -,-,11,1986

USA	REC	AIR	OCC	TLV	USE LABEL	REG	WASTE	CLASS RSTR RQR	DESCRIPTION	DATE	CFRUS*
									TWA: 4.5MG/M3 (2PPM). INDUSTRIAL SUBSTANCE SUBJECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA (SKIN ABSORPTION)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	USE LABEL		RSTR CLASS RQR		4AUG1975			CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4AUG1975	APR1983 CFRUS* 40(162.31), 55, 1981
USA	REG	WASTE		CLASS RSTR RQR		19NOV1980			IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		RQR		22JUL1981			AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE		CLASS RSTR RQR		19NOV1980			ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI WASTE	RQR		18JUL1980			PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 200 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983).	18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI WASTE MXL	CLASS		JUL1983			ACRYLONITRILE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258	JUL1983	CFRUS* 40(403), 8, 1981

1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260
 , 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382
 , 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290
 , 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598
 , 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176
 , 1983)
 (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848
 , 1982; 47, 52226, 1982; 48, 15382, 1983)
 TWA: 2PPM (4.3 MG/M3); CLV: 10PPM (22 MG/M3)
 (NOT MORE THAN 15 MIN.). NO SKIN- OR EYE-EXPOS
 URE TO LIQUID ACRYLONITRILE SHOULD OCCUR
 NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERT
 AIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMO
 SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUC
 E EXPLOSIVE/IGNITABLE MIXTURES OF THE SUBSTAN
 CE ARE PRESENT
 A REGULATED AREA MUST BE ESTABLISHED BY THE E
 MPLOYER FOR ALL OCCUPATIONAL EXPOSURE(EXCEPT
 FROM USING AND PROCESSING CERTAIN SPECIFIED M
 ATERIALS) IF CONCENTRATIONS OF ACRYLONITRILE
 EXCEED 2PPM (4.3 MG/M3) (TWA) OR 10PPM (22 MG
 /M3) (CLV FOR NOT MORE THAN 15 MIN.). REQUIRE
 MENTS FOR MONITORING, EMPLOYEE TRAINING, RESP
 IRATORY PROTECTION, PROTECTIVE CLOTHING, WARN
 ING SIGNS REFERRING TO ACRYLONITRILE AS A CAN
 CER HAZARD, MEDICAL SURVEILLANCE OF EMPLOYEES
 , LABELLING OF CONTAINERS, DECONTAMINATION AN
 D EMERGENCY PROCEDURES, RECORDKEEPING AND REP
 ORTING
 ACRYLONITRILE, WHEN CARRIED IN BULK, IS CLASS
 IFIED AS A "CARGO OF PARTICULAR HAZARD" FOR P
 URPOSES OF REGULATIONS GOVERNING HANDLING OF
 DANGEROUS CARGOES IN OR CONTIGUOUS TO WATERFR
 ONT FACILITIES. A PERMIT IS REQUIRED FOR HAND
 LING SUCH CARGO.
 THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
 S, AND SOLUTIONS AND MIXTURES CONTAINING THE
 SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST
 ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI
 LLING, LEAKING, ETC.) UNDER THE WATER POLLUT
 ION CONTROL ACT.
 UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT
 OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR
 ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US
 GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC
 E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL
 INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA
 L TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERI
 OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
 DERAL WATER POLLUTION CONTROL ACT.
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED
 , WHEN DETERMINING WHETHER THIS SUBSTANCE IS
 CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC
 /MS OR GC WITH NITROGEN-SPECIFIC DETECTOR)
 CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CON
 TAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZA
 ROUS WASTES SUBJECT TO HANDLING, TRANSPORT,
 TREATMENT, STORAGE AND DISPOSAL REGULATIONS,
 PERMIT AND NOTIFICATION REQUIREMENTS. (AMEN
 DED : FEREAC 46, 35246, 1981; 46, 40154, 1981; 46
 , 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46
 , 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48
 , 2532, 1983 (INTERIM) ; 48, 11157, 1983 (EN
 FORCEMENT GUIDANCE)

JUN1983 CFRUS* 29(1910), 74 INDEX, 1981
 JUN1983 CFRUS* 29(1910), 419, 1981
 JUN1983 CFRUS* 29(1910), 852, 1981
 JUL1983 CFRUS* 33(126), 613, 1981
 MAY1983 CFRUS* 40(116), 33, 1981
 MAY1983 CFRUS* 40(117), 44, 1981
 APR1983 CFRUS* 40(261), 376, 1981
 APR1983 CFRUS* 40(261), 362, 378, 1981

USA REG AIR OCC PEL
 USA REG USE OCC RSTR
 USA REG OCC AIR LABEL - OCC RQR
 USA REG TRNSP RSTR
 USA REG AQ EMI CLASS
 USA REG AQ EMI RQR
 USA REG WASTE RQR
 USA REG WASTE CLASS RSTR RQR

AUB840000 ADIPIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	FOOD GOODS	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 5MG/G.	JUL1978	AUG1984	HPMZC* 42,-, 1978
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENTS.		SEP1982	GSKEN* 40, 404, 1978
KEN	REG	FOOD	PRMT	FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40, 374, 1978
SUN	REG	AIR	OCC	FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.	APR1981	AUG1985	PKAD* 2380-81,-, 1981
SUN	REG	AQ	SURF	CLV : 4.0 MG/M3 (AEROSOL)	OCT1983	SEP1985	PKVO* 2932-83,-, 1983
USA	REG	FOOD USE	PRMT	2.0 MG/L POLYMER MODIFIERS FORMULATED FROM ADIPIC ACID (1,3-BENZENEDIMETHANAMINE AND ALPHA-(3-AMINO PROPYL)-OMEGA-(3-AMINOPROPOXY)POLYOXYETHYLENE MAY BE USED IN NYLON 6 FILM INTENDED FOR USE IN CONTACT WITH FOOD (AMENDMENT OF CFR 21(177)).	OCT1983	OCT1985	FEREAC 48, 30361, 1983
USA	REG	AQ	EMI	CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	RQR RSTR UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(117), 44, 1981
USA	REG	AIR	EMI	CLASS INDUSTRIES WHICH MAKE OR PROCESS THIS SUBSTANCE ARE CLASSIFIED AS MAJOR AIR POLLUTANT SOURCES FOR PURPOSES OF DATA COLLECTION AND REPORTING.		MAY1986	CFRUS* 40(51), 659, 1981
USA	REG	FOOD USE	PRMT MXL	MAY BE USED TO MODIFY THE FOOD ADDITIVE 'MODIFIED FOOD STARCH' IN AN AMOUNT NOT TO EXCEED THAT WHICH IS REASONABLY REQUIRED TO ACCOMPLISH THE INTENDED EFFECT (ACETYL GROUPS NOT TO EXCEED 2.5% IN THE STARCH). (ADIPIC ACID NOT TO EXCEED 0.12% AND ACETIC ANHYDRIDE)		MAY1986	CFRUS* 21, 92, 1981

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AW5950000			AFLATOXIN					
CSK	REG	USE LABEL PACK	OCC	RQR RSTR	CLASS RQR RSTR	1APR1985	AUG1985	HPMZC* 56, -, 1984
IND	REG	FOOD	SEL	MPC	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORAGE AND TRANSPORT OF IT ARE LISTED. GROUNDNUT KERNEL (SHELLED): 30UG/KG (AS TOTAL AFLATOXINS)	15JAN1977	DEC1982	PFAIN* -, 154, 1981
SWE	REG	FOOD	FOOD	MPC	ALL FOOD: 0.005MG/KG AS THE SUM OF AFLATOXINS B1, B2, G1 AND G2.	1JUL1980	OCT1982	STLIF* 1980:3, 1, 1980
SWE	REG	CLASS LABEL	CLASS LABEL	RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL "T". AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEB 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS)	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	WASTE	RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL AFLATOXINS)	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	WASTE	RQR	MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEAL AND OTHER RAW MATERIALS (USED IN THE PRODUCTION, HANDLING, ETC. OF CACAO PRODUCTS AND CONFECTIONERY) WHICH ARE SUSCEPTIBLE TO CONTAMINATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING REQUIREMENTS ARE SPECIFIED	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	FOOD	FOOD	RQR			JUL1983	CFRUS* 21(118), 120, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BA3675000		THIOPHANATE-METHYL					
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.1-5MG/KG; SECURITY INTERVAL: 14 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	AUG1985	SBTAP* -, 1, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (GENERAL): 0.1MG/KG; PLANT (SPECIFIED): 0.2-7.0MG/KG, (WITH BENOMYL AND CARBENDAZIM, CALCULATED AS CARBENDAZIM). (PFLANZENSCHUTZMITTEL-HOECHSTMEGENVERORDNUNG - BGBl I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). RASPBERRIES: 5MG/KG 0.08MG/KG BW MRLS NOW APPLY TO THIOPHANATE-METHYL ALONE, EXPRESSED AS CARBENDAZIM (THEY PREVIOUSLY APPLIED TO THE SUM OF THIOPHANATE-METHYL AND CARBENDAZIM)	29APR1984	JUN1986	BGBL** I. S. 635, 635-643, 1984
FAO/WHO REC	REG	FOOD	MRL	CELERY: 20MG/KG; CHERRIES, CITRUS FRUIT, GRAPES, PEACHES: 10MG/KG; APPLES, BLACKCURRANTS, GOOSEBERRIES, PEARS, STRAWBERRIES, CARROTS, LETTUCE, SUGARBEET (TOPS), TOMATOES: 5MG/KG; BEANS (BROAD, DWARF, FRENCH, RUNNER, KIDNEY), GHERKINS, PLUMS: 2MG/KG; BANANAS (WHOLE), MUSHROOMS: 1MG/KG; CUCUMBERS: 0.5MG/KG; ONIONS, RAW CEREALS, SUGARBEETS: 0.1MG/KG; MEAT AND FAT OF CHICKENS: 0.02MG/KG.	MCH1982	FPPDD	20, 78, 1980
FAO/WHO REC	REG	FOOD	ADI		MCH1982	FPPDD	15, 40, 1979
FAO/WHO REC	REG	FOOD	MRL		MCH1982	FPPDD	15, 40, 1979
FAO/WHO REC	REG	FOOD	MRL		MCH1982	FPPDD	11, 37, 1978
GBR	REG	USE	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983	APFG**	-, 89, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	JUN1986	JPAGR*	-, -, 1983
SUN	REG	AIR	PSL	1.5MG/M3 (AEROSOL)	JAN1978	AUG1985	OBUVR* 1820-78, -, 1978
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	FOOD	PRO MRL	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS . LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5-1.0 MG/KG; ADI = 0.08MG/KG	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SWE	REG	SALE USE LABEL STORE CLASS	PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBK*	-, 58, 1986

JUL 1983 CFRUS* 21(561), 523, 1981

APR 1983 CFRUS* 40(180), 152, 1981

SPECIFIED ANIMAL FEED PRODUCTS: 40.0MG/KG (INCL. THIOPHANATE-METHYL, ITS OXYGEN ANALOGUE ALLOPHANATE, AND ITS BENZIMIDAZOLE-CONTAINING METABOLITES)
RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.05-50MG/KG (INCL. THIOPHANATE-METHYL, ITS OXYGEN ANALOGUE AND ITS BENZIMIDAZOLE-CONTAINING METABOLITES, CALCULATED AS THIOPHANATE-METHYL). (AMENDED: FERECAC 47,50873, 1982; 49,49626, 1984).

ARL

REG FEED

USA

AGRIC ARL

FOOD FEED

USA

BA5075000 ALLYL ALCOHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 5 MG/M3 (2 PPM) (SKIN ABSORPTION), STEL 22MAY1979	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	: 10 MG/M3 (4 PPM) (SKIN ABSORPTION)	MCH1985	HPMZC* 58, -, 1985
CSK	REG	AIR	OCC	CLASS	TWA: 3.0MG/M3; CLV: 6.0MG/M3	JUL1967	MAY1982 SZCSR* 22, 217, -, 1967
CSK	REG	USE	AGRIC	PRMT	POISONOUS SUBSTANCE	AUG1981	MAY1982 SPPOR* -, -, 1981
DEU	REC	AIR	OCC	MAK	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	MAK	8H-TWA: 5MG/M3 (2PPM); 30MIN-STEL: 10MG/M3 (4 PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=2.4KPA AT 20C)	JUN1986	BGBL** I. S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	MANUF - USE	CLASS INDST RQR	CLASS RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	DEC1982	OJEC** L230, 1, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	CLASS RQR RQR RSTR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 T IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE IR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	JAN1983	OJEC** L213, 17, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN 2-PROPEN-1-OL ARE CLASSIFIED INTO CLASS IB, I-E, WHEN SOLID; AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS; AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984

GBR	REG	TRNSP LABEL	CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2PE FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	28MCH1979	JAN1983	GBRSI*	1702,1,1978
GBR	REG	RQR LABEL	RQR		APR1986	GBRSI*	17,1,1983	
GBR	REC	AIR OCC	RECL	8H-TWA: 5MG/M3 (2PPM). STEL(10MI-TWA): 10MG/M3 (4PPM). SKIN ABSORPTION.	OCT1985	GNHSE*	EH40/85,1,1985	
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. SUBSIDIARY RISK: POISON.	SEP1982	IMCOC*	4,10003,1977	
JPN	REC	AIR OCC	MAC	VALUES ARE: TWA 0.1 MG/L	JUL1986	SAIGLB	27,195-219,1985	
SUN	REG	AQ SURF	MAC	0.02 MG/M3 1X/D	OCT1983	PDKVO*	2932-83,-,1983	
SUN	REG	AIR AMBI	PSL	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	DEC1983	OBUAV*	2947-83,-,1983	
SWE	REG	CLASS	CLASS	TWA : 5 MG/M3 (2 PPM) STEL : 14 MG/M3 (6 PPM) (SKIN ABSORPTION)	23NOV1983	STNAF*	1983:6,1,1983	
SWE	REG	AIR OCC	HLV	'TWA' REFERS TO 'TD-TWA'. 'STEL' REFERS TO 'STEL(15MIN-TWA)'. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).	01JAN1985	AFS***	1984:5,10,1984	
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).	SEP1982	UNTDG*	-,11,1986	
USA	REC	AIR OCC	TLV	PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. TWA: 5MG/M3 (2PPM); STEL: 10MG/M3 (4PPM) (SKIN ABSORPTION)	SEP1985	ACGIH*	1984-85,9,1984	
USA	REG	USE LABEL	RSTR CLASS	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4AUG1975	APR1983	CFRUS* 40(162.31),55,1981	
USA	REG	WASTE	RSTR CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	19NOV1980	JUL1983	CFRUS* 40(261),367,1981	
USA	REG	WASTE	RSTR CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	19NOV1980	JUL1983	CFRUS* 40(261),358,1981	
USA	REG	WASTE	RQR CLASS	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46,38318,1981; 47,27531,1982 (INTERIM))	22JUL1981	JUL1983	CFRUS* 40(264),455,1981	
USA	REG	AQ EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS*	40(116),33,1981	

MAY1983 CFRUS* 40(117), 44, 1981

USA REG AQ EMI RQR RSTR

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
 TWA: 5 MG/M3 (2PPM), SKIN ABSORPTION PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

APR1983 CFRUS* 29(1910), 673, 1981
 MAY1983 CFRUS* 40(122), 121, 1981

JUN1974

USA REG AIR OCC PEL
 USA REG AQ EMI RQR WASTE

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
B00330000	ALUMINIUM						
AMEA	REC	FOOD	MPG	LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCTS: S: MILK PRODUCTS: 1.0MG/KG; MEAT PRODUCTS: 10.0MG/KG; FISH PRODUCTS: 30.0MG/KG; CEREALS: 100.0-200.0MG/KG; VEGETABLES: 30.0MG/KG (DRY); 200.0MG/KG; FRUITS: 20.0MG/KG (DRY); 200.0MG/ KG); OTHER FOOD PRODUCTS: 100.0MG/KG (CANNED); 200.0MG/KG); BEVERAGES: 5.0-10.0MG/KG (APPLE S TO ALUMINIUM AND ITS COMPOUNDS, CALCULATED AS ALUMINIUM). 0.1MG/M3, AV/D; 0.3MG/M3, AV/0.5H MAXIMUM LIMITS IN COSMETICS: 10-50MG/G (APPLI ES TO ALUMINIUM SALTS) 0.3MG/L LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCT I ON, PACKING, TRANSPORT AND STORAGE OF FOOD PR ODUCTS: 100MG/KG (FOOD, GENERAL); 500MG/KG (SPECIFIED FOOD PRODUCTS); 5MG/L (BEVERAGES, GENERAL). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). ALUMINIUM IN URINE: 170UG/L WINE: 8MG/L F - FLAMMABLE. CONTACT WITH WATER LIBERATES H IGHLY FLAMMABLE GASES (R 15). SPONTANEOUSLY FLAMMABLE IN AIR (R 17). KEEP CONTAINER TIGHT LY CLOSED AND DRY (S 7/8). IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIG HTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - NEVER USE WATER) (S 43). APPLIES TO ALU MINIUM POWDER (PYROPHORIC). S HIGHLY FLAMMABLE GASES (R 15). KEEP CONTAIN ER TIGHTLY CLOSED AND DRY (S 7/8). IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FI RE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - NEVER USE WATER) (S43). APPLIES TO ALUMINIUM POWDER (STABILISED). F - FLAMMABLE. C - CORROSIVE. REACTS VIOLENTL Y WITH WATER (R 14). SPONTANEOUSLY FLAMMABLE IN AIR (R 17). CAUSES BURNS (R 34). KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING (S 16). IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INC REASES THE RISK, ADD - NEVER USE WATER) (S 43) . APPLIES TO ALL ALUMINIUM ALKYLs.	1983	1983	PDVMP** -, -, 1983
CSK	REG	AIR	IMI	MAC			MAY1982 AHEM** SUPPL. 6, -, 1975
CSK	REG	GOODS	RSTR	RSTR	JAN1971		MAY1982 HPMZC** 32, -, 1970
CSK	REG	AQ	DRINK	MXL			
CSK	REG	HUMAN FOOD	MPG	MAC	JAN1975		MAY1982 CSNOR** 830611, -, 1974
					OCT1978		MAY1982 HPMZC** 43, -, 1978
DEU	REG	LABEL - PACK - USE OCC	RQR	RQR	10CTT1980		JUN1986 BGBL** I.S.140,140,1982
DEU	REG	AIR	OCC	BAT			
DEU	REG	FOOD	DRINK	MPG			JAN1986 DFK** XXI, 80, 1985
EEC	REG	LABEL PACK	RQR	RQR	04AUG1983		APR1985 BGBL** I.S.1078,1078,1983
							APR1986 OJEC** L.106,18,1982
EEC	REG	LABEL PACK	RQR	RQR			APR1986 OJEC** L.106,18,1982

EEC	REG	AQ	DRINK	MAC	GL	30AUG1982	OJEC**	L229, 11, 1980
EEC	REG	GOODS	PRMT	MAC	GL	30AUG1982	OJEC**	L229, 11, 1980
EEC	REG	GOODS	MXL	PRMT	GL	JUN1986	OJEC**	L149, 38, 1986
EEC	REG	FOOD	PRMT	PRMT	GL	FEB1986	OJEC**	L43, 11, 1981
EEC	REG	FEED	PRMT	PRMT	GL	FEB1986	OJEC**	L39, 55, 1986
GBR	REC	AIR	OCC	RECL	GL	OCT1985	GNHSE*	EH40/85, 1, 1985
GBR	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	GL	1SEP1978	GBRSI*	17, 1, 1983
GBR	REG	AIR	EMI	RQR	GL	5AUG1983	GBRSI*	943, -, 1983
GBR	REG	AIR	EMI	RQR	GL	5AUG1983	GBRSI*	943, 1, 1983

MAC: 0.2MG AL/L. GL: 0.05MG AL/L (ATOMIC ABSORPTION-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN
 COLOURING AGENT ALLOWED IN ALL COSMETIC PRODUCTS. MEMBER STATES SHALL PROHIBIT THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE COLOURING AGENT BEYOND THE LIMITS AND OUTSIDE THE CONDITIONS LAID DOWN. (COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE MAY BE ADDED AS A COLOURING MATTER TO THE SURFACE OF FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.

(DIRECTIVE OF 23 OCT 1962 - OJEC 115, 2645/62 - AS LAST AMENDED BY THE REFERENCE GIVEN) SINCE THE SUBSTANCE IS AUTHORIZED FOR USE AS A COLOURING MATTER IN FOODSTUFFS IT MAY ALSO BE ADDED AS SUCH TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN IN THE DIRECTIVE 70/524/EEC (AS AMENDED BY OJEC L319, 13, 1984) AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE (OJEC L245, 1, 1985 AS LAST AMENDED BY THE REFERENCE GIVEN).

LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319, 13, 1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.

8H-TWA: 10MG/M3. STEL(10MI-TWA): 20MG/M3 (APPLIES TO ALUMINIUM METAL AND OXIDE).
 8H-TWA: 2MG/M3 (APPLIES TO ALUMINIUM ALKYL COMPOUNDS AND TO SOLUBLE ALUMINIUM SALTS).
 FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ALUMINIUM WORKS IN WHICH A) OXIDE OF ALUMINIUM IS EXTRACTED FROM ANY ORE; OR

B) ALUMINIUM IS EXTRACTED FROM ANY COMPOUND CONTAINING ALUMINIUM BY A PROCESS EVOLVING ANY NOXIOUS OR OFFENSIVE GASES; OR

C) ALUMINIUM SWarf IS DECREASED BY THE APPLICATION OF HEAT; OR

D) ALUMINIUM OR ALUMINIUM ALLOYS ARE RECOVERED FROM ALUMINIUM OR ALUMINIUM ALLOY SCRAP FABRICATED METAL, SWarf, SKIMMINGS, OR OTHER RESIDUES BY MELTING UNDER FLUX COVER; OR

E) ALUMINIUM IS RECOVERED FROM SLAG OR DROSSES; OR

F) MOLTEN ALUMINIUM OR ALUMINIUM ALLOYS ARE TREATED BY CHLORINE OR ITS COMPOUNDS; OR

G) MATERIALS USED IN THE ABOVE PROCESSES OR THE PRODUCTS THEREOF ARE TREATED OR HANDLED BY METHODS WHICH CAUSE NOXIOUS OR OFFENSIVE GASES TO BE EVOLVED.
 IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES OR DUST CONTAINING ALUMINIUM AND FOR

RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO ALUMINIUM AND ITS COMPOUNDS). A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THE RELEVANT AUTHORITIES GIVING THE CONCENTRATION OF ALUMINIUM EXPRESSED AS AL MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.

21FEB1985 AUG1986 GBR SI* 1985:71,20,1985

28MCH1985 JUL1986 SAIGLB 27,200,1985

SEP1982 GSKEN* 40,334,1978

JUN1982 GOSTS* 12.1.005,-,1976

SEP1985 GOSTS* 2874-82,-,1982

SEP1985 PDKVO* 2932-83,-,1983

OCT1985 VGNEP* 2450-81,-,1982

1JAN1985 OCT1983

OCT1981

1JAN1981 OCT1982 STLIF* 1980:13,4,1980

1JAN1985 JAN1985 AFS*** 1984:5,10,1984

SEP1985 ACGIH* 1984-85,9,1984

APR1986 CFRUS* 29(1910),281,1981

APR1986 CFRUS* 29(1910),419,1981

APR1986 CFRUS* 29(1910),473,1981

APR1986 CFRUS* 29(1910),644,1981

APR1986 CFRUS* 29(1910),646,1981

GBR REG AQ DRINK RQR

JPN REC AIR OCC MAC

KEN REG FOOD PRMT

SUN REG AIR OCC MAC

SUN REG AQ DRINK MAC

SUN REG AQ SURF MAC

SUN REG FOOD MPC

SWE REG FOOD LABEL PRMT RQR

SWE REG AIR OCC HLY

USA REC AIR OCC TLV

USA REG USE OCC RSTR

USA REG USE OCC RSTR

USA REG USE OCC RSTR

USA REG MANUF RQR

USA REG OCC RQR

0.5MG/L (APPLIES TO ALUMINIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS ALUMINIUM) LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH MILK PRODUCTS: 1.0MG/KG; CEREALS: 10.0MG/KG; VEGETABLES: 30.0MG/KG; MEAT PRODUCTS: 20.0MG/KG; BEVERAGES: 10.0MG/KG (APPLIES TO ALUMINIUM AND ITS COMPOUNDS, CALCULATED AS ALUMINIUM) COLOURING AGENT PERMITTED IN FOOD. PACKED FOOD CONTAINING THE COLOURING AGENT MUST BE LABELED "COLOURING AGENT" FOLLOWED BY THE NUMBER E173
 10-TWA: 2MG/M3 OF SOLUBLE AL COMPOUNDS; 10MG/M3 OF TOTAL DUST OF METALLIC ALUMINIUM AND ALUMINIUM OXIDE. AND 4MG/M3 OF RESPIRABLE DUST OF METALLIC ALUMINIUM AND ALUMINIUM OXIDE.
 TWA: 10MG/M3; STEL: 20MG/M3 (AS ALUMINIUM METAL WITH ALUMINIUM OXIDE) (STEL VALUE INTENDED TO BE DELETED). TWA: 5MG/M3 (AS ALUMINIUM PYRO POWDERS). TWA: 5MG/M3 (AS ALUMINIUM WELDING FUMES). TWA: 2MG/M3 (AS ALUMINIUM, SOLUBLE SALTS). TWA: 2MG/M3 (AS ALUMINIUM, ALKYL).
 THE SUBSTANCE, WHEN USED IN BLASTING AGENT COMPOSITIONS OR IN WATER GELS MUST MEET STATED SPECIFICATIONS AND BE HANDLED AS SPECIFIED IN NO. POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE A HAZARDOUS CONCENTRATION OF THE METAL DUST OF THE SUBSTANCE IS PRESENT
 WEB SLINGS OF THIS SUBSTANCE MUST NOT BE USED TO LIFT MATERIALS BY HELICOPTER IF FUMES, VAPOURS, SPRAYS, MISTS OR LIQUIDS OF CAUSTICS ARE PRESENT (APPLIES TO WEB SLINGS WITH ALUMINIUM FITTINGS).
 REQUIREMENTS CONCERNING ELECTROLYTIC CELLS USED IN THE PRODUCTION OF THIS SUBSTANCE ARE SPECIFIED
 REQUIREMENTS CONCERNING ELECTRICAL EQUIPMENT AND WIRING IN HAZARDOUS LOCATIONS, INCLUDING LOCATIONS WHERE ALUMINIUM DUST MAY BE IN SUSPENSION IN THE AIR UNDER NORMAL OPERATING CONDITIONS. (THIS SUBSTANCE IS PARTICULARLY HAZARDOUS).

USA	REG	GOODS LABEL	RQR	REQUIREMENTS CONCERNING ADVERTISING AND LABELING ARE SPECIFIED FOR HOME INSULATION MADE OF THIS SUBSTANCE. TESTS FOR LABELLED R-VALUES FOR SUCH INSULATION ARE ALSO SPECIFIED. SPECIAL PRECAUTIONS MUST BE TAKEN BY OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES WHEN MIXING THIS SUBSTANCE WITH CERTAIN OTHER HAZARDOUS WASTES. SUCH INCOMPATIBLE WASTES MUST NOT BE PLACED IN THE SAME CONTAINER, NOR STORED IN THE SAME AREA.	APR1986 CFRUS* 16, 291, 1982
USA	REG	WASTE	RSTR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THAT THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L B) .5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO TOTAL ALUMINIUM) WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (ATOMIC ADSORPTION OR COLORIMETRY PRECEDED BY DIGESTION FOR TOTAL AL AND BY 0.45 MICRON FILTRATION FOR DISSOLVED AL.)	13JUL1981 MAY1986 CFRUS* 40, 405/445, 1981
USA	REG	EMI WASTE	RQR	AL.) SPECIFIED DRUG COLOURING AGENTS: 5G/KG (0.5%) SPECIFIED COSMETIC COLOURING AGENTS: 5G/KG (0.5%)	MAY1986 CFRUS* 40(122.53), 121, 1981
USA	REG	FOOD GOODS	MPC	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD.	MAY1986 CFRUS* 21, 240-265, 1981
USA	REG	FOOD	PRMT		MAY1986 CFRUS* 21, 114, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

B00525000 ALUMINIUM CHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). C - CORROSIVE. CAUSES BURNS (R 34). KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). APPLIES TO ANHYDROUS ALUMINIUM CHLORIDE.	10OCT1980	JUN1986	BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR	C - CORROSIVE. CAUSES BURNS (R 34). KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). APPLIES TO ANHYDROUS ALUMINIUM CHLORIDE.	APR1986	OJEC**	L.106, 18, 1982
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)	1SEP1978	APR1986	GBRSI* 17,1,1983
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE. (APPLIES TO ANHYDROUS ALUMINIUM CHLORIDE).	23NOV1983	OCT1984	STNAF* 1983:6,1,1983

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

BD0940000 ALUMINIUM HYDROXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN USA	REG REG	AIR FOOD FEED	MAC ARL	CLV: 6.0MG/M3 (AEROSOL) THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	NOV1975	JUN1982 APR1986	PKAD# 1371-75, -, 1975 CFRUS# 40(180.1001), 251, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BD1400000		PHOSTOXIN				
ARG	REG	FOOD FEED USE	MRL MRL	SPECIFIED CEREALS: 0.1MG/KG	27MCH1969	MAY1985 ALEYP* 18073,-,1969
CSK	REG	AGRIC PRMT		SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982 SPPOR* -, -,1981
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	AIR AQ SOIL SED	RQR RQR RQR RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FAC TORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CA USE A PUBLIC DANGER.		MAY1982 BGBL** I.S.772,777-779,1980
EEC	REG	LABEL PACK	RQR RQR	F - FLAMMABLE. T - TOXIC. CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29). VERY TOXIC IF SWALLOWED (R 28). KEEP LOC KED UP AND OUT OF REACH OF CHILDREN (S 1/2). DO NOT BREATHE DUST (S.22). IN CASE OF FIRE, USE ... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - NEVER USE WATER) (S 43). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDIC AL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).	APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN ALUMINUM PHOSPHIDE ARE CLASSIFIED INTO CLASS 1A, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144,1,1984
GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	APR1986	GBRSI* 17,1,1983
GBR	REG	PACK STORE TRNSP	RQR RQR RQR	GENERAL REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986 GBRSI* 1077,1,1985

USA	REG	USE LABEL	REG	CLASS RSTR RQR	DESCRIPTION	DATE	CFRUS#
				RSTR CLASS RQR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS.	4AUG1975	40(162.31), 55, 1981
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE," SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	40(261), 367, 1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46,38318,1981; 47,27531,1982 (INTERIM))	22JUL1981	40(264), 455, 1981
USA	REG	FEED		ARL	SPECIFIED ANIMAL FEED PRODUCTS: 0.1MG/KG (OF PHOSPHINE) (LABELLING REQUIREMENTS)	JUL1983	21(561), 523, 1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	40(261), 358, 1981
USA	REG	FOOD FEED	AGRIC	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.001-0.01MG/KG OF PHOSPHINE RESULTING FROM TREATMENT WITH ALUMINUM PHOSPHIDE RESIDUE TOLERANCES OF PHOSPHINE IN OR ON ALL RAW AGRICULTURAL PRODUCTS RESULTING FROM PREHARVEST TREATMENT OF PEST ANIMAL BURROWS WITH ALUMINUM PHOSPHIDE AND MAGNESIUM PHOSPHIDE: 0.1MG/KG	APR1983	40(180), 152, 1981
USA	REG	FOOD FEED	AGRIC	ARL	(AMENDMENT OF CFR 40(180)) MAY BE USED TO GENERATE PHOSPHINE IN THE FUMIGATION OF PROCESSED FOODS. RESIDUE TOLERANCE FOR PHOSPHINE IN OR ON PROCESSED FOODS: 0.01 MG/KG	28SEP1983	48,44205, 1983
USA	REG	FOOD		ARL		OCT1985	21, 380, 1981

BP4550000 AMMONIUM CHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS	REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK CSK	REG REG	AIR HUMAN FOOD	MAC MPC		0.1MG/M3, AV/D; 0.3MG/M3, AV/0.5H LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUC TS: 10-25G/KG (CALCULATED AS SODIUM CHLORIDE)	OCT1978	MAY1982 MAY1982	AHEM** SUPPL. 6,-, 1975 HPMZC* 43,-, 1978
DEU	REC	AQ STORE TRNSP	CLASS		THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM FUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986		GMBL** 11(C3191A), 173, 1985
GBR	REC	AIR	OCC	RECL	IN ORDER TO PROTECT WATER, APPROPRIATE SECURI TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN G STORAGE, LOADING AND TRANSPORT. 8H-TWA: 10MG/M3 (FUME). STEL(10M)-TWA): 20MG /M3 (FUME)	OCT1985		GNHSE* EH40/85, 1, 1985
SUN USA USA	REG REG REG	AQ AIR FOOD USE	SURF OCC PRMT	MAC TLV PRMT	SURFACE WATER FOR FISHING : 1.2 MG/L TWA: 10MG/M3 (FUME); STEL: 20MG/M3 (FUME). THE SUBSTANCE IS GENERALLY RECOGNISED AS SAFE AS A DIRECT HUMAN FOOD INGREDIENT WHEN USED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTIC E. AMENDMENT OF CFR 21(184)).	SEP1985 SEP1985 OCT1985	19DEC1983	PDKTV* -,-, 1978 ACGIH* 1984-85, 9, 1984 FEREAC 48, 52438, 1983
USA	REG	FOOD FEED	ARL	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REGU IREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	APR1986		CFRUS* 40(180.1001), 251, 1981
USA	REG	AQ	EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.	MAY1986		CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1986		CFRUS* 40(117), 44, 1981

BP5250000 CHLORMEQUAT

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE AGRIC GOODS	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.05-5MG/KG; MILK AND MILK PRODUCTS: 0.1MG/KG; SECURITY INTERVAL: 60-80 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	AUG1985	SBTAP* -, 8, 1984
CSK	REG	USE AGRIC	PRMT	USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG	HUMAN FOOD	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.3MG/KG.	OCT1978	MAY1982	HPMZC* 43, -, 1978
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-5.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG. (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). (THE CHEMICAL NAME MUST BE STATED ON THE LABEL).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	FOOD	MRL	PLANT (GENERAL): 0.05MG/KG; PLANT (SPECIFIED) : 1-3MG/KG (EXPRESSED AS CHLORMEQUAT ION)	1JUL1984	APR1986	OJEC** L234, 1, 1982
FAO/WHO REC	ADJ	FOOD	MRL	0.05 MG/KG BW		APR1982	FPPDD 11, 15, 1978
FAO/WHO REC	MRL	FOOD		STRAW OF BARLEY, OATS, RYE, WHEAT 50 MG/KG; OATS 10 MG/KG; RYE, WHEAT 5 MG/KG; PEARS 3 MG/KG GRAPES; RAISINS AND OTHER DRIED VINE FRUIT 1 MG/KG; MILK AND MILK PRODUCTS 0.1 MG/KG APPROVED AS A GROWTH REGULATOR.		APR1982	FPPDD 11, 15, 1978
GBR	REG	USE	PRMT	SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFG** -, 89, 1983
GBR	REG	USE	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED.		MCH1983	APFG** -, 30, 1983
GBR	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978	APR1986	GBRSI* 17, 1, 1983
SUN	REG	AIR	OCC	CLV: 0.3MG/M3 (AEROSOL)	DEC1978	AUG1985	PKAD* 1948-79, -, 1978

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BQ9625000		AMMONIUM HYDROXIDE					
CSK	REG	FOOD GOODS	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-15MG/G.	JUL1978	AUG1984	HPMZC* 42, -, 1978
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC 115,2645 /62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L147, 11, 1983
EEC	REG	FOOD	PRMT	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM AMMONIA WORKS IN WHICH AMMONIA IS: A) MADE OR RECOVERED; OR B) USED IN THE AMONIA-SODA PROCESS; OR C) USED IN THE MANUFACTURE OF CARBONATE, HYDROXIDE, NITRATE OR PHOSPHATE OF AMMONIA, OR UREA OR NITRILES; OR D) STORED AND HANDLED IN ANHYDROUS FORM IN FLEXIBLE TANKS WITH AN AGGREGATE CAPACITY EXCEEDING 100 TONNES. FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. THE SUBSTANCE IS GENERALLY RECOGNISED AS SAFE AS A DIRECT HUMAN FOOD INGREDIENT WHEN USED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE. (AMENDMENT OF CFR 21(184)). THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES. IN ADDITION TO OTHER LABELLING REQUIREMENTS, AMMONIUM HYDROXIDE MUST BE LABELLED AS A "POISON" IF IT CONTAINS FREE OR CHEMICALLY UNNEUTRALIZED AMMONIA IN CONCENTRATIONS OF 5% OR MORE	FEB1986	OJEC** L43, 11, 1981	
GBR	REG	AIR	EMI		5AUG1983	APR1986	GBRSI* 943, -, 1983
KEN	REG	FOOD	PRMT			SEP1982	GSKEN* 40, 374, 1978
USA	REG	FOOD USE	PRMT		19DEC1983	OCT1985	FEREAC 48, 52438, 1983
USA	REG	FOOD FEED	ARL			APR1986	CFRUS* 40(180.1001), 251, 1981
USA	REG	LABEL GOODS	WARN RQR			APR1986	CFRUS* 16(1500), 346, 1982

USA	REG	AQ	EMI	CLASS		
					THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE	
					S, AND SOLUTIONS AND MIXTURES CONTAINING THE	
					SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST	
					ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI	
					LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI	
					ON CONTROL ACT.	
					UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT	
					OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR	
					ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US	
					GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE	
					IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN	
					ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL	
					TO OR GREATER THAN 454KG IN ANY 24-HOUR	
					PERIOD. SUCH A DISCHARGE IS A VIOLATION OF	
					THE FEDERAL WATER POLLUTION CONTROL ACT.	
					THE FOOD-GRADE SUBSTANCE MAY BE USED TO ASSIS	
					T CARAMELIZATION, IN THE PRODUCTION OF THE	
					FOOD COLOUR ADDITIVE CARAMEL, IN AMOUNTS CONS	
					ISTENT WITH GOOD MANUFACTURING PRACTICE.	
USA	REG	USE	PRMT			
		FOOD				

MAY1986 CFRUS* 40(116),33,1981

MAY1986 CFRUS* 40(117),44,1981

MAY1986 CFRUS* 21,242,1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

BR9050000 AMMONIUM NITRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. REQUIREMENTS CONCERNING STORAGE, PACKING, TRANSPORT AND HANDLING ARE GIVEN ACCORDING TO FOUR GROUPS. A. PREPARATIONS WHICH CAN DETONATE; B. PREPARATIONS WHICH CAN BURN; C. PREPARATIONS WHICH CANNOT DETONATE OR BURN BUT WHICH ARE OXIDISING; D. PREPARATIONS WHICH IN WATER SOLUTIONS OR SUSPENSIONS ARE HARMLESS, BUT IN CRYSTALLINE FORM ARE EXPLOSIVE. (BGBL I.S. 1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986		GMBL** 11(G3191A), 173, 1985
DEU	REG	PACK STORE TRNSP USE	RQR		10CT1980		JUN1986 BGBL** I.S. 140, 140, 1982
EEC	REG	MANUF USE	INDST RQR	CLASS LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=5000T (WHERE IN A STATE WHICH GIVES IT PROPERTIES CAPABLE OF CREATING A MAJOR ACCIDENT HAZARD) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. CLASS LISTED AS A DANGEROUS SUBSTANCE WHEN STORED AT QUANTITIES >=500T (>=5000T FOR NOTIFICATION) (WHEN IN A STATE WHICH GIVES IT PROPERTIES CAPABLE OF CREATING A MAJOR-ACCIDENT HAZARD) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF SUCH A STORAGE IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 500 OR MORE TONS OF AMMONIUM NITRATE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY. (APPLIES TO AMMONIUM NITRATE AND MIXTURES OF AMMONIUM NITRATE WHERE THE NITROGEN CONTENT DERIVED FROM THE AMMONIUM NITRATE EXCEEDS 28% OF THE MIXTURE BY WEIGHT, OTHER THAN: A) MIXTURES TO WHICH THE EXPLOSIVES ACT 1975(A) APPLIES; OR	8JAN1984	APR1986	OJEC** L230, 1, 1982
EEC	REG	STORE	RQR		8JAN1984		APR1986 OJEC** L230, 1, 1982
GBR	REG	USE	INDST RQR		1JAN1983		APR1986 GBRSI* 1357, 1, 1982

BW6650000 ANILINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 13 MG/M3 (2 PPM) (SKIN ABSORPTION), STE 22MAY1979	MAY1985	ADECT* 351, -, 1979
BRA	REG	AIR	OCC	AL	L : 19 MG/M3 (5 PPM) (SKIN ABSORPTION) 15 MG/M3 (4 PPM) (FOR 48H/WK) (HAZARDOUS DEGR EE : MAXIMUM)	AUG1982	SMTBR** 3, 140, 1980
CSK	REG	AIR	OCC	MAC	TWA: 5.0MG/M3; CLV: 20.0MG/M3	MCH1985	HPMZC** 58, -, 1985
CSK	REG			CLASS	POISONOUS SUBSTANCE (APPLIES TO ANILINE AND I TS N-ALKYL AND N,N-DIALKYL DERIVATIVES)	MAY1982	SZCSR** 22, 217, -, 1967
CSK	REG	GOODS	EMI	PRO	PROHIBITED IN COSMETICS	JAN1971	HPMZC** 32, -, 1970
DEU	REG	AIR		MXL	THIS COMPOUND BELONGS TO CLASS 1. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS 1: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS 11: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS 111: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE NT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 8H-TWA: 8MG/M3 (2PPM); 30MI-STEL: 40MG/M3 (10 PPM) AVERAGE VALUE, 2X/SHIFT. (CUTANEOUS ABSO RPTION). SUBSTANCE SUSPECT OF CARCINOGENIC PO TENTIAL. THE MAK VALUE IS THEREFORE TENTATIVE LY RETAINED. THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR EPARATIONS CONTAINING THE SOLVENT AT A CONCEN TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS S 1A, 1B, 1C; HARMFUL CLASSES 11A, 11B, 11C, 11D. THIS SOLVENT IS CLASSIFIED IN CLASS 1A. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	OCC	MAK		10CT1980	BGBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE	OCC	RQR RQR RSTR		10CT1980	BGBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE	OCC	RQR RQR RSTR		10CT1980	BGBL** I.S. 140, 140, 1982
DEU	REG	AIR	OCC	BAT	ANILINE IN URINE: 1MG/L. ANILINE FROM ANILINE -HAEMOGLOBIN CONJUGATE IN WHOLE BLOOD: 100UG/L	JAN1986	DFSK** XXI, 80, 1985
DEU	REC	AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURI TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN G STORAGE, LOADING AND TRANSPORT.	APR1986	GMBL** 11(G3191A), 173, 1985

APR1986 OJEC** L.106, 18, 1982

T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGEROUS OF CUMULATIVE EFFECTS (R 33). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER. WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (APPLIES TO ANILINE AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL).

JUN1986 OJEC** L149, 38, 1986

PRO SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.
 EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. (APPLIES ALSO TO SALTS AND HALOGENATED AND SULFONATED DERIVATIVES OF ANILINE).

JAN1983 OJEC** L213, 17, 1982

CLASS TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN

JAN1983 GBRSI* 1702, 1, 1978

CLASS LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 3X

OCT1985 GNHSE* EH40/85, 1, 1985

RQR MERGENTY ACTION CODE: 3X
 RECL 8H-TWA: 10MG/M3 (2PPM) STEL(10M1-TWA): 20MG/M3 (5PPM) SKIN ABSORPTION.

APR1986 GBRSI* 17, 1, 1983

RQR FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

SEP1982 IMCOC* 4, 10003, 1977

IMMO HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.

DEC1982 INDS** IS:7415, -, 1974

RQR CODE OF SAFETY INCL. HANDLING, STORAGE, PACKING, LABELLING (WARN), PREVENTIVE MEASURES, EDUCATION, TRAINING, PROTECTIVE EQUIPMENT, PERSONAL HYGIENE, PHYSICAL EXAMINATIONS, AIR ANALYSIS, FIRST AID, FIRE FIGHTING, CLEANING AND REPAIRS OF EQUIPMENT, WASTE DISPOSAL.
 MAC 19 MG/M3 (5PPM) (SKIN ABSORPTION) VALUES ARE: TWA

JUL1986 SAIGLB 27, 195-219, 1985

CLASS THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO ANILINE SALT, N-ALKYL ANILINE SALTS AND N-ALKYLANILINES)

JUL1983 JPPDL* -, -,

RQR N-ALKYL ANILINE SALTS AND N-ALKYLANILINES

SEP1985 PDKVO* 2932-83, -, 1983

MAC 0.1 MG/L

JUN1982 GOSTS* 12.1.005, -, 1976

CLV : 0.1 MG/M3 (VAPOUR)
 SURFACE WATER FOR FISHING : 0.1 UG/L

JUN1982 PDKTV* -, -, 1978

MAC 0.05 MG/M3 1X/D; 0.03 MG/M3 AV/D

SEP1985 PDKAV* 3086-84, -, 1984

MAC GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE.

OCT1984 STNAF* 1983:6, 1, 1983

CLASS RECLASSIFIED AS POISONOUS, EFFECTIVE 1 JAN 1985

JAN1985 AFS*** 1984:5, 10, 1984

HLV TWA : 4 MG/M3 (1 PPM) (SKIN ABSORPTION) STEL : 8 MG/M3 (2 PPM) TWA REFERS TO 15 MIN-TWA

CLASS 'STEL' REFERS TO STEL(15MIN-TWA) HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE

SEP1982 UNTDG* -, 11, 1986

PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.

MAY1983 CFRUS* 21, 272, 1981

MPC CERTAIN SPECIFIED COLOUR ADDITIVES WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : 0.2% (2G/KG)

EEC RQR LABEL PACK

EEC REG GOODS

EEC REG CLASS LABEL SALE

GBR REG TRNSP LABEL

GBR REC AIR OCC

GBR LABEL -

IMO TRNSP MARIN LABEL

IND REC USE STORE LABEL

JPN REC AIR OCC

JPN REG CLASS LABEL SALE

SUN REG AIR

SUN REG AQ

SUN REG AIR

SWE REG CLASS

SWE REG AIR OCC

UN REG TRNSP LABEL PACK

USA REG FOOD GOODS

USA	REC	AIR	OCC	TLV	TWA: 10MG/M3 (2PPM); STEL: 20MG/M3 (5PPM) (WITH ITS HOMOLOGUES) (SKIN ABSORPTION) (STEL VALUE INTENDED TO BE DELETED)	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	MANUF		RQR	MANUFACTURERS AND PROCESSORS OF ANILINE AND CHLORO-, BROMO-, AND/OR NITRO-ANILINES OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	4OCT1982 JUN1983 FER EAC 47, 38780, 1982
USA	REG	WASTE		CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR ANILINE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 2 AND THE REACTIVITY VALUE IS 0	10DEC1982 JUN1983 FER EAC 47, 31319, 1982
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND AGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FER EAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FER EAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD GOODS		MPC	CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : 0.2% (2G/KG)	MAY1983 CFRUS* 21(82), 308, 1981
USA	REG	WASTE		CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FER EAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981

USA	REG AQ	EMI	CLASS	MAY1983 CFRUS* 40(116), 33, 1981
			THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.	
USA	REG AQ	EMI	RQR RSTR	MAY1983 CFRUS* 40(117), 44, 1981
			UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA L TO OR MORE THAN 454 KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT.	
USA	REG AQ	OCC EMI WASTE	PEL RQR	JUN1974
USA	REG AQ			APR1983 CFRUS* 29(1910), 673, 1981 MAY1983 CFRUS* 40(122), 121, 1981
			TWA: 19 MG/M3 (5PPM), SKIN ABSORPTION PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL LUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS . THE FOLLOWING APPLICANTS MUST REPORT QUANTI TATIVE DATA FOR THE SUBSTANCE IN THEIR APPLIC ATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND RE PORTING REQUIREMENTS AFTER ISSUE OF PERMIT AR E SPECIFIED. EVEN IF NOT REQUIRED IN THE PERM IT, DISCHARGE OF THE SUBSTANCE MUST BE REPORT ED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL EST ABLISHED BY THE EPA DIRECTOR (AMENDED: FEKAC 46, 35090, 1981; 46, 36703, 1981 ; 47, 24918, 1982; 48, 14146, 1983)	

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

BY7900000 4,4'-OXYDIANILINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
SUN	REG	AIR	OCC	MAC		JAN1977	JUN1982 COSTS* 12.1.005,-, 1976
SWE	REG	CLASS LABEL		RQR		28FEB1986	JUN1986 STNAF* 1985:7(Pk29), 1, 1985

SUSPECT OF CARCINOGENIC POTENTIAL. NO MAK VAL
UE ESTABLISHED.
CLV : 5.0 MG/M3 (AEROSOL)
INCLUDED IN THE PRODUCT CONTROL BOARD'S
GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE
LABELLED ACCORDING TO THEIR CARCINOGENIC POTE
NTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS
A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.

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CA9350000 ANTHRACENE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EEC	REG	GOODS	PRO	<p>ANTHRACENE OIL MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p>EEC DIRECTIVE 76/768/EEC - OJEC L262,169, 1976</p> <p>- AS LAST AMENDED BY THE REFERENCE GIVEN. PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)</p> <p>TWA: 0.2 MG/M3 (APPLIES TO SPECIFIED COAL TAR PITCH VOLATILES). (AMENDED: FEREC 48, 2764, 1983)</p>	JUN1986	JUN1986	OJEC** L149, 38, 1986
USA	REG	AQ	EMI RQR WASTE	<p>POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRENES, BENZOPYRENES, BENZOFLUORANTHENE, CHRYSENES, DIBENZANTHRENES, AND INDENOPYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)</p> <p>(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)</p>	18JUL1980	MAY1983	CFRUS# 40(122.53), 121, 1981
USA	REG	AIR	OCC	<p>POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRENES, BENZOPYRENES, BENZOFLUORANTHENE, CHRYSENES, DIBENZANTHRENES, AND INDENOPYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)</p> <p>(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)</p>	APR1983	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	AQ	EMI CLASS WASTE MXL	<p>POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRENES, BENZOPYRENES, BENZOFLUORANTHENE, CHRYSENES, DIBENZANTHRENES, AND INDENOPYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)</p> <p>(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)</p>	JUL1983	JUL1983	CFRUS* 40(403), 8, 1981

CC4025000 ANTIMONY (+ COMPOUNDS)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES	
ARG	REG	AIR	OCC	MPC	TWA : 0.5 MG/M3 (AS SB), STEL : 0.75 MG/M3 (A 22MAY1979	MAY1985 ADECT* 351, -, 1979	
GMEA	REC	FOOD		MPC	LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCT S (SB) S: MILK PRODUCTS: 0.05MG/KG; FISH PRODUCTS: 0.5MG/KG; CEREALS: 0.2MG/KG; VEGETABLES, FRUIT S: 0.3MG/KG; BEVERAGES: 0.2MG/KG; OTHER FOOD PRODUCTS: 0.3MG/KG (APPLIES TO ANTIMONY AND ITS COMPOUNDS, CALCULATED AS ANTIMONY). LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCT I ON, PACKING, TRANSPORT AND STORAGE OF FOOD PR ODUCTS: 0.3MG/KG (FOOD, GENERAL); 0.05-0.5MG/ KG (SPECIFIED FOOD PRODUCTS); 0.05MG/L (BEVER AGES, GENERAL); 0.1MG/L (SPECIFIED BEVERAGES) (APPLIES TO ANTIMONY AND ITS COMPOUNDS). POISONOUS SUBSTANCE (APPLIES TO ANTIMONY AND ITS COMPOUNDS EXCEPT ANTIMONY TRISULFIDE). PROHIBITED IN COSMETICS (APPLIES TO ANTIMONY AND ITS COMPOUNDS)	OCT1983	OCT1985 PDVMP* -, -, 1983
CSK	REG	HUMAN FOOD		MPC	TWA: 0.5MG/M3, CLV: 2.5MG/M3 (CALCULATED AS SB) (APPLIES TO SB AND ITS COMPOUNDS) PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI NG COLOURS, DEGREASING AGENTS, ETC., SHOULD B E CLASSIFIED AS HARMFUL WHEN THE CONCENTRATIO N OF ANTIMONY COMPOUNDS IS GREATER THAN OR EQ UAL TO 2.5 G SB/KG (0.25%). (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.5MG/M3; 30M1-STEL: 5.0MG/M3 AVERAGE VALUE, 1X/SHIFT. FOR LABEL AND PACKAGING, SEE EEC (OJEC** L106 ,18,1982) - HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (APPLIES TO ANTIMONY COMPOUNDS) (BGBGL I.S.1071/1536/2159,1980 AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	OCT1978	MAY1982 HPMZC* 43, -, 1978
CSK	REG		GLASS		JUL1967	MAY1982 SZCSR* 22, 217, -, 1967	
CSK	REG	GOODS		PRO	JAN1971	MAY1982 HPMZC* 32, -, 1970	
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985 HPMZC* 58, -, 1985	
DEU	REG	LABEL		RQR	10OCT1980	JUN1986 BGBL** I.S.140,140,1982	
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985	
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	01OCT1980	JUN1986 BGBL** I.S.140,140,1982	
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986	
EEC	REG	GOODS		PRO	JUN1986	OJEC** L149, 38, 1986	

IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TI N AS WELL AS THEIR INORGANIC COMPOUNDS AND SO LUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE.
SUBSTANCE WHICH MUST NOT FORM PART OF THE COM POSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.
EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN.
(APPLIES ALSO TO ANTIMONY COMPOUNDS)

APR1986 OJEC** L106, 18, 1982

XN - HARMFUL. (THE NAME OF THE SUBSTANCE MUST APPEAR ON THE LABEL). HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). DO NOT BREATHE DUST (S.22). (APPLIES TO ANTIMONY COMPOUNDS WITH THE EXCEPTION OF THE TRIOXIDE (SB203), TRIOXIDE (SB204), PENTOXIDE (SB205), TRISULFIDE (SB2S3), PENTASULPHIDE (SB2S5), AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE).

30AUG1982 JAN1983 OJEC** L229, 11, 1980

MAC : 10 UG/SB/L, GL : - (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN

JAN1983 OJEC** L129, 23, 1976

MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)

APR1986 OJEC** L147, 11, 1983

MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN ANTIMONY COMPOUNDS (EXCEPT THE TRIOXIDE, TETROXIDE, PENTOXIDE, TRISULFIDE AND PENTASULFIDE) AT CONC'S $\geq 0.25\%$ SHALL BE CONSIDERED AS HARMFUL.

26JAN1982 APR1986 OJEC** L20, 43, 1980

MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.

01OCT1985 MCH1986 OJEC** L272, 1-20, 1985

WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A COUNTRY OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO ANOTHER MEMBER STATE, HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUC- TIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS

EEC RQR RQR LABEL PACK REG AQ DRINK MAC GL RQR RSTR

EEC REG AQ EMI RQR RSTR

EEC REG CLASS PACK LABEL SALE RQR RQR RSTR

EEC REG AQ WASTE GRND RQR RSTR

EEC REG WASTE EXPRT IMPRT RQR RQR RQR

SENT TO THE COMPETENT AUTHORITIES).
 (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326
 , 31, 1984 - AS AMENDED BY THE REFERENCE GIVEN)
 WASTE CONTAINING OR CONTAMINATED BY THIS SUBS
 TANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOX
 IC AND DANGEROUS WASTE'. MEMBER STATES SHALL:
 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSU
 RE THAT SUCH WASTE IS DISPOSED OF WITHOUT END
 ANGERING HUMAN HEALTH OR HARMING THE ENVIRONM
 ENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTRO
 LLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH
 WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UND
 ERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR
 STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WAS
 TE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE
 RESPONSIBLE FOR THE PLANNING, ORGANISATION,
 AUTHORISATION AND SUPERVISION OF THE DISPOSAL
 OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHE
 RE NECESSARY, IS KEPT SEPARATELY FROM OTHER
 MATTER, IS APPROPRIATELY LABELLED INDICATING
 ITS NATURE, COMPOSITION AND QUANTITY, IS RECO
 GISED AND IDENTIFIED IN RESPECT OF EACH SITE
 WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPET
 ENT AUTHORITIES SHALL DRAW UP PLANS FOR THE
 DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS
 PUBLIC.

31MCH1980 FEB1986 OJEC** L84,43-48, 1978

FEB1986 OJEC** L43,11, 1981

NOT MORE THAN 100MG/KG EACH OF ANTIMONY,
 COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR
 200MG/KG OF ALL TOGETHER MAY BE
 CONTAINED IN COLOURING MATTERS AUTHORIZED FOR
 USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPT
 ION. (DIRECTIVE OF 23 OCT 1962, OJEC 115,2645
 /62,1962 - AS LAST AMENDED BY THE REFERENCE
 GIVEN).

30JUN1987 APR1986 OJEC** L188,20, 1984

MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATI
 ON FOR THE OPERATION OF PLANTS BELONGING TO
 CERTAIN CATEGORIES (ENERGY, METAL PROCESSING,
 MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS,
 CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORI
 SATION MAY BE ISSUED ONLY WHEN, AMONG OTHER
 THINGS, THE USE OF THE PLANT WILL NOT CAUSE
 SIGNIFICANT AIR POLLUTION FROM THE EMISSION
 OF HEAVY METALS OR THEIR COMPOUNDS.

APR1986 GBRSI* 17,1, 1983

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
 18, 1982).

OCT1985 GNHSE* EH40/85,1, 1985

8H-TWA: 0.5MG/M3 (APPLIES TO ANTIMONY AND ANT
 IMONY COMPOUNDS, AS SB).

16MCH1981 JAN1986 GBRSI* 1709,1, 1980

ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPOR
 TS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A
 CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES
 . CONSIDERED AS SPECIAL WASTE IS ANY CONTROL
 ED WASTE WHICH CONSISTS OF OR CONTAINS THIS S
 UBSTANCE AND BY REASON OF THE PRESENCE OF THE
 SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASH
 POINT OF <=21C. APPLIES TO CONTROLLED WASTE
 CONSISTING OF OR CONTAINING ANTIMONY AND ANTI
 MONY COMPOUNDS

APR1986 GBRSI* 943,1, 1983

IT SHALL BE THE DUTY OF THE PERSON HAVING CON
 TROL OF ANY PREMISES OF A CLASS PRESCRIBED
 ELSEWHERE UNDER THIS REFERENCE TO USE THE BES
 T PRACTICABLE MEANS FOR PREVENTING THE EMISSI
 ON INTO THE ATMOSPHERE FROM THE PREMISES OF
 NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES
 OR DUST CONTAINING ANTIMONY AND FOR
 RENDERING HARMLESS AND INOFFENSIVE SUCH
 SUBSTANCES AS MAY BE SO EMITTED.
 (APPLIES TO ANTIMONY AND ITS COMPOUNDS).

EEC REG WASTE INDST RSTR
 RQR CLASS

EEC REG FOOD MXL

EEC REG AIR EMI RSTR

GBR REG LABEL RQR
 REC PACK RQR
 AIR OCC RECL

GBR REG WASTE RQR

GBR REG AIR EMI RQR

18JUL1980 MAY1983 CFRUS* 40 (122.53), 121, 1981

PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS. SOME SPECIFIED EXISTING INDUSTRIES AS WELL AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION THE QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 1UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.

USA REG AQ EMI WASTE RQR

JUL1983 CFRUS* 40(403), 8, 1981

(AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)
 ANTIMONY AND COMPOUNDS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.

USA REG AQ EMI WASTE RQR

(AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)
 (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 52226, 1982; 48, 15382, 1983)
 WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (ATOMIC ABSORPTION PRECIPITATION FOLLOWED BY DIGESTION FOR TOTAL SB AND BY 0.45 MICRON FILTRATION FOR DISSOLVED SB)

USA REG AQ EMI WASTE RQR 16OCT1973 MAY1983 CFRUS* 40, 298, 1981

MANUFACTURERS AND PROCESSORS OF ANTIMONY OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED

USA REG MANUF RQR

JUN1983 FEREAC 47, 38780, 1982

SPECIFIED FOOD COLOURING AGENTS : 2 MG/KG
 SPECIFIED DRUG COLOURING AGENTS : 2 MG/KG
 SPECIFIED COSMETIC COLOURING AGENTS : 2 MG/KG
 CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : TRACES-0.003% (0.03 G/KG) OF HEAVY METALS, EXCEPT Pb AND AS (BY PRECIPITATION AS SULFIDES)
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (ATOMIC ABSORPTION-FURNACE/FLAME)

USA REG FOOD GOODS MPC

MAY1983 CFRUS* 21(73), 240-265, 1981

SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : TRACES-0.003% (0.03 G/KG) OF HEAVY METALS, EXCEPT Pb AND AS (BY PRECIPITATION AS SULFIDES)

USA REG FOOD GOODS MPC

MAY1983 CFRUS* 21(82), 308, 1981

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (ATOMIC ABSORPTION-FURNACE/FLAME)

USA REG WASTE RQR

APR1983 CFRUS* 40(261), 376, 1981

11/101

USA REG WASTE APR1983 CFRUS* 40(261), 362, 378, 1981

CLASS: CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS (AMENED); FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)
RSTR RQR TWA: 0.5 MG/M3 (APPLIES TO ANTIMONY AND ITS COMPOUNDS, CALCULATED AS SB)

USA REG AIR OCC PEL APR1983 CFRUS* 29(1910), 673, 1981

JUN1974

CG0525000 ARSENIC (+ COMPOUNDS)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 0.5 MG/M3 (AS AS), STEL : 0.5 MG/M3 (AS AS)	MAY1985	ADECT* 351, -, 1979
CMEA	REC	FOOD		MPC	LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCT S: MILK PRODUCTS: 0.05-0.3MG/KG; MEAT PRODUCT S: 0.1-1.0MG/KG; FISH PRODUCTS: 1.0-5.0MG/KG; CEREALS: 0.1-2.0MG/KG; VEGETABLES: 0.2-0.5MG/ KG (DRY); 5.0MG/KG; FRUITS: 0.2-1.0MG/KG (DRY : 4.0MG/KG); BABY FOOD PRODUCTS: 0.05-0.1MG/KG : OTHER FOOD PRODUCTS: 0.1-5.0MG/KG; BEVERAGE S: 0.05-0.2MG/KG (APPLIES TO ARSENIC AND ITS COMPOUNDS, CALCULATED AS ARSENIC). TWA: 0.2MG/M3; CLV: 0.6MG/M3 (APPLIES TO ARSENIC AND ITS COMPOUNDS)	1983	OCT1985 PDVMP* -, -, 1983
CSK	REG	AIR	OCC	MAC	(LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCT I ON, PACKING, TRANSPORT AND STORAGE OF FOOD PR ODUCTS: 0.3MG/KG (FOOD, GENERAL); 0.05-5.0MG/ KG (SPECIFIED FOOD PRODUCTS); 0.05MG/L (BEVER AGES, GENERAL); 0.2MG/L (SPECIFIED BEVERAGES) (APPLIES TO ARSENIC AND ITS COMPOUNDS).	MCH1985	HPMZC* 58, -, 1985
CSK	REG	HUMAN	FOOD	MPC	0.5 MG/L (APPLIES ALSO TO COMPOUNDS) 0.05 MG/L (APPLIES ALSO TO COMPOUNDS) 0.05MG/L (DRINKING WATER RESERVE) (APPLIES AL SO TO COMPOUNDS)	OCT1978	HPMZC* 43, -, 1978
CSK	REG	AQ	SURF	MAC	0.003 MG/M3, AV/D (APPLIES TO ARSENIC AND ITS COMPOUNDS) (INORG ANIC COMPOUNDS)	APR1975	SZCSR* 9, 125, 1975
CSK	REG	AQ	DRINK	MAC	DANGEROUS POISONOUS SUBSTANCE (APPLIES TO ARS ENIC AND ITS COMPOUNDS)	JAN1975	CSNOR* 830611, -, 1974
CSK	REG	AQ	SURF	MAC	0.01 MG/M3 AV/0.5H (INORGANIC COMPOUNDS) CARCINOGENIC SUBSTANCE. USE AND HANDLING OF T HE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED (APPLIES TO PRODUC TION OF AS AND ITS COMPOUNDS)	APR1975	SZCSR* 9, 125, 1975
CSK	REG	AIR	AMBI	MAC	0.2 MG/M3 OF ARSENIC AND ITS COMPOUNDS EXCEPT - ARSENIC, CALCULATED AS ARSENIC IN TOTAL INHAL ABLE DUST	JUL1981	HPMZC* 51, -, 1981
CSK	REG			CLASS	PLANT (ALL) 0 MG/KG (NATURAL OCCURRENCE NOT C OUNTED) (APPLIES TO ARSENIC COMPOUNDS) (PFLANZENSCHUTZMITTEL-HOCHSTMEINGENVERORDNUNG - BGBl. I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUL1967	SZCSR* 22, 217, 1967
CSK	REG	AIR	AMBI	MAC	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINT I NG COLOURS, DEGREASING AGENTS, ETC., SHOULD B E CLASSIFIED AS POISONOUS WHEN THE CONCENTRAT ION OF ARSENIC COMPOUNDS IS >1 G AS/KG (0.1% , AND AS HARMFUL WHEN IT IS 0.5-1.0 G AS/KG (0.05-0.1%).	MAY1982	AHEM** SUPPL. 6, -, 1975
CSK	REG	USE	OCC	RQR	(BGBl. I. S. 1071, 1536/2159, 1980, AND BGBl. I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	AUG1985	HPMZC* 56, -, 1984
DEU	REC	AIR	OCC	TRK		JAN1986	DFSK** XXI, 66, 1985
DEU	REC	FOOD		MRL		JUN1986	BGBL** I. S. 635, 635-643, 1984
DEU	REC	LABEL		RQR		JUN1986	BGBL** I. S. 140, 140, 1982

DEU	REG	USE	PRO	10CT1980	JUN1986 BGBL** I.S.140,140,1982
					ANTI-FOULING PAINTS WHICH CONTAIN: MERCURY COMPOUNDS, ARSENIC COMPOUNDS, DDT, HCH, PCB, OR PCT MAY NOT BE USED EXCEPT WHEN NO SUBSTITUTE IS AVAILABLE AND PERMISSION IS GIVEN BY THE APPROPRIATE AUTHORITY. (BGBL I.S.1071/1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	LABEL	RQR	10CT1980	JUN1986 BGBL** I.S.140,140,1982
					ARSENIC-CONTAINING PREPARATIONS INTENDED FOR USE AS CLEANING AND STAINING AGENTS MUST BE LABELLED AS FOLLOWS: "CONTAINS ARSENIC! THIS PREPARATION MUST NOT BE USED FOR CLEANING AND D. STAINING OF ACCESSIBLE CONTAINERS AND OTHER NARROW ROOMS." (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	USE	PRO	10CT1982	JUN1986 BGBL** I.S.140,140,1982
					WORKING MATERIALS WHICH CONTAIN MORE THAN 0.3% (WT/WT) ARSENIC MAY NOT BE USED: 1. FOR CLEANING OF ACCESSIBLE CONTAINERS AND OTHER NARROW ROOMS; 2. IN PAINTS AND COATING AGENTS; 3. IN PESTICIDES; 4. IN MANUFACTURE OF WINDOW GLASS AND GLASS USED FOR PACKING FOOD; 5. IN MANUFACTURE OF LEATHER, TOBACCO PRODUCTS, IN TEXTILE FINISHING, AND ANIMAL PREPARATION; 6. IN THE PRODUCTION OF ENAMEL; 7. IN CLEANING AND STAINING AGENTS EXCEPT STAINS OF PHOSPHORIC ACID; 8. IN CHEMICAL (REDUCTIVE) METAL SEPARATION (REFINEMENT) FOR SURFACE TREATMENT; 9. IN THE MANUFACTURE OF PYROTECHNICAL OBJECTS; 10. IN METAL GLUES; 11. IN PRESERVATIVES, EXCEPT WOOD PRESERVATIVES FOR OUTDOOR USE. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	AQ	DRINK MPC	31JAN1976	NOV1982 BGBL** I.S.764,764,1980
					(BGBL IS.453,1975 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	LABEL - PACK USE	RQR RQR RSTR	10CT1980	JUN1986 BGBL** I.S.140,140,1982
					FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REC	AIR	OCC	JAN1986	DFSK** XXI,16,1985
					ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIOUS ACID, ARSENIC ACID, AND THEIR SALTS ARE LISTED AS CARCINOGENIC WORKING MATERIALS PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED.
DEU	REG	FOOD	DRINK MPC	04AUG1983	APR1985 BGBL** IS1078,1078,1983
DEU	REG	AIR	EMI MXL	28FEB1986	JUN1986 GMBL** 7,93-143,1986
					WINE: 0.2MG/L IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF ARSENIC, COBALT, NICKEL, SELENIUM AND TELLURIUM AS WELL AS THEIR INORGANIC COMPOUNDS (I.E. THE CLASS II INORGANIC DUSTS) MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.

10NOV1981 APR1986 OJEC** L281,47,1979

QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS).

MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH. SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.

NOT MORE THAN 5MG/KG OF ARSENIC MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC 115.2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).

ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 3 MG/KG OF ARSENIC (DIRECTIVE 70/357/EEC, O.J.E.C. L157, P. 429, 1970 AS AMENDED BY THE REFERENCE GIVEN)

EMULSIFIER(S), STABILIZER(S), THICKENER(S) AND GELLING AGENT(S) AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 3MG/KG OF ARSENIC.

(DIRECTIVE 74/329/EEC, OJEC L189, 1, 1974 - AS LAST AMENDED BY THE REFERENCE GIVEN).

PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL ALL NOT CONTAIN MORE THAN 3 MG/KG OF ARSENIC. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P. 161/64 AS AMENDED BY THE REFERENCE GIVEN)

MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL ARSENIC IN STRAIGHT FEEDINGSTUFFS: 2 MG/KG AND IN COMPLETE FEEDINGSTUFFS: 4-10 MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS: 4-10 MG/KG (COUNCIL DIRECTIVE 74/63/EEC (EFFECTIVE DATE: 1.1.1976) : OJEC L38, P.31, 1974 AS LAST AMENDED BY THE REFERENCE GIVEN)

IN CASE OF EXPOSURE TO ARSENIC COMPOUNDS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DANGERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE.

MEMBER STATES SHALL REQUIRE PRIOR AUTHORIZATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORIZATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.

FEB1986 OJEC** L43,11,1981

FEB1986 OJEC** L354,22,1981

FEB1986 OJEC** L2,21,1985

14MAY1977 FEB1986 OJEC** L126,31,1976

31DEC1983 APR1986 OJEC** L222,31,1983

03DEC1983 APR1986 OJEC** L327,8,1980

30JUN1987 APR1986 OJEC** L188,20,1984

EEC REG AQ MARIN RQR

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FEED MPC

EEC REG OCC RSTR RQR

EEC REG AIR EMI RSTR

GBR	REG	AIR	EMI	RQR	5AUG1983	APR1986	GBRSI* 943,-,1983	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ARSENIC WORKS IN WHICH ARSENIOUS ACID IS MADE OR WHERE NITRIC ACID OR A NITRATE IS USED IN THE MANUFACTURE OF ARSENIC ACID OR AN ARSENATE AND WORKS IN WHICH ANY VOLATILE COMPOUND IS EVOLVED IN ANY MANUFACTURING PROCESS AND WORKS IN WHICH ARSENIC IS MADE.
GBR	REG	AIR	EMI	RQR	5AUG1983	APR1986	GBRSI* 943,1,1983	IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS DESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS ARSENIC AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO ARSENIC AND ITS COMPOUNDS).
GBR	REG	AIR	EMI	RQR	5AUG1983	APR1986	GBRSI* 943,1,1983	IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS DESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES OR DUST CONTAINING ARSENIC AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO ARSENIC AND ITS COMPOUNDS).
GBR	REG	FOOD AQ	DRINK	RQR MRL	21FEB1985	AUG1986	GBRSI* 71,1,1985	A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS ARSENIC IN AN AMOUNT EXCEEDING 50UG/L. THE RESULTS SHOULD BE EXPRESSED IN AS UG/L.
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	SEPT1982	IMCOC*	4,10003,1977	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE; 11 = SUBSTANCE PRESENTING MEDIUM DANGER; 111 = SUBSTANCE PRESENTING MINOR DANGER.
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS:	JUL1983	IMCOC*	111,6147,1977	(APPLIES TO LIQUID AND SOLID ARSENIC COMPOUND S, ARSENICAL DUST AND TO METALLIC ARSENIC). HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCENTRATIONS
IND JPN	REG REC	FOOD OCC	SEL OCC	MPC CLASS	DEC1982	PFAIN* SAIGLB	-, 64&141,1981 27,195-219,1985	LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD (APPLIES TO ARSENIC COMPOUNDS, INCL. ARSENIC ACID, DRY OR LIQUID AND ARSENICAL DUST) IN SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENIC WORKING MATERIALS (APPLIES TO ARSENIC COMPOUNDS)
JPN	REG	AQ	AMBI	MXL	DEC1982	QEJPN*	-,385,1981	ENVIRONMENTAL WATER QUALITY STANDARD: < 0.05 MG/L AS AN ABSOLUTE MAXIMUM VALUE
JPN	REG	AQ	EMI	MPC	DEC1982	QEJPN*	-,400,1981	EFFLUENT STANDARD: 0.5 MG/L OF ARSENIC AND ITS COMPOUNDS
JPN	REG	FOOD		ARL	JUL1983	JPNFS*	-,-,	SPECIFIED PLANT PRODUCTS: 1.0-3.5MG/KG (EXPRESSED AS AS2O3)
JPN	REG	CLASS LABEL SALE		RQR RSTR	JAN1965	JPPDL*	-,-,	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS POISONOUS (APPLIES TO ARSENIC AND COMPOUNDS, EXCEPT CALCIUM METHANE ARSONATE AND IRON METHANE ARSONATE)

UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	UNTDCG* -
USA	REG AQ	DRINK	MPC	(APPLIES TO ARSENIC AND ARSENICAL DUST) BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.05 MG/L CERTAIN SPECIFIED COLOUR ADDITIVES WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : 1-3	SEPT1982 UNTDG* -, 11, 1986
USA	REG FOOD	FOOD GOODS	MPC	MG/KG (AMENDED: FEREAC 47,22509, 1982; 47,42566, 1982 ; 47,49632, 1982; 47,52144, 1982; 47,53843, 1982 ; 47,57681, 1982; 48,5252, 1983) THE FOOD ADDITIVE BAKERS YEAST PROTEIN : 0.3	JUL1983 CFRUS* 21,52, 1981 MAY1983 CFRUS* 21,272, 1981
USA	REG AIR	OCC	TLV	MG/KG TWA: 0.2MG/M3 (WITH ITS SOLUBLE COMPOUNDS, CALCULATED AS AS)	JUN1983 CFRUS* 21,37, 1981 SEPT1985 ACCIH* 1984-85, 9, 1984
USA	REG WASTE - AQ	GRND	RQR	AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYPES OF HAZARDOUS WASTE STORAGE, TREATMENT OR DISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE. (AMENDED: FEREAC 47,1254, 1982 (INTERIM); 47,7842, 1982 (INTERIM); 47,32274, 1982)	19NOV1980 APR1983 CFRUS* 40,483/536, 1981
USA	REG WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46,38318, 1981; 47,27531, 1982 (INTERIM)). (APPLIES TO ARSENIC AND ITS COMPOUNDS)	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ARSENIC AND ITS COMPOUNDS)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG FOOD		MPC	THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 3 MG/KG (AS AS)	JUN1983 CFRUS* 21(173), 114, 1981
USA	REG WASTE		CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246, 1981; 46,40154, 1981; 46,44972, 1981; 46,47429, 1981; 46,56588, 1981; 46,61273, 1981; 47,36097, 1982; 47,52668, 1982; 48,2532, 1983 (INTERIM) ; 48,11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS . SOME SPECIFIED EXISTING INDUSTRIES AS WELL AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO HAVE REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CON	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

C. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL ARSENIC)
 (AMENDED: FEREAC 46, 34091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)
 WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (SILVER DIETHYLTHIOCARBAMATE OR ATOMIC ABSORPTION PRECEDED BY DIGESTION FOR TOTAL AS AND BY 0.45 MICRON FILTRATION FOR DISSOLVED AS)
 CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.05MG/L OF ARSENIC. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)
 ARSENIC AND COMPOUNDS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.
 (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)
 (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)
 CHEMICAL AGENTS FOR USE AS A DISPERSING OR SURFACE COLLECTING AGENT FOR SPILLS OF OIL AND HAZARDOUS SUBSTANCES WILL NOT BE CONSIDERED FOR USE UNDER THE NATIONAL POLLUTION CONTINGENCY PLAN UNLESS TECHNICAL PRODUCT DATA HAVE BEEN PROVIDED TO AND ACCEPTED BY EPA. THE DATA MUST INCLUDE THE CONC.'S OR UPPER LIMITS OF THIS SUBSTANCE IN THE PRODUCT. (REEDITED CFRUS * 40(300) AND AMENDED FEREAC 47, 31180, 1982)
 THE FOOD ADDITIVE MODIFIED COTTONSEED PRODUCT S, WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 0.2 MG/KG OF THIS SUBSTANCE
 THE FOOD ADDITIVE BAKERS YEAST GLYCAN, WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 0.4 MG/KG OF THIS SUBSTANCE
 SPECIFIED FOOD COLOURING AGENTS : 0.2-5 MG/KG
 SPECIFIED DRUG COLOURING AGENTS : 1-5 MG/KG
 SPECIFIED COSMETIC COLOURING AGENTS : 1-5MG/KG
 CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : 1.4 -2 MG/KG (0.00014- 0.0002%), CALCULATED AS AS203
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (ATOMIC ABSORPTION-FLAME)
 ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 5.0MG/L OF THIS SUBSTANCE

16OCT1973 MAY1983 CFRUS* 40, 298, 1981

24DEC1976 MAY1983 CFRUS* 40, 309, 1981

JUL1983 CFRUS* 40(403), 8, 1981

JUL1983 CFRUS* 40(1510), 525, 1981

JUN1983 CFRUS* 21(172), 23, 1981

JUN1983 CFRUS* 21(172), 23, 1981

MAY1983 CFRUS* 21(73), 240-265, 1981

MAY1983 CFRUS* 21(82), 308, 1981

APR1983 CFRUS* 40(261), 376, 1981

APR1983 CFRUS* 40(261), 360, 1981

USA REG AQ EMI RQR

USA REG AQ DRINK MPC RQR

USA REG AQ EMI CLASS WASTE MXL

USA REG AQ EMI RSTR

USA REG FOOD MPC

USA REG FOOD MPC

USA REG FOOD GOODS MPC

USA REG FOOD GOODS MPC

USA REG WASTE RQR

USA REG WASTE MPC CLASS RSTR

USA	REG	WASTE	REG	WASTE	DRINK	RQR	15OCT1979	APR1983	CFRUS*	40(257), 332, 335, 1981
USA	REG	RMV USE	REG	AIR	OCC	PEL	1MAY1974	APR1983	CFRUS*	40 (165.7), 102, 1981
USA	REG	AIR	REG	AIR	OCC	PEL	JUN1983	CFRUS*	29(1910), 74INDEX, 1981	
USA	REG	AIR	REG	AIR	OCC	PEL	APR1983	CFRUS*	29(1910), 673, 1981	
USA	REG	AIR OCC LABEL	REG	AIR OCC	RQR PEL WARN	JUN1983	CFRUS*	29(1910), 751, 1981		
WHO	REC	AQ	REC	AQ	DRINK	MXL	DEC1982	WHISD*	3, 32, 1971	
WHO	REC	AQ	REC	AQ	DRINK	GL	MCH1983	WHODW*	-, 15, 1983	

FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF ARSENIC IN GROUND WATER TO EXCEED 0.05 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.
 ORGANIC PESTICIDE COMPOUNDS CONTAINING THIS SUBSTANCE MUST NOT BE OPENLY BURNED, NOR MAY THEIR CONTAINERS BE OPENLY BURNED. PROPER DISPOSAL PROCEDURES ARE OUTLINED.
 TWA: 10 UG/M3 (APPLIES TO INORGANIC ARSENIC AND CALCIUM ACETO ARSENITE). (EXPLAINED IN FEREAC 48, 1864, 1983)
 TWA: 0.5 MG AS/M3 (APPLIES TO ORGANIC COMPOUNDS)
 A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER FOR ALL OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC COMPOUNDS (EXCEPT ARSINE AND EXCEPT IN AGRICULTURE, PESTICIDE APPLICATIONS, WOOD TREATMENT OR USE OF ARSENICALLY PRESERVED WOOD) IF CONCENTRATIONS OF INORGANIC ARSENIC AND COPPER ACETOARSENITE EXCEED 5 UG/M3 (TWA). REQUIREMENTS FOR MONITORING, EMPLOYEE TRAINING, RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, WARNING SIGNS REFERRING TO INORGANIC ARSENIC AS A CANCER HAZARD, MEDICAL SURVEILLANCE OF EMPLOYEES, LABELLING OF CONTAINERS, DECONTAMINATION AND EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING.
 0.05MG/L (POLAROGRAPHIC ESTIMATION, AAS, GUTZ)
 0.05 MG/L (TENTATIVE LIMIT).

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CG0700000		ARSENIC ACID					
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	RQR		01AUG1980	MAY1982 BGBL** IS.772, 777-779, 1980
		AQ	IMI	RQR			
		SOIL	IMI	RQR			
		SED	IMI	RQR			
DEU	REG	USE	OCC	RSTR		10OCT1980	JUN1986 BGBL** I. S. 140, 140, 1982
DEU	REC	AQ	STORE	TRNSP		APR1986	GMBL** 11(G3191A), 173, 1985
DEU	REG	AIR	EMI	MXL		28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
EEC	REG	MANUF	INDST	RQR		8JAN1984	APR1986 OJEC** L230, 1, 1982
		USE					

ARSENIC ACID AND ITS SALTS ARE LISTED AS CARCINOGENIC WORKING MATERIALS PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED (SEE TRK VALUE FOR ARSENIC)

IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER

CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS): >=30G/KG (3%)

GROUP II (HIGHLY DANGEROUS): >=30G/KG (3%)

GROUP III (DANGEROUS): <30-3G/KG (<3-0.3%) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS)

THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.

(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIOUS ACID AND THEIR SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.

LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=500KG (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS)

IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.

APR1986 OJEC** L194,5,1975

EEC REG AQ AQ MAR IN RQR WASTE RSTR

EEC REG WASTE EXPRT IMPRT 010CT1985 MCH1986 OJEC** L272,1-20,1985

CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS. WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A PORT OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO ANOTHER MEMBER STATE, HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES). (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326

EEC REG WASTE INDST RSTR 31MCH1980 FEB1986 OJEC** L84,43-48,1978

EEC REG WASTE INDST RSTR RQR CLASS

31. 1984 - AS AMENDED BY THE REFERENCE GIVEN) WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC.

GBR REG AIR EMI RQR 5AUG1983 APR1986 GBRSI* 943,-,1983

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ARSENIC WORKS IN WHICH ARSENIOSIC ACID IS MADE OR WHERE NITRIC ACID OR A NITRATE IS USED IN THE

CG0830000 CALCIUM ARSENATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	22MAY1979	MAY1985 ADECT* 351, -, 1979
BRA	REG	FOOD	OCC	AL	AUG1982	BRAFI* -, -, 1969
DEU	REG	USE	OCC	RSTR	JUN1986	BGBL** I.S.140, 140, 1982
<p>TWA: 0.2MG/M3 (0.05PPM) (AS AS), STEL: 0.2MG/ 22MAY1979 M3 (0.05PPM) (AS AS) PLANT (SPECIFIED): 3.5MG/KG CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGEROUS); >=30.0G/KG (3.0%); GROUP III (DANGEROUS): <30.0-3.0G/KG (<3.0-0.3%). (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (SEE TRK VALUE FOR ARSENIC) THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >= 500KG (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ON E OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. WITHDRAWAL OF ALL PESTICIDAL USES IN AGRICULTURE AND HORTICULTURE BECAUSE OF HIGH ACUTE TOXICITY TO MAN, LIVESTOCK AND WILD-LIFE, PERSISTENCE IN SOIL AND POTENTIAL CARCINOGENICITY</p>						
DEU	REG	AIR	IMI	RQR	MAY1982	BGBL** I.S.772, 777-779, 1980
DEU	REG	AQ	IMI	RQR	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	SOIL	IMI	RQR	APR1986	GMBL** 11(G3191A), 173, 1985
DEU	REG	SED	IMI	RQR		
DEU	REC	AIR	OCC	MAK		
DEU	REC	AG	OCC	MAK		
DEU	REC	STORE	OCC	MAK		
DEU	REC	TRNSP	OCC	MAK		
EEC	REG	MANUF	INDST	RQR	8JAN1984	DEC1982 OJEC** L230, 1, 1982
EEC	REG	USE	INDST	RQR		
GBR	REC	USE	AGRIC	PRO	JAN1986	GBCPR* -, 383, 1968

IMO	REC	TRNSP LABEL	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO CALCIUM ARSENATE AND TO SOLID MIXTURES OF CALCIUM ARSENATE AND ARSENITE).	SEP1982 IMCOC* 4, 10003, 1977
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. 0.009MG/M3 1X/D, 0.004MG/M3 AV/D (CALCULATED VALUES)	01AUG1971 MAY1984 INDIA* -, -, 1968
SUN	REG	AIR	AMBI	MAC	JUN1982 PDKTV* -, -, 1978
SWE UN	REG REC	CLASS TRNSP LABEL	CLASS	CLASS	OCT1984 STNAF* 1983:6,1, 1983 SEP1982 UNTDG* -, 11, 1986
USA	REG	PACK MANUF	RQR	THE SUBSTANCE, A WHITE PESTICIDE, AND WHITE PRODUCTS CONTAINING A SUBSTANTIAL QUANTITY OF THE SUBSTANCE, MUST BE WITH CERTAIN EXCEPTIONS, COLORED ANY HUE EXCEPT YELLOW-REDS OR YELLOWS, USING COLORING AGENTS MEETING STATED SPECIFICATIONS, OR DISCOLORED TO A NEUTRAL LIGHTNESS	4AUG1975 APR1983 CFRUS* 40(162.13), 42, 1981
USA	REG	FOOD FEED	AGRIC	ARL	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	AQ	EMI	CLASS	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	RQR RSTR	MAY1983 CFRUS* 40(117), 44, 1981

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 3.5MG/KG (CALCULATED AS AS203)
THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

CG0875000 DISODIUM ARSENATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	RQR	01AUG1980	MAY1982 BGBL** I.S. 772, 777-779, 1980
		AQ	IMI	RQR		
		SOIL	IMI	RQR		
		SED	IMI	RQR		
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986 BGBL** I.S. 140, 140, 1982
<p>CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS): $>=30G/KG$ (3%) GROUP II (HIGHLY DANGEROUS): $>=30G/KG$ (3%) GROUP III (DANGEROUS): $<30-3G/KG$ ($<3-0.3\%$) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOS ACID AND THEIR SALTS) THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES $>=500KG$ (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE. 23NOV1983 OCT1984 STNAF* 1983:6, 1, 1983</p>						
EEC	REG	MANUF USE	INDST	RQR	8JAN1984	APR1986 OJEC** L230, 1, 1982
SWE	REG	CLASS	CLASS		23NOV1983	OCT1984 STNAF* 1983:6, 1, 1983

CG0900000 DISODIUM ARSENATE, HEPTAHYDRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	RQR		01AUG1980	BGBL** I.S.772,777-779, 1980
		AQ	IMI	RQR			
		SOIL	IMI	RQR			
		SED	IMI	RQR			
DEU	REG	USE	OCC	RSTR		10CT1980	JUN1986 BGBL** I.S.140,140, 1982
EEC	REG	MANUF USE	INDST RQR	CLASS RQR		8JAN1984	APR1986 OJEC** L230,1, 1982
SWE	REG	CLASS		CLASS		23NOV1983	OCT1984 STNAF* 1983:6,1, 1983

CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIUM ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC)

IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER

CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS):

GROUP II (HIGHLY DANGEROUS): $\geq 30\text{G/KG}$ (3%)
 GROUP III (DANGEROUS): $< 30\text{-}3\text{G/KG}$ ($< 3\text{-}0.3\%$) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIUM ACID AND THEIR SALTS)
 THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES $\geq 500\text{KG}$ (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS)
 IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES, ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.
 CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE. 23NOV1983

CG0980000 LEAD ARSENATE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG FOOD	FRUITS AND OTHERS: 7MG/KG (AS PB). TWA: 0.15MG/M3; STEL: 0.45MG/M3	27MCH1969	ALEYPP* 18073, -, 1969
BRA	REG AIR	PLANT (SPECIFIED): 7MG/KG	22MAY1979	ADECT* 351, -, 1979
DEU	REG FOOD	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIOUS ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC).	AUG1982	BRAF1* -, -, 1969
DEU	REG AIR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS): -; GROUP II (HIGHLY DANGEROUS): GREATER THAN OR EQUAL TO 30.0 G/KG (3.0%); GROUP II (DANGEROUS): <30.0-3.0 G/KG (3.0-0.3%). (APPLIES TO ARSENIC TRIOXIDE AND PEN TOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S. 1071, 1536/2159, 1980. AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JAN1986	DFSK** XXI, 16, 1985
DEU	REG USE	RSTR	10CT1980	BGBL** I.S. 140, 140, 1982
DEU	REG AIR	RQR	MAY1982	BGBL** I.S. 772, 777-779, 1980
DEU	REG AQ	RQR		
DEU	REG SOIL	RQR		
DEU	REG SED	RQR		
DEU	REG AQ	CLASS	APR1986	CMBL** 11(G3191A), 173, 1985
DEU	REG STORE	CLASS		
DEU	REG TRNSP	CLASS		
EEC	REG MANUF	CLASS	8JAN1984	OJEC** L230, 1, 1982
EEC	REG USE	INDST RQR		

IRPTC 11/119

GBR	REG	SALE	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN).	DATE
GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS AGRICULTURAL, HORTICULTURAL AND FORESTRAL INSECTICIDES OR FUNGICIDES (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN).	01JAN1986
GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS AGRICULTURAL, HORTICULTURAL AND FORESTRAL INSECTICIDES OR FUNGICIDES (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN).	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN).	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. II = SUBSTANCE PRESENTING MEDIUM DANGER. III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO LIQUID AND SOLID ARSENATES).	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE. HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO LEAD ARSENATES).	01JAN1986
USA	REG	MANUF	RQR	THE SUBSTANCE, A WHITE PESTICIDE, AND WHITE PRODUCTS CONTAINING A SUBSTANTIAL QUANTITY OF THE SUBSTANCE, MUST BE, WITH CERTAIN EXCEPTIONS, COLORED ANY HUE EXCEPT YELLOW-REDS OR YELLOWS, USING COLORING AGENTS MEETING STATED SPECIFICATIONS, OR DISCOLORED TO A NEUTRAL LIGHTNESS.	01JAN1986
USA	REG	AQ	EMI RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 2270KG (OF LEAD ARSENATE) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	01JAN1986
USA	REG	AQ	EMI CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

GBR	REG	SALE	RSTR	DATE
GBR	REG	SALE	RSTR	01JAN1986
GBR	REG	SALE	RSTR	FEB1986
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	FEB1986
SWE UN	REC	CLASS TRNSP LABEL PACK	CLASS	01JAN1986
USA	REG	MANUF	RQR	01JAN1986
USA	REG	AQ	EMI RSTR	01JAN1986
USA	REG	AQ	EMI CLASS	01JAN1986

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

CG1000000 LEAD ARSENATE (ASH304.XPB)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	MAK	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC). IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER.	01AUG1980	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	RQR				
		AQ	RQR				
		SOIL	RQR				
		SED	RQR				
DEU	REC	AQ	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.			
EEC	REG	MANUF USE	CLASS	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=500KG (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.	8JAN1984	APR1986	OJEC** L230, 1, 1982
GBR	REG	CLASS SALE	RSTR	POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.		1APR1982	GBRSI* 217, 1, 1982
GBR	REG	SALE	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS.		01JAN1986	GBRSI* 1077, 1, 1985
GBR	REG	SALE	RSTR	(GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)		01JAN1986	GBRSI* 1077, 1, 1985
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.		SEP1982	IMCOC* 4, 10003, 1977

SWE USA	REG REC	CLASS AIR	OCC	CLASS AQ	EMI	CLASS TLV	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE. TWA: 0.15MG/M3; STEL: 0.45MG/M3 CALCULATED AS PBASO4)2. (STEL VALUE INTENDED TO BE DELETED) THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.	23NOV1983	OCT1984	STNAF* 1983:6, 1, 1983 SEPI985 ACGIH* 1984-85, 9, 1984 MAY1986 CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	CLASS	EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.		MAY1986	CFRUS* 40, 33, 1981
USA	REG	AQ	EMI	RQR RSTR	RQR RSTR	CLASS	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(117), 44, 1981
USA	REG	AQ	EMI	RQR RSTR	RQR RSTR	CLASS	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG (OF LEAD ARSENATE) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40, 44, 1981
USA	REG	MANUF		RQR	RQR	CLASS	THE SUBSTANCE, A WHITE PESTICIDE, AND WHITE PRODUCTS CONTAINING A SUBSTANTIAL QUANTITY OF THE SUBSTANCE, MUST, WITH CERTAIN EXCEPTIONS, BE COLOURED ANY HUE, EXCEPT YELLOW-REDS OR YEL LOWS, USING COLOURING AGENTS MEETING STANDARD SPECIFICATIONS, OR DISCOLOURED TO A NEUTRAL LIGHTNESS.		MAY1986	CFRUS* 40, 42, 1981
USA	REG	FOOD FEED	AGRIC	ARL	ARL	CLASS	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 1-7MG/KG		MAY1986	CFRUS* 40, 152, 1981

CG2275000 ARSENIC PENTOXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR	01AUG1980	MAY1982 BGBL** IS. 772, 777-779, 1980
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986 BGBL** I. S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
EEC	REG	MANUF USE	INDST	RQR	8JAN1984	APR1986 OJEC** L230, 1, 1982

CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC). IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER

CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS):

GROUP II (HIGHLY DANGEROUS): >=30G/KG (3%)

GROUP III (DANGEROUS): <30-3G/KG (<3-0.3%) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENOUS ACID AND ARSENOUS ACID AND THEIR SALTS) THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.

(BGBL I. S. 1071, 1536/2159, 1980, AND BGBL I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENOUS ACID AND THEIR SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS. (CLASSES I, II AND III EXIST) IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.

LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=500KG (OF ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS)

IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.

SUN SWE	REG	AIR SALE USE LABEL STORE CLASS	OCC	MAC	JAN1977	JUN1982 GOSTS* 12.1.005, -, 1976 APR1986 PFBEK* -, 58, 1986	
				CLV: 0.3MG/M3 (AEROSOL) THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS. ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN 'ACUTE HAZARDOUS WASTE', SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT. UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.			
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	MAY1986 CFRUS* 40(261), 358, 1981	
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	MAY1986 CFRUS* 40, 367, 1981	
USA	REG	WASTE		RQR	22JUL1981	MAY1986 CFRUS* 40(264), 455, 1981	
USA	REG	AQ	EMI	CLASS		MAY1986 CFRUS* 40(116), 33, 1981	
USA	REG	AQ	EMI	RQR RSTR		MAY1986 CFRUS* 40(117), 44, 1981	

CG3325000 ARSENIC TRIOXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	MAK	CARCINOGENIC WORKING MATERIAL. PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIOUS ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC). IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	RQR	CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS): >=30G/KG (3%) GROUP II (DANGEROUS): <30-3G/KG (<3-0.3%) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.	01AUG1980	BGBL** I.S.772, 777-779, 1980
DEU	REG	USE	RSTR	CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS): >=30G/KG (3%) GROUP II (DANGEROUS): <30-3G/KG (<3-0.3%) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN) THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIOUS ACID AND THEIR SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.	APR1986	GMBL** 11(C3191A), 173, 1985
DEU	REG	AIR	MXL	ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIOUS ACID AND THEIR SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	AIR	MXL	ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIOUS ACID AND THEIR SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.	28FEB1986	GMBL** 7, 93-143, 1986

EEC	REG	MANUF USE	INDST	CLASS RQR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=100KG (OF ARSENIC TRIOXIDE, ARSENIOS(III) ACID AND SALTS)	APR1986 OJEC** L230, 1, 1982
GBR	REG AIR	EMI	RQR	CLASS RQR	IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ARSENIC WORKS IN WHICH ARSENIOS(III) ACID IS MADE OR WHERE NITRIC ACID OR A NITRATE IS USED IN THE MANUFACTURE OF ARSENIC ACID OR AN ARSENATE AND WORKS IN WHICH ANY VOLATILE COMPOUND IS EVOLVED IN ANY MANUFACTURING PROCESS AND WORKS IN WHICH ARSENIC IS MADE.	APR1986 GBRsI* 943, -, 1983
JPN	REC AIR	OCC	MAC	MAC	VALUES ARE: TWA CLV: 0.3MG/M3 (AEROSOL)	JUL1986 SAICLB 27, 195-219, 1985
SUN	REG AIR	OCC	MAC	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE.	JUN1982 GOSTS* 12.1.005, -, 1976
SWE	REG CLASS	OCC	TLV	CLASS	IN ARSENIC TRIOXIDE PRODUCTION, SUSPECTED OF	OCT1984 STNAF* 1983:6, 1, 1983
USA	REC AIR	OCC	PRO	TLV	IN ARSENIC TRIOXIDE PRODUCTION, SUSPECTED OF CARCINOGENIC POTENTIAL FOR MAN.	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG GOODS USE	GOODS USE	PRO	PRO	FIREWORK DEVICES (EXCEPT FIRECRACKERS) NOT OTHERWISE BANNED AS A HAZARDOUS SUBSTANCE MUST NOT CONTAIN ARSENITES AND MUST CONFORM TO OTHER APPLICATION REQUIREMENTS. ALL SUCH DEVICES NOT CONFORMING TO THE REQUIREMENTS ARE BANNED AS HAZARDOUS SUBSTANCES AND PROHIBITED FROM INTERSTATE COMMERCE.	APR1986 CFRUS* 16(1507), 374, 1982
USA	REG GOODS USE	GOODS USE	PRO	PRO	FIREWORK DEVICES (EXCEPT FIRECRACKERS) NOT OTHERWISE BANNED AS A HAZARDOUS SUBSTANCE MUST NOT CONTAIN ARSENITES AND MUST CONFORM TO OTHER APPLICATION REQUIREMENTS. ALL SUCH DEVICES NOT CONFORMING TO THE REQUIREMENTS ARE BANNED AS HAZARDOUS SUBSTANCES AND PROHIBITED FROM INTERSTATE COMMERCE.	APR1986 CFRUS* 16(1507), 374, 1982
USA	REG WASTE	WASTE	CLASS RSTR RQR	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	19NOV1980 MAY1986 CFRUS* 40(261), 358, 1981
USA	REG WASTE	WASTE	RQR	RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN ACUTE HAZARDOUS WASTE, SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980 MAY1986 CFRUS* 40, 367, 1981
USA	REG WASTE	WASTE	RQR	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981 MAY1986 CFRUS* 40(264), 455, 1981
USA	REG AQ	EMI	CLASS	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1986 CFRUS* 40(116), 33, 1981

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USA

REG AQ

EMI

RQR
RSTR

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

MAY1986 CFRUS* 40(117),44,1981

003-14000 200-100-1000-00

CG3675000 SODIUM ARSENITE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR AQ SOIL SED	IMI RQR RQR RQR RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER	01AUG1980	MAY1982	BGBL** IS.772,777-779, 1980
DEU	REG	USE	OCC RSTR	CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS); GROUP II (HIGHLY DANGEROUS); >=30G/KG (3%) GROUP III (DANGEROUS); <30-3G/KG (<3-0.3%) (APPLIES TO ARSENIC TRIOXIDE AND PENTOXIDE, ARSENIC ACID AND ARSENIOUS ACID AND THEIR SALTS) THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140, 1982
DEU	REC	AIR	OCC MAK	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIOUS ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=100KG (OF ARSENIC TRIOXIDE, ARSENIOUS(III) ACID AND SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.		JAN1986	DFSK** XXI,16, 1985
EEC	REG	MANUF USE	INDST RQR	CLASS RQR	8JAN1984	APR1986	OJEC** L230,1, 1982
SWE USA USA	REG REG REG	CLASS AQ HUMAN	EMI FOOD AGRIC	CLASS HARMQ LIMITS	23NOV1983	OCT1984 NOV1979 NOV1979	STNAF# 1983:6,1, 1983 FEREAC 43,10489, 1978 FEREAC 38,14829, 1973
USA USA	REG REG	CLASS AQ	EMI	HAZARDOUS SUBSTANCE THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	12JUN1978	NOV1979 MAY1986	FEREAC 43,10489, 1978 CFRUS* 40(116),33, 1981

CG6475000 ARSINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	TWA: 0.1MG/M3; CLV: 0.2MG/M3	MCH1985	AUG1985	HPMZC** 58,-,1985
CSK	REG	AIR	OCC	CLASS DANGEROUS POISONOUS SUBSTANCE.	JUL1967	MAY1982	SZCSR** 22,217,1967
DEU	REG	AIR	OCC	8H-TWA: 0.2MG/M3 (0.05PPM); 30M1-STEL: 1.0MG/M3 (0.25PPM) AVERAGE VALUE, 2X/SHIFT).	JAN1986	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	01AUG1980	MAY1982	BGBL** IS.772.777-779, 1980
DEU	REG	AQ	IMI	IN AIR EMISSIONS THE TOTAL CONC. OF VAPOROUS OR GASEOUS ARSENIC HYDRIDE, CHLOROCYAN, PHOSGENE, AND HYDROGEN PHOSPHIDE (I.E. THE CLASS 1 OF VAPOROUS OR GASEOUS INORGANIC COMPOUNDS) MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 10G/H OR MORE FOR EACH SUBSTANCE.	APR1986		GMBL** 11(G3191A), 173, 1985
DEU	REG	SOIL	IMI	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).			
DEU	REG	SED	IMI	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.			
DEU	REG	TRNSP	IMI	IN AIR EMISSIONS THE TOTAL CONC. OF VAPOROUS OR GASEOUS ARSENIC HYDRIDE, CHLOROCYAN, PHOSGENE, AND HYDROGEN PHOSPHIDE (I.E. THE CLASS 1 OF VAPOROUS OR GASEOUS INORGANIC COMPOUNDS) MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 10G/H OR MORE FOR EACH SUBSTANCE.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	MANUF USE	INDST RQR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=10KG	APR1986	OJEC**	L230, 1, 1982
GBR	REC	AIR	OCC	IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.	OCT1985		GNHSE** EH40/85, 1, 1985
JPN	REC	AIR	OCC	8H-TWA: 0.2MG/M3 (0.05PPM)	JUL1986		SAICLB 27, 195-219, 1985
SUN	REG	AIR	OCC	0.2MG/M3 (0.05PPM)	JAN1977	JUN1982	GOSTS** 12.1.005,-, 1976
SUN	REG	AIR	AMB I	VALUES ARE: TWA	AUG1984	SEP1985	PKAV** 3086-84,-, 1984
SWE	REG	AIR	OCC	CLV: 0.1MG/M3 (VAPOUR)	01JAN1985	JAN1985	AFS*** 1984:5, 10, 1984
USA	REG	AIR	OCC	1D-TWA: 0.05MG/M3 (0.02PPM)	SEP1985	SEP1985	ACGIH** 1984-85, 9, 1984
USA	REG	AIR	OCC	TWA: 0.2 MG/M3 (0.05 PPM)	APR1986		CFRUS** 29(1910), 673, 1981
USA	REG	AIR	PEL	TWA : 0.2 MG/M3 (0.05 PPM)			

CH7525000 HYDROXYDIMETHYLARSINE OXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	19NOV1980	MAY1986 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986 CFRUS* 40(261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981	MAY1986 CFRUS* 40(264), 455, 1981
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.7-2.8MG/KG (EXPRESSED AS AS203)		MAY1986 CFRUS* 40, 152, 1981

C16475000 ASBESTOS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985 HPMZC* 58.-, 1985
CSK	REG	USE LABEL PACK	OCC	RQR RSTR	1APR1985	AUG1985 HPMZC* 56.-, 1984
DEU	REC	AIR	OCC	TRK	1JUL1982	JAN1986 DFK** XXI, 66, 1985
DEU	REC	AIR	OCC	MAK		JAN1986 DFK** XXI, 16, 1985
DEU	REG	USE	OCC	RSTR	1OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	OCC		RQR	1OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR		MAY1982 BGBL** I.S.772, 777-779, 1980

TWA: 4.0MG/M3 (APPLIES TO DUST CONTAINING <10% ASBESTOS)
TWA: 2.0MG/M3 (APPLIES TO DUST CONTAINING >10% ASBESTOS)

CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THIS SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED. (APPLIES TO MINING, PRODUCTION AND PROCESSING OF ASBESTOS AND ITS PRODUCTS)

FOR FINE DUST CONTAINING >2.5% (BY WEIGHT) OF ASBESTOS:

1) FOR CHRYSOTILE, AMOSITE, ANTHOPHYLLITE, TREMOLITE AND ACTINOLITE: 1Y-TWA: 0.05MG/M3 OR 1000000 FIBERS/M3;
2) FOR CROCIDOLITE: 1Y-TWA: 0.025MG/M3 OR 500 000 FIBERS/M3; (FIBERS = LENGTH >5UM AND DIAMETER <3UM AND LENGTH: DIAMETER >3:1).
FOR FINE DUST CONTAINING <=2.5% (BY WEIGHT) ASBESTOS: 1Y-TWA: 2.0MG/M3
(FINE DUST = DUST PARTICLES WHICH ARE ABLE TO REACH THE ALVEOLAR AREA OF THE LUNG).

ASBESTOS AS FINE DUST AND ASBESTOS-CONTAINING FINE DUST ARE LISTED AS CARCINOGENIC WORKING MATERIALS -- PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (CIGARETTE SMOKERS BEAR AN INCREASED RISK OF BRONCHIAL CANCER).

CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP III (DANGEROUS): <10.0-1.0 G/KG (1.0-0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THIS MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW.

(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIMES PERIODS IS OBLIGATORY.
(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.

DEU 28FEB1986 JUN1986 CMBL** 7, 93-143, 1986

FINE ASBESTOS DUST IS INCLUDED IN THE CLASS I CARINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS I CARCINOGENS MAY NOT EXCEED 0.1MG/M3 AT A MASS FLOW OF 0.5G/H OR MORE. WASTE CONTAINING OR CONTAMINATED BY ASBESTOS (DUST AND FIBRES) IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).
(EEC-COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 ,31,1984 - AS AMENDED BY THE REFERENCE GIVEN)

EEC
REG WASTE
EXPRT
IMPRT
RQR
RQR
RQR
EMI
MXL

01OCT1985 MCH1986 OJEC** L272,1-20, 1985

WASTE CONTAINING OR CONTAMINATED BY ASBESTOS (DUST AND FIBRES) IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL:
1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THESE PLANS PUBLIC.
PROHIBITION OF APPLICATION OF ASBESTOS BY MEANS OF SPRAYING. MEASURES FOR KEEPING THE EXPOSURE OF WORKERS AS LOW AS REASONABLY PRACTICABLE ARE RECOMMENDED. EXPOSURE SHALL IN ANY CASE BE KEPT BELOW THE FOLLOWING LIMIT VALUES

EEC
REG WASTE
RSTR
CLASS

31MCH1980 FEB1986 OJEC** L84, 43-48, 1978

EEC
REG WASTE
OCC
OCC
OCC
RSTR

01JAN1987 APR1986 OJEC** L263,25, 1983

EEC
REG AIR
OCC
OCC
OCC
RSTR

(FOR 8-HOUR REFERENCE PERIODS): A) FOR ASBESTOS OTHER THAN CROCIDOLITE: 1.00 FIBRES/CM3; B) FOR CROCIDOLITE: 0.50 FIBRES/CM3; C) FOR MIXTURES OF CROCIDOLITE AND OTHER ASBESTOS TYPES THE VALUE SHOULD BE CALCULATED ON BASIS OF A) AND B) TAKING THE PROPORTION OF CROCIDOLITE INTO ACCOUNT. IN CASE THE LIMIT VALUES MIGHT BE EXCEEDED, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS MUST BE TAKEN, IN PARTICULAR THEY MUST WEAR PERSONAL PROTECTIVE (INCLUDING RESPIRATORY) EQUIPMENT; AND WARNING SIGNS INDICATING THAT THE LIMIT VALUES MIGHT BE EXCEEDED MUST BE PUT UP. ASBESTOS AND ASBESTOS-CONTAINING PRODUCTS SHOULD BE REMOVED AS FAR AS REASONABLY PRACTICABLE BEFORE ANY DEMOLITION WORK. THE WORKERS AND THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, THE EXISTENCE OF LIMIT VALUES, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN. SPECIFIC REQUIREMENTS APPLY IF THE LEVEL OF ASBESTOS (FOR AN 8-HOUR REFERENCE PERIOD) IS ≥ 0.25 FIBRES/CM3 AND/OR THE CUMULATIVE DOSE IS ≥ 15.00 FIBRES/DAY. THESE REQUIREMENTS INCLUDE: NOTIFICATION TO THE COMPETENT AUTHORITY; MONITORING; PROTECTIVE AND HYGIENIC MEASURES; MEDICAL SURVEILLANCE; RECORDKEEPING (FOR 30 YEAR S).

IN CASE OF EXPOSURE TO ASBESTOS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DAN GERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL) LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE.

MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORIZATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF DUST; ASBESTOS (SUSPENDED PARTICULATES AND FIBRES); GLASS AND MINERAL FIBRES. NO TOLERABLE INTAKE ESTABLISHED. (UNEQUIVOCAL EXPERIMENTAL EVIDENCE THAT INGESTED ASBESTOS FIBRES CAN PRODUCE CANCER IS LACKING. MONITORING FOR THE PRESENCE OF ASBESTOS IN FOOD IS NOT FEASIBLE AT PRESENT).

REFERENCE IS MADE TO GUIDANCE NOTE EH10, WHICH STATES THAT: EXPOSURE TO ALL FORMS OF ASBESTOS SHOULD BE REDUCED TO THE MINIMUM REASONABLY PRACTICABLE, AND SHOULD IN ANY CASE NEVER EXCEED, FOR DUST CONTAINING CROCIDOLITE OR AMOSITE: 0.2 FIBRES/ML (DURING A 4-HOUR PERIOD) AND FOR DUST CONTAINING OTHER TYPES OF ASBESTOS: 0.5 FIBRES/ML (DURING A 4-HOUR PERIOD). (GUIDANCE NOTE EH37 (1984) CONTAINS INFORMATION ON WORK WITH ASBESTOS INSULATING BOARD. GUIDANCE NOTE EH41 (1985) CONTAINS INFORMATION ON PROTECTIVE RESPIRATORY EQUIPMENT FOR USE WITH ASBESTOS).

03DEC1983 APR1986 OJEC** L327, 8, 1980

EEC REG OCC RSTR RQR

EEC REG AIR EMI RSTR 30JUN1987 APR1986 OJEC** L188, 20, 1984

FAO/WHO REC HUMAN FOOD AMI DEC1982 WHOTAC 631, 35, 1978

GBR REC AIR OCC CNTRL OCT1985 GNHSE* EH40/85, 1, 1985

01JAN1986 JUL1985 GBRSI* 910, 1, 1985

GBR REG USE INDST PRO

PROHIBITION OF ASBESTOS SPRAYING (= THE APPLI
CATION BY SPRAYING OF ANY MATERIAL CONTAINING
ASBESTOS TO FORM A SURFACE COATING, NOT INCL
UDED IS THE APPLICATION BY SPRAYING OF ANY BI
TUMINOUS COMPOSITION CONTAINING LESS THAN 10%
BY WEIGHT OF ASBESTOS TO MOTOR VEHICLES FOR
THE PURPOSE OF UNDERSEALING). PROHIBITION OF
ASBESTOS INSULATION (= MATERIALS CONTAINING A
SBSSTOS AND USED FOR THERMAL INSULATION OR AC
OUSTIC INSULATION, EXCEPT ASBESTOS CEMENT OR
ASBESTOS INSULATING BOARD; ANY ARTICLE OF BI
TUMEN, PLASTIC, RESIN OR RUBBER; AND FILM, FO
IL, RESIN OR RUBBER COATED ASBESTOS TEXTILES,
PRIMARILY USED FOR FIRE PROTECTION), 'ASBESTO
S' MEANS CROCIDOLITE, AMOSITE, CHRYSOTILE, FI
BROUS ACTINOLITE, FIBROUS ANTHOPHYLLITE, FIBRO
US TREMOLITE AND ANY MIXTURE CONTAINING ANY O
F THOSE MINERALS.

01JAN1986 JUL1985 GBRSI* 910, 1, 1985

GBR REG IMPRT OCC PRO

PROHIBITION OF THE IMPORTATION OF CRUDE, FIBR
E, FLAKE, POWDER OR WASTE CROCIDOLITE OR AMOS
ITE. PROHIBITION OF THE SUPPLY OF CROCIDOLITE
AND AMOSITE AND PRODUCTS CONTAINING THOSE MIN
ERALS FOR USE AT WORK. PROHIBITION OF THE USE
OF CROCIDOLITE AND AMOSITE AND PRODUCTS CONTA
INING THOSE MINERALS IN THE MANUFACTURE OR
REPAIR OF OTHER PRODUCTS AND AT WORK (EXCEPT
FOR PRODUCTS WHICH WERE IN USE BEFORE 1ST JAN
UARY 1986 OR ACTIVITIES IN CONNECTION WITH
THE DISPOSAL OF SUCH PRODUCTS)

16MCH1981 JAN1986 GBRSI* 1709, 1, 1980

GBR REG WASTE RQR

ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPOR
TS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A
CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES
- CONSIDERED AS SPECIAL WASTE IS ANY CONTROLL
ED WASTE WHICH CONSISTS OF OR CONTAINS THIS S
UBSTANCE AND BY REASON OF THE PRESENCE OF THE
SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASH
POINT OF <=21C. APPLIES TO CONTROLLED WASTE
CONSISTING OF OR CONTAINING ASBESTOS.

5AUG1983 APR1986 GBRSI* 943, -, 1983

GBR REG AIR EMI RQR

PROVISIONS HAVE BEEN MADE WITH A VIEW TO
CONTROLLING THE EMISSION INTO THE ATMOSPHERE
OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM ASBES
TOS WORKS IN WHICH A) RAW ASBESTOS IS MILLED,
GROUND, OPENED OR BLENDED PRIOR TO USE IN A
MANUFACTURING OPERATION; OR

B) ASBESTOS IS USED IN THE MANUFACTURE OF:

- I) ASBESTOS CEMENT; OR
- II) ASBESTOS CEMENT PIPES; OR
- III) ASBESTOS INSULATING BOARD; OR
- IV) ASBESTOS TEXTILES; OR
- V) ASBESTOS JOINTING OR PACKING MATERIALS; OR
- VI) ASBESTOS BRAKE OR CLUTCH MATERIALS; OR
- VII) ASBESTOS FLOOR COVERINGS; OR
- VIII) FILLERS OR REINFORCEMENTS; OR

C) CROCIDOLITE IS STRIPPED FROM RAILWAY VEHIC
LES OTHER THAN AS PART OF REPAIR OR MAINTENAN
CE OR DURING VEHICLE RECOVERY AFTER AN ACCIDE
NT; OR D) RAILWAY VEHICLES CONTAINING CROCIDO
LITE ARE DESTROYED BY BURNING AT PURPOSE BUIL
T INSTALLATIONS.

5AUG1983 APR1986 GBRSI* 943, 1, 1983

GBR REG AIR EMI RQR

IT SHALL BE THE DUTY OF THE PERSON HAVING CON
TROL OF ANY PREMISES OF A CLASS PRESCRIBED
ELSEWHERE UNDER THIS REFERENCE TO USE THE BES
T PRACTICABLE MEANS FOR PREVENTING THE EMISSI
ON INTO THE ATMOSPHERE FROM THE PREMISES OF
NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS
ASBESTOS AND FOR RENDERING HARMLESS AND
INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMIT
TED.

GBR APR1986 GBRSI* 1649, 1, 1983

1AUG1984

AN EMPLOYER OR SELF-EMPLOYED PERSON WHO UNDER TAKES WORK WITH ASBESTOS INSULATION OR ASBESTOS COATING MAY ONLY DO SO IN ACCORDANCE WITH A LICENSE ISSUED TO HIM BY THE HEALTH AND SAFETY EXECUTIVE. THE EXECUTIVE MAY IMPOSE CONDITIONS IN ANY LICENSE IT ISSUES AND MAY REFUSE TO ISSUE A LICENSE. AN EMPLOYER IS REQUIRED TO ENSURE THAT EMPLOYEES ARE MEDICALLY EXAMINED BEFORE THEY FIRST WORK WITH ASBESTOS INSULATION OR ASBESTOS COATING AND AGAIN EVERY 2 YEARS SO LONG AS THEY CONTINUE SUCH WORK. "ASBESTOS" MEANS CROCIDOLITE, AMOSITE, CHRYSOTILE, FIBROUS ACTINOLITE, FIBROUS ANTHOPHYLLITE, FIBROUS TREMOLITE AND ANY MIXTURE CONTAINING ANY OF THOSE MINERALS.

SPE1982 IMCOC* 4, 10003, 1977

HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES.

PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER (APPLIES TO BLUE ASBESTOS).
III = SUBSTANCE PRESENTING MINOR DANGER (APPLIES TO WHITE ASBESTOS).

VALUES ARE: TWA

ASBESTOS CONTENT ABOVE 10%
CLV: 2.0MG/M3 (AEROSOL) (APPLIES TO DUST WITH IN OR OVER 15MIN (APPLIES TO FIBRES > 5UM)
CLV: 4.0MG/M3 (AEROSOL) (APPLIES TO DUST WITH ASBESTOS CONTENT BELOW 10%)
TD-TWA: 0.5 FIBER/ML OF ALL ASBESTOS FORMS EXCEPT CROCIDOLITE. CARCINOGENIC

ASBESTOS AND MATERIALS CONTAINING ASBESTOS MAY NOT BE USED. SOME EXCEPTIONS ARE LISTED (THE EXCEPTIONS DO NOT APPLY TO CROCIDOLITE AND MATERIALS CONTAINING CROCIDOLITE). E.G. IT MAY BE USED AFTER THE NATIONAL BOARD OF OCCUPATIONAL SAFETY HAS GIVEN ITS PERMISSION. (PERMISSION IS GIVEN ONLY WHEN IT IS NOT POSSIBLE TO USE A LESS HARMFUL SUBSTANCE, AND WHEN PRECAUTIONS ARE TAKEN AGAINST SPREADING DUST CONTAINING ASBESTOS). BRAKE LININGS AND OTHER FRICTION MATERIALS WHICH CONTAIN ASBESTOS MAY BE USED AS LONG AS THERE ARE NO OTHER LESSE HARMFUL PRODUCTS AVAILABLE. OTHER TECHNICAL DEVICES WHICH CONTAIN ASBESTOS MAY BE USED IF SPREADING OF DUST CONTAINING ASBESTOS IS PREVENTED. BEFORE ANY DESTRUCTION OR REPAIR OF BUILDINGS OR TECHNICAL DEVICES INVOLVING ASBESTOS PERMISSION MUST BE OBTAINED FROM THE "WORK INSPECTORATE".

THE WORKING PLACE MUST BE SHIELDED AND MARKED WITH WARNING SIGNS: "DESTRUCTION - ASBESTOS - ACCESS PROHIBITED FOR UNAUTHORIZED PERSONS". PROTECTIVE AND SANITARY EQUIPMENT FOR THE WORKERS IS LISTED. PACKAGINGS WHICH CONTAIN ASBESTOS OR MATERIALS CONTAINING ASBESTOS SHALL BE LABELLED: "THE DUST IS DANGEROUS WHEN INHALED. CONTAINS ASBESTOS".

INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.

RQR

USE OCC

REG

GBR

IMO REC TRNSP LABEL PACK

IMO

JPN REC CLASS

OCC

REC

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CLASS

LABEL

REC

SWE

JUL1986 SAIGLB 27, 195-219, 1985

JUL1986 SAIGLB 27, 195-219, 1985

JUN1982 GOSTS* 12.1.005, -, 1976

AUG1985 PDKAD* 2935-83, -, 1983

OCT1984 STNAF* 1983:6, 1, 1983

O1JAN1985 AFS*** 1984:5, 10, 1984

1APR1986 JUN1986 AFS*** 1986:2, 1, 1986

28FEB1986 JUN1986 STNAF* 1985:7(PK29), 1, 1985

01JAN1985 SEP1986 AFS*** 1984:6,1,1984

SWE	REG	USE	PRO	ASBESTOS AND MATERIALS CONTAINING ASBESTOS MAY NOT BE USED. SOME EXCEPTIONS ARE LISTED (THE EXCEPTIONS DO NOT APPLY TO CROCIDOLITE AND MATERIALS CONTAINING CROCIDOLITE). E.G. IT MAY BE USED AFTER THE NATIONAL BOARD OF OCCUPATIONAL SAFETY HAS GIVEN ITS PERMISSION, WHICH IS GIVEN ONLY WHEN IT IS NOT POSSIBLE TO USE A LESS HARMFUL SUBSTANCE, AND WHEN PRECAUTIONS ARE TAKEN AGAINST SPREADING DUST CONTAINING ASBESTOS. BRAKE LININGS AND OTHER FRITTING MATERIALS AS WELL AS SEALING AND SEALING MATERIALS WHICH CONTAIN ASBESTOS MAY BE USED AS LONG AS THERE ARE NO OTHER LESS HARMFUL PRODUCTS AVAILABLE. ANY DESTRUCTION AND REPAIR OF BUILDINGS OR TECHNICAL DEVICES MUST BE REPORTED TO THE WORK INSPECTORATE, AND WHEN HANDLING OF CROCIDOLITE AND CROCIDOLITE-CONTAINING MATERIALS, AUTHORIZATION MUST BE OBTAINED FROM THE WORK INSPECTORATE. CERTAIN REQUIREMENTS MUST BE MET IN THE WORKPLACE REGARDING LABELLING AND EQUIPMENT FOR WORKERS. PACKAGING MATERIALS MUST BE LABELLED WITH A WARNING AND PRECAUTION RESTRICTIONS. EXPOSURE TO ASBESTOS MAY CAUSE AN IMPAIRED LUNG FUNCTION AND MAY INCREASE THE RISK FOR LUNG CANCER, ESPECIALLY FOR SMOKERS. ASBESTOS IS ALSO ASSOCIATED WITH MESOTHELIOMAS OF THE LUNGS AND PERITONEUM. 0.5 FIBRE >5UM/CM3 AS AMOSITE; 2.0 FIBRES >5 UM/CM3 AS CHRYSOTILE; 0.2 FIBRES >5UM/CM3 AS CROCIDOLITE; 2.0 FIBRES >5UM/CM3 AS OTHER FORMS. ALL FORMS ARE RECOGNIZED HUMAN CARCINOGENS.	
USA	REC	AIR	OCC	TLV	SEP1985 ACGIH* 1984-85,9,1984
USA	REG	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983 CFRUS* 21,114,1981
USA	REG	USE GOODS	PRO	PATCHING COMPOUNDS TO WHICH ASBESTOS HAS BEEN INTENTIONALLY ADDED IN RESPIRABLE FREE FORM ARE BANNED AS HAZARDOUS PRODUCTS	16JAN1978 JUL1983 CFRUS* 16(1304),276,1982
USA	REG	AQ	EMI WASTE	CLASS MXL ASBESTOS IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET 0 R HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,52226,1982; 48,15382,1983) COMMUNITY WATER SUPPLY SYSTEMS MUST IDENTIFY WHETHER CERTAIN CONSTRUCTION MATERIALS (INCL. ASBESTOS CEMENT PIPE) ARE PRESENT IN THEIR DISTRIBUTION SYSTEMS AND REPORT TO THE STATE LABELLING REQUIREMENTS ARE SPECIFIED FOR ALL RAW MATERIALS, MIXTURES, WASTE, OR OTHER PRODUCTS CONTAINING ASBESTOS. (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE) TWA: 2 FIBERS LONGER THAN 5 UM/CM3; CLV: 10 FIBERS LONGER THAN 5 UM/CM3. SPECIFIED COMPLIANCE AND MONITORING PROCEDURES, LABELLING REQUIREMENTS (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE, AND TREMOLITE)	
USA	REG	AQ	DRINK	RQR	24DEC1976 MAY1983 CFRUS* 40,353,1981
USA	REG	LABEL OCC	RQR	ASBESTOS CEMENT PIPE) ARE PRESENT IN THEIR DISTRIBUTION SYSTEMS AND REPORT TO THE STATE LABELLING REQUIREMENTS ARE SPECIFIED FOR ALL RAW MATERIALS, MIXTURES, WASTE, OR OTHER PRODUCTS CONTAINING ASBESTOS. (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	JUN1983 CFRUS* 29 (1910),682,1981
USA	REG	AIR LABEL	PEL RQR	TWA: 2 FIBERS LONGER THAN 5 UM/CM3; CLV: 10 FIBERS LONGER THAN 5 UM/CM3. SPECIFIED COMPLIANCE AND MONITORING PROCEDURES, LABELLING REQUIREMENTS (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE, AND TREMOLITE)	APR1983 CFRUS* 29(1910),673,1981

USA	REG	USE GOODS	PRO	NON-SPRAYED FRIABLE INSULATING MATERIALS INSTALLED AFTER THE EFFECTIVE DATE MUST NOT CONTAIN ASBESTOS (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40,522,1981
USA	REG	USE	PRO	PROHIBITION AGAINST SURFACING OF ROADWAYS WITH TAILINGS OF OR WASTE CONTAINING ASBESTOS GENERATED BY SPECIFIED PROCESSES (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40,519,1981
USA	REG	AIR	RSTR RQR	PROHIBITION AGAINST VISIBLE EMISSIONS TO THE OUTSIDE AIR FROM CERTAIN MANUFACTURING AND FABRICATING OPERATIONS USING ASBESTOS, UNLESS CERTAIN AIR-CLEANING DEVICES ARE USED. REPORTING REQUIREMENTS ARE SPECIFIED (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40,519,1981
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF ASBESTOS (INCLUDING VARIETIES OF CHRYSOTILE, CROCIDOLITE, AMOSITE, ANTHOPHYLITE, TREMOLITE, ACTINOLITE) OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	40OCT1982 JUN1983 FEREAC 47,38780,1982
USA	REG	AIR	RQR	LOCAL EDUCATION AGENCIES ARE REQUIRED TO INSPECT SCHOOL BUILDINGS WITHIN THE AGENCY FOR FRIABLE MATERIALS. IF FOUND, SAMPLES MUST BE TAKEN AND ANALYZED FOR ASBESTOS (USING POLARIZED LIGHT MICROSCOPY AUGMENTED BY XRD IF NECESSARY). NOTIFICATION OF SCHOOL EMPLOYEES AND PARENT TEACHER GROUPS AND RECORDKEEPING ARE REQUIRED FOR AGENCIES WITH SCHOOL BUILDINGS CONTAINING FRIABLE MATERIALS WHICH CONTAIN MORE THAN 1% ASBESTOS BY WEIGHT. (AMENDED: FEREAC 47,38324,1982; 47,38535,1982)	28JUN1982 JUN1983 FEREAC 47,22360,1982
USA	REG	WASTE - AIR	RSTR RQR	WASTE MATERIAL CONTAINING ASBESTOS GENERATED BY CERTAIN SPECIFIED OPERATIONS MUST BE DEPOSITED AT CERTAIN SPECIFIED DISPOSAL SITES. NO VISIBLE EMISSIONS ARE ALLOWED DURING COLLECTION, PROCESSING, PACKAGING, TRANSPORTING AND DEPOSITTING, AND SUCH EMISSIONS MUST BE CONTROLLED BY TREATING WITH WATER AND SEALING IN CONTAINERS, BY PROCESSING INTO NON-FRIABLE FORM, OR BY USING SPECIFIED AIR-CLEANING DEVICES. REPORTING REQUIREMENTS ARE SPECIFIED	APR1983 CFRUS* 40,523,1981
USA	REG	WASTE - AIR	RQR RSTR	OWNERS OF INACTIVE WASTE DISPOSAL SITES WHERE ASBESTOS WAS DEPOSITED MUST ALLOW NO VISIBLE EMISSIONS TO THE OUTSIDE AIR, AND EITHER FENCE AND USE WARNING SIGNS OR COVER WITH A CERTAIN AMOUNT OF COMPACTING MATERIAL, OR COMPACTING MATERIAL AND VEGETATION. A DUST-SUPPRESSANT AGENT MUST BE USED IN INACTIVE SITES FOR TAILINGS OF ASBESTOS. REPORTING REQUIREMENTS ARE SPECIFIED	APR1983 CFRUS* 40,524,1981
USA	REG	AIR USE	RQR RSTR	MATERIALS SPRAYED ON BUILDINGS, PIPES, ETC. MUST CONTAIN LESS THAN 1% OF ASBESTOS (DWT); MATERIALS SPRAYED ON EQUIPMENT/MACHINERY AND CONTAINING MORE THAN 1% ASBESTOS ARE SUBJECT TO NOTIFICATION, AND NO VISIBLE EMISSIONS TO OUTSIDE AIR FROM THE SPRAY ARE ALLOWED. REPORTING REQUIREMENTS ARE SPECIFIED	APR1983 CFRUS* 40,522,1981

USA	REG	AIR USE	EMI OCC	RQR PRO RSTR	IN DEMOLITION/RENOVATION OPERATIONS OF COMMERCIAL BUILDINGS CONTAINING PIPES/STRUCTURES COVERED WITH ASBESTOS AS A FRIABLE MATERIAL, THE MATERIAL MUST BE ADEQUATELY WET DURING STRIPPING AND REMAINING STAGES OF THE OPERATIONS, AND IT IS PROHIBITED TO DROP OR THROW THE MATERIAL. (ALTERNATIVELY EXHAUST VENTILATION/COLLECTION SYSTEMS, FROM WHICH VISIBLE EMISSIONS ARE PROHIBITED, MAY BE PERMITTED IN SOME CASES). REPORTING REQUIREMENTS ARE SPECIFIED CONSTRUCTION PERMIT, CONTROL TECHNOLOGY, AIR QUALITY ANALYSIS, MONITORING AND OTHER REQUIREMENTS ARE SPECIFIED FOR NEW AND MODIFIED STATIONARY SOURCES EMITTING ASBESTOS IN AREAS WHERE THE CONC. MEETS THE NATIONAL AIR QUALITY STANDARD. (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS.)	APR1983 CFRUS* 40(61), 519, 1981
USA	REG	AIR	AMBI EMI	RQR	CONSTRUCTION PERMIT, CONTROL TECHNOLOGY, AIR QUALITY ANALYSIS, MONITORING AND OTHER REQUIREMENTS ARE SPECIFIED FOR NEW AND MODIFIED STATIONARY SOURCES EMITTING ASBESTOS IN AREAS WHERE THE CONC. MEETS THE NATIONAL AIR QUALITY STANDARD. (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS.)	APR1983 CFRUS* 40, 28, 1981
USA	REG	GOODS		PRO RQR	ANY GENERAL USE GARMENT CONTAINING ASBESTOS IS BANNED AS A HAZARDOUS PRODUCT BECAUSE IT POSSESSES SUCH A DEGREE OF HAZARD THAT ADEQUATE CAUTIONARY LABELLING CANNOT BE WRITTEN AND PUBLIC HEALTH CAN ONLY BE SERVED BY KEEPING IT OUT OF INTERSTATE COMMERCE (DOES NOT APPLY TO GARMENTS FOR PERSONAL PROTECTION CONSTRUCTED SO FIBERS WILL NOT BECOME AIRBORNE WITH REASONABLE USE)	JUL1983 CFRUS* 16(1500), 302, 1982
USA	REG	USE GOODS		PRO	ARTIFICIAL EMBERIZING MATERIALS (USED UNDER OR GLUED TO ARTIFICIAL LOGS FOR USE IN FIREPLACES FOR DECORATIVE PURPOSES) WHICH CONTAIN ASBESTOS IN RESPIRABLE FREE FORM ARE BANNED AS HAZARDOUS PRODUCTS	JUL1983 CFRUS* 16(1305), 280, 1982
USA	REG	AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.	MAY1983 CFRUS* 40(122), 121, 1981
USA	REG	WASTE - AIR		RQR	(AMENDED: FERAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	JUN1983 CFRUS* 29(1910), 683, 1981
USA	REG	AIR	EMI	RQR RSTR	DISPOSAL REQUIREMENTS ARE SPECIFIED FOR WASTE CONTAINERS, EQUIPMENT, CLOTHING, ETC. CONTAINING ASBESTOS IF ANY REASONABLY FORESEEABLE USE, HANDLING, STORAGE OR TRANSPORTATION MAY PRODUCE AIRBORNE CONCENTRATIONS IN EXCESS OF 2 FIBERS (>5UM)/CM3 (TWA) AND 10 FIBERS (>5UM)/CM3 (CLV) (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40, 519, 1981

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USA	REG	AIR	PEL	04NOV1983	OCT1985	FEREAC 48,51086, 1983
USA	REG	AIR	RQR	12JUL1985	OCT1985	FEREAC 50,28530, 1985
WHO	REC	AQ	DRINK GL			MCH1983 WHODW* -, 15, 1983

EMERGENCY TEMPORARY STANDARD FOR ASBESTOS:
 TWA: 0.5 FIBERS PER CUBIC CENTIMETER. (AMENDM
 ENT OF 29(1910))
 EMPLOYERS MUST REPORT TO THE REGIONAL ASBESTO
 S COORDINATOR FOR THE EPA REGION IN WHICH THE
 ASBESTOS ABATEMENT PROJECT IS LOCATED AT LEAS
 T 10 DAYS BEFORE THEY BEGIN AN ASBESTOS ABATE
 MENT PROJECT USING EMPLOYEES NOT COVERED BY
 THE OSHA ASBESTOS STANDARD OR AN ASBESTOS STA
 NDARD ADOPTED BY A STATE AS PART OF A STATE P
 LAN APPROVED BY OSHA
 NO GUIDELINE VALUE SET

C19900000 ASPHALT, PETROLEUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	APPLIES TO ASPHALT, PETROLEUM FUMES. TWA : 5 MG/M3 (FUMES), STEL : 10 MG/M3 (FUMES)	22MAY1979	MAY1985 ADECT# 351, -, 1979
DEU	REC	AIR	OCC	MAK	SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL NO MAK VALUE ESTABLISHED. (A PYROLYSIS PRODUCT OF ORGANIC MATERIALS).	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HARMFUL TO WATER (CLASS 0). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986	GMBL** 11(G3191A), 173, 1985
GBR	REC	AIR	OCC	RECL	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REC	TRNSP LABEL		CLASS RQR	8H-TWA: 5MG/M3. STEL(10MI-TWA): 10MG/M3. (APPLIES TO ASPHALT PETROLEUM FUMES).	28MCH1979	JAN1983 GBRSI* 1702, 1, 1978
USA	REG	MANUF		RQR	EMERGENCY ACTION CODE: 2W (APPLIES TO LIQUID TARS) OPERATING REGULATIONS (INCLUDING MINING METHODS, SAFETY, SANITATION, HAZARD PROTECTION, WASTE DISPOSAL, ETC.) ARE SPECIFIED FOR EXPLORATION, DEVELOPMENT AND PRODUCTION OF MINERALS INCLUDING THIS SUBSTANCE	APR1986	CFRUS* 30(231), 136, 1981

CM2625000 MOLINATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	RICE: 0.1MG/KG; PROVISIONAL TOXICITY CLASS: II, III, IV (DEPE NDING ON FORMULATION) (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SPECIFIED PLANT PRODUCTS: 0.1MG/KG OTHER PLANT PRODUCTS: 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	AUG1985	SBTAP* -, 8, 1984
DEU	REG	FOOD	MRL		JUN1986		BGBL** IS. 635, 635-643, 1984
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I-E, WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN. THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE CLV: 0.5MG/M3 (VAPOUR + AEROSOL) 0.01MG/M3 1X/D, 0.006MG/M3 AV/D (CALCULATED VALUES) 0.07MG/L SUBSTANCE IS APPROVED AS COMPONENT OF PESTICI DE MIXTURE FOR AGRICULTURAL USE. MIXING PROPO RTION, APPLICATION DOSE AND TREATMENT CONDITI ONS ARE SPECIFIED. SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICU LTURAL USE. APPLICATION DOSE, MODE AND TREATM ENT FREQUENCY IS SPECIFIED. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.2MG/KG; ADI = 0.01MG/KG (CALCULATED VALUE) 0.9MG/KG SURFACE WATER FOR FISHING: 0.0007MG/L RAW AGRICULTURAL PRODUCTS (RICE) : 0.1 MG/KG	APR1986		OJEC** L144, 1, 1984
JPN	REG	USE	AGRIC PRMT		JUN1986		JPAGR* -, -, 1983
SUN	REG	AIR	OCC		JAN1977		GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI		JUN1982		PKTV* -, -, 1978
SUN	REG	AQ	SURF		OCT1983		PKVO* 2932-83, -, 1983
SUN	REG	USE	AGRIC PRMT		JAN1982		SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT		JAN1982		SCHSB* -, -, 1982
SUN	REG	FOOD	MRL		JUN1983		MDUPP* 2823-83, -, 1983
SUN	REG	SOIL	ADI		JUN1981		ODKPP* 2402-81, -, 1981
SUN	REG	AQ	SURF		OCT1985		SCHSB* SUPPL-5, -, 1982
USA	REG	FOOD FEED	AGRIC ARL		JUN1986		CFRUS* 40, 152, 1981

CM3675000 CAPROLACTAM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR OCC	MPC	TWA : 1 MG/M3 (DUST); 20 MG/M3 (5 PPM) (VAPOU R); STEL : 3 MG/M3 (DUST); 40 MG/M3 (10 PPM) (VAPOUR)	22MAY1979	MAY1985	ADECT* 351, -, 1979
CSK	REG	FOOD GOODS	PRMT	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD.	JUL1978	AUG1984	HPMZC* 42, -, 1978
CSK	REG	AIR OCC	MAC	TWA: 5.0MG/M3, CLV: 10MG/M3 (AEROSOL); TWA: 10.0MG/M3, CLV: 20MG/M3 (VAPOUR)	MCH1985	AUG1985	HPMZC* 58, -, 1985
DEU	REC	AIR OCC	MAK	8H-TWA: 25MG/M3		JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		APR1986	GMBL** 11(G3191A), 173, 1985
GBR	REC	AIR OCC	RECL	8H-TWA: 1MG/M3 OF DUST, 20MG/M3 (5PPM) OF VAPOR. STEL(10M1-TWA): 3MG/M3 OF DUST, 40MG/M3 (10PPM) OF VAPOR		OCT1985	GNHSE* EH40/85, 1, 1985
SUN	REG	AQ SURF	MAC	1.0 MG/L	OCT1983	SEP1985	PKVO* 2932-83, -, 1983
SUN	REG	AIR OCC	MAC	CLV : 10.0 MG/M3 (AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR AMBI	MAC	0.06MG/M3, 1X/D; 0.06MG/M3, AV/D. (APPLIES TO VAPOUR AND AEROSOL).		SEP1985	PKAV* 3086-84, -, 1984
USA	REC	AIR OCC	TLV	TWA: 1MG/M3 AS DUST, 20MG/M3 (5PPM) AS FUME; STEL: 3MG/M3 AS DUST, 40MG/M3 (10PPM) AS FUME		SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE CAPROLACTAM IS RATED AS A SOMEWHAT PERSISTENT COMPOUND	10DEC1982	JUN1983	FEREAC 47, 31230, 1982

CQ8600000 BARIUM CARBONATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID; AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC**	L144, 1, 1984
GBR	REG	CLASS SALE	RSTR	POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.	1APR1982	JAN1983	GBRSI* 217, 1, 1982
GBR	REG	SALE	RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF PREPARATIONS FOR THE DESTRUCTION OF RATS OR MICE. (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077, 1, 1985
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. CLV: 0.5MG/M3 (AEROSOL) 0.004MG/M3 AV/D (CALCULATED AS BARIUM)	01AUG1971	MAY1984	INDIA* -, -, 1968
SUN	REG	AIR	MAC		JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	MAC		AUG1984	SEP1985	PDKAV* 3086-84, -, 1984

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

CQ8750000 BARIUM CHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		APR1986	GMBL** 11(G3191A), 173, 1985
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE.	23NOV1983	OCT1984	STNAF* 1983:6,1,1983

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

C09625000 BARIUM NITRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1).(THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 =HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		APR1986	GMBL** 11(G3191A),173,1985
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	OCT1984	STNAF* 1983:6,1,1983

CU4375000 BENZALDEHYDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	HUMAN FOOD	MPC	LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCT FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	OCT1978	MAY1982 HPMZC* 43, -, 1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. XN - HARMFUL, HARMFUL IF SWALLOWED (R 22). AVOID CONTACT WITH SKIN (S 24).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L.106, 18, 1982
GBR	REG	TRNSP	CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.	28MCH1979	GBRSI* 1702, 1, 1978
GBR	REG	LABEL LABEL PACK - USE OCC	RQR RQR RQR RSTR	EMERGENCY ACTION CODE: 3(Z) FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978	APR1986 GBRSI* 17, 1, 1983
SUN USA	REG REG	AIR FOOD FEED USE	OCC OCC - PRMT	CLY: 5.0MG/M3 (VAPOUR) THE SUBSTANCE WHEN USED AS BEE REPELLANT IN HARVESTING OF HONEY IS GENERALLY RECOGNIZED AS SAFE FOR USE AS A PESTICIDE FOR PURPOSES OF \$408 (A) OF THE FOOD, DRUG AND COSMETIC ACT.	JAN1977 JUN1982 APR1986	GOSTS* 12.1.005, -, 1976 CFRUS* 40(180), 159, 1981

CV3850000 CHLOROTHIAMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (ALL) 0.1 MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980. AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL PACK USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
GBR	REG	USE	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFG** -, 89, 1983
GBR	REG	USE	PRMT	HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION: 4 WEEKS		MCH1983	APFG** -, 29, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUN1986	JPAGR* -, -, 1983
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SWE	REG	SALE LABEL STORE CLASS	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		APR1986	PFBEK* -, 58, 1986

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CY9275000	BENZ(A)ANTHRACENE						
USA	REG	CLASS LABEL	RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56382, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI WASTE	POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRACENES, BENZOPYRENE, BENZOFLUORANTHENE, CHRYSENES, DIBENZANTHRACENES, AND INDENOPYRENE) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUL1983	JUL1983	CFRUS* 40(403), 8, 1981
				(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)			

USA	REG	WASTE	CLASS RSTR RQR	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
				<p>CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).</p>		
USA	REG	WASTE	RQR	APR1983	CFRUS* 40(261), 376, 1981	
				<p>WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (HP LC, GC/MS OR GC WITH FLAME-IONIZATION DETECTOR)</p>		
USA	REG	WASTE	CLASS RSTR RQR	APR1983	CFRUS* 40(261), 362, 378, 1981	
				<p>CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))</p>		

DEU	REC	AIR	OCC	MAK	CLASS	DESCRIPTION	DATE
DEU	REC	AQ STORE TRNSP		MAK	CLASS	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS (VP=10.1 KPA AT 20C) NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION). THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. THIS COMPOUND IS INCLUDED IN THE CLASS III CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. F - FLAMMABLE. T - TOXIC. HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 23/24). DANGER OF VERY SERIOUS IRRVERSIBLE EFFECTS (R 39). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING IS PROHIBITED. EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. NOT PERMITTED IN TOYS OR PARTS OF TOYS AS PLACED ON THE MARKET WHERE THE CONCENTRATION OF BENZENE IN THE FREE STATE IS IN EXCESS OF 5MG/KG OF THE WEIGHT OF THE TOY OR PART OF THE TOY.	JAN1986 DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP		MAK	CLASS	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS (VP=10.1 KPA AT 20C) NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION). THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. THIS COMPOUND IS INCLUDED IN THE CLASS III CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. F - FLAMMABLE. T - TOXIC. HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 23/24). DANGER OF VERY SERIOUS IRRVERSIBLE EFFECTS (R 39). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING IS PROHIBITED. EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. NOT PERMITTED IN TOYS OR PARTS OF TOYS AS PLACED ON THE MARKET WHERE THE CONCENTRATION OF BENZENE IN THE FREE STATE IS IN EXCESS OF 5MG/KG OF THE WEIGHT OF THE TOY OR PART OF THE TOY.	APR1986 GMBL** 11(G3191A), 173, 1985
DEU	REG	AIR	EMI	MXL		28FEB1986 GMBL** 7, 93-143, 1986	
EEC	REG	LABEL PACK		RQR		APR1986 OJEC** L. 106, 18, 1982	
EEC	REG	GOODS		PRO		JUN1986 OJEC** L149, 38, 1986	
EEC	REG	SALE USE GOODS		RSTR		JAN1983 OJEC** L339, 55, 1982	
EEC	REG	CLASS PACK LABEL SALE		RQR		JAN1984 OJEC** L213, 17, 1982	
EEC	REG	GOODS FUEL		MPC		FEB1986 OJEC** L372, 37, 1985	

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03DEC1983 APR1986 OJEC** L327, 8, 1980

IN CASE OF EXPOSURE TO THE SUBSTANCE MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL) LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE.

EEC REG OCC RSTR RQR

28MCH1979 JAN1983 GBR SI* 1702, 1, 1978

LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

GBR REG TRNSP LABEL - RQR RQR

APR1986 GBR SI* 17, 1, 1983

8H-TWA: 30MG/M3 (10PPM)

GBR REC AIR OCC RECL RQR

OCT1985 GNHSE* EH40/85, 1, 1985

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM BENZENE WORKS (NOT BEING TAR WORKS OR BITUMEN WORKS AS DEFINED ELSEWHERE UNDER THIS REFERENCE) IN WHICH A) ANY WASH OIL USED FOR THE SCRUBBING OF COAL GAS IS DISTILLED; OR B) ANY CRUDE BENZOL IS DISTILLED; OR C) BENZENE IS DISTILLED OR RECOVERED. IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESSES ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.1.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN)

GBR REG USE OCC RSTR RQR

JUN1986 GBR SI* 1973:36, 1, 1973

SEP1982 IMCOC* 4, 10003, 1977

HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.

IMO REC TRNSP LABEL - RQR RQR

DEC1982 INDS** IS:4644, -, 1968

CODE OF SAFETY INCL. HANDLING, STORAGE, EDUCATION AND TRAINING, PREVENTIVE MEASURES, PERSONAL HYGIENE, PHYSICAL EXAMINATIONS, AIR ANALYSIS, FIRST AID, TANK CLEANING AND REPAIRS, WASTE DISPOSAL.

IND REC USE STORE PACK LABEL RMY

JUL1986 SAIGLB 27, 195-219, 1985

SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENIC WORKING MATERIALS

JPN REC OCC

JUL1986 SAIGLB 27, 195-219, 1985

TWA: 32 MG/M3 (10 PPM). THE CONCENTRATIONS SHOULD ALWAYS BE KEPT BELOW 80 MG/M3 (25 PPM) HIGHER CONCENTRATIONS OF BENZENE IN RUBBER CEMENT THAN 5% BY VOLUME ARE PROHIBITED BECAUSE OF THE POSSIBILITY OF LUNG CANCER. EXPORT IS PROHIBITED.

JPN REC OCC

SEP1986 JPN IS* -, 55, 1972

0.5 MG/L SURFACE WATER FOR FISHING : 0.5 MG/L 1.5MG/M3 1X/D; 0.1MG/M3 AV/D.

JPN REC USE

SEP1985 PDKVO* 2932-83, -, 1983

CLV: 15MG/M3; TWA: 5MG/M3 (VAPOUR)

SUN REC AQ SURF

JUN1982 PDKTV* -, -, 1978

SUN REC AQ SURF

SEP1985 PDKAV* 3086-84, -, 1984

SUN REC AIR AMBI

AUG1985 PDKAD* 2935-83, -, 1983

SUN REC AIR OCC

SUN	REG	SOIL	OCC	MAC	0.3MG/KG	FEB1985	OCT1985	PKCP*	3210-85,	1985
SWE	REG	CLASS		CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	OCT1984	STNAF*	1983:6,1,1983	
SWE	REG	AIR	OCC	HLV	TWA : 16 MG/M3 (5 PPM) STEL : 30 MG/M3 (10 PP M) (SKIN ABSORPTION) CARCINOGENIC	01JAN1985	JAN1985	AFS***	1984:5,10,1984	
SWE	REG	GOODS	FUEL	MXL	'TWA' REFERS TO '1D-TWA'. 'STEL' REFERS TO 'STEL(15MIN-TWA)'. IF EXEMPTIONS ARE MADE FOR MANUFACTURE AND IMPORT OF PETROL CONTAINING MORE THAN 0.15G/L OF LEAD AND/OR MORE THAN 5% (VOL/VOL) OF BENZENE A SURTAX IS IMPOSED WHICH INCREASES WITH INCREASING CONCENTRATIONS.	1JUN1981	OCT1982	STNAF*	1981:1(PK:12,1,1981	
SWE	REG	CLASS		CLASS	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. HAZARDOUS CLASS: 3 = INFLAMMABLE LIQUID. HAZARDOUS GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	28FEB1986	JUN1986	STNAF*	1985:7(PK29),1,1985	
UN	REG	TRNSP		CLASS	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.		SEP1982	UNTDG*	- , 11, 1986	
USA	REG	FOOD		MPC	THE FOOD ADDITIVE MODIFIED HOP EXTRACT : 1MG/KG		JUN1983	CFRUS*	21, 52, 1981	
USA	REG	AIR	OCC	TLV	TWA: 30MG/M3 (10PPM); STEL: 75MG/M3 (25 PPM). INDUSTRIAL SUBSTANCE SUSPECTED OF CARCINOGENIC POTENTIAL FOR MAN: WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA.		SEP1985	ACGIH*	1984-85,9,1984	
USA	REG	FOOD		PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD		JUL1983	CFRUS*	21, 114, 1981	
USA	REG	WASTE		CLASS	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS (AMENDED FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))		APR1983	CFRUS*	40, 362/378, 1981	
USA	REG	WASTE		CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983	CFRUS*	40 (261), 368, 1981	
USA	REG	WASTE		RSTR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981	JUL1983	CFRUS*	40(264), 455, 1981	
USA	REG	FOOD	FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.		APR1983	CFRUS*	40(180.1001), 258, 1981	

USA	REG	AQ	AQ	MARIN EMI	PRO MPC	PROHIBITS OCEAN DUMPING OF MATERIALS CONTAINING THIS SUBSTANCE UNLESS IT IS PRESENT IN A CONCENTRATION BELOW ITS SOLUBILITY LIMIT IN SEAWATER	APR1983 CFRUS* 40(227), 199, 1981
USA	REG	USE	USE	OCC	RSTR	NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE SUFFICIENT QUANTITIES OF PRODUCTIVE EXPLOSIVE/IGNITABLE MIXTURES OF THE SUBSTANCE ARE PRESENT	JUN1983 CFRUS* 29(1910), 419, 1981
USA	REG	AIR USE	AIR USE	OCC OCC	RSTR	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTANCE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE FOR A SPRAY OPERATION) MUST BE SUCH AS TO DILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMICAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 1.4% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING OF EXTERIORS OF BUILDINGS, ETC.)	JUN1983 CFRUS* 29(1910), 166, 1981
USA	REG	WASTE	WASTE	CLASS	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, BENZENE IS RATED AS A SOMEWHAT PERSISTENT COMPOUND	10DEC1982 JUN1983 FEREAC 47, 31230, 1982
USA	REG	WASTE	WASTE	CLASS	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR BENZENE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 3 AND THE REACTIVITY VALUE IS 0	10DEC1982 JUN1983 FEREAC 47, 31319, 1982
USA	REG	AQ	AQ	EMI WASTE MXL	CLASS MXL	BENZENE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	GOODS PACK LABEL	GOODS PACK LABEL	RQR	RQR	(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) CHILD PROTECTION PACKAGING AND LABELLING STANDARDS ARE SPECIFIED FOR CERTAIN LIQUID SOLVENTS FOR PAINTS ETC. CONTAINING 10% (W/W) OR MORE OF THIS SUBSTANCE (EITHER ALONE OR IN COMBINATION WITH OTHER SOLVENTS) INTENDED FOR HOUSEHOLD USE	JUL1983 CFRUS* 16(1700), 577, 1982
USA	REG	CLASS LABEL GOODS	CLASS LABEL GOODS	RQR WARN	RQR WARN	ANY PRODUCT CONTAINING 5% OR MORE BY WEIGHT OF BENZENE IS A HAZARDOUS SUBSTANCE REQUIRING CERTAIN SPECIFIED CAUTIONARY LABELLING (IT PRESENTS A SPECIAL HAZARD REGARDING HARMFUL VAPOURS). (CERTAIN SPECIFIED PRODUCTS ARE EXEMPTED FROM SOME OF THE REQUIREMENTS.) (AMENDED: FEREAC 46, 27910, 1981)	JUL1983 CFRUS* 16(1500), 290, 1982

USA	REG	WASTE	CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REQUIREMENTS) UNLESS PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH PHOTO IONIZATION DETECTOR) THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	APR1983	CFRUS* 40(261), 376, 1981	
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40(116), 33, 1981	
USA	REG	AQ	EMI	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	MAY1983	CFRUS* 40(117), 44, 1981	
USA	REG	AQ	EMI	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	AIR	OCC	TWA: 10PPM (32 MG/M3); CLV: 25 PPM (80 MG/M3) (ACCEPTABLE), 50 PPM (160 MG/M3) (MAXIMUM 10 MIN), SKIN ABSORPTION	APR1983	CFRUS* 29(1910), 673, 1981	
USA	REG	USE	OCC	NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE THE SUBSTANCE IS PRESENT IN SUFFICIENT QUANTITIES TO PRODUCE EXPLOSIVE/IGNITABLE MIXTURES.	APR1986	CFRUS* 29(1910), 419, 1981	
WHO	REC	AQ	DRINK	GL	MCH1983	WHODW* -, 17, 1983	

CZ0175000 CHLOROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	MAY1985	ADECT* 351, -, 1979
BRA	REG	AIR	OCC	AL	AUG1982	SMTBR* 3, -, 1980
CSK	REG	AIR	OCC	MAC	AUG1985	HPMZC* 58, -, 1985
DEU	REG	AIR	EMI	MXL	JUN1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	10CT1980	JUN1986 BGBL** 1. S. 140, 140, 1982
DEU	REG	LABEL PACK USE	OCC	RQR RQR RSTR	10CT1980	JUN1986 BGBL** 1. S. 140, 140, 1982
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	APR1986	OJEC** L. 106, 18, 1982

TWA : 350 MG/M3 (75 PPM), STEL : 350 MG/M3 (7 48H/WK) (HAZARDOUS DE 5 PPM)
 275 MG/M3 (59 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)
 TWA: 200.0MG/M3; CLV: 800MG/M3
 THIS COMPOUND BELONGS TO CLASS II.
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
 CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
 CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
 CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
 IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).
 HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS I, IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID, THIS SOLVENT IS CLASSIFIED IN CLASS IIA.
 (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 8H-TWA: 230MG/M3 (50PPM); 30MI-STEL: 460MG/M3 (100PPM) AVERAGE VALUE, 4X/SHIFT. (VP=1.2KPA AT 20C). THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT.
 THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).
 IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.
 XN - HARMFUL, FLAMMABLE (R 10). HARMFUL BY INHALATION (R 20). AVOID CONTACT WITH SKIN AND EYES (S 24/25).

USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRES IDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FAC ILITIES IN THE USA WARRANTING THE HIGHEST PRI ORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHE D A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RIS K OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE CHLOROBENZE NE IS RATED AS A PERSISTENT COMPOUND MANUFACTURERS AND PROCESSORS OF MONO- AND DIC HLOROBENZENES OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UN PUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTU RE WITHIN THE SPECIFIED TIME PERIOD. REQUIREM ENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR T O 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED IN ACCORDANCE WITH THE LAW REQUIRING THE PRES IDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FAC ILITIES IN THE USA WARRANTING THE HIGHEST PRI ORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHE D A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE R ISK OR DANGER IS THE CHARACTERISTICS OF WASTE S IN A GIVEN FACILITY. FOR EXAMPLE, FOR CHLOR OBENEZENE THE TOXICITY VALUE IS 2, THE PERSIS TENCE VALUE IS 2, THE IGNITABILITY VALUE IS 3 AND THE REACTIVITY VALUE IS 0 CHLORINATED BENZENES ARE AMONG OTHERS CLASSIF IED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQU IRED TO SET OR HAS SET EFFLUENT LIMITATIONS A ND PRETREATMENT STANDARDS FOR 21 MAJOR INDUST RIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL AR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258 , 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260 , 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382 , 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290 , 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598 , 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176 , 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848 , 1982; 47, 52226, 1982; 48, 15382, 1983) THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR AGE AND DISPOSAL REGULATION AND PERMIT AND NO TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU IDANCE). THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED , WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH HALIDE SPECIFIC OR PHOTO IONIZ ATION DETECTOR) THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.	10DEC1982 JUN1983 FEREAC 47, 31230, 1982
USA	REG	MANUF	RQR		40OCT1982 JUN1983 FEREAC 47, 38780, 1982
USA	REG	WASTE	CLASS		10DEC1982 JUN1983 FEREAC 47, 31319, 1982
USA	REG	AQ	EMI WASTE MXL		JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR		APR1983 CFRUS* 40(261), 376, 1981
USA	REG	AQ	EMI		MAY1983 CFRUS* 40(116), 33, 1981

USA	REG	AQ	EMI	RQR	RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(117),44,1981
USA	REG	WASTE		CLASS RSTR RQR		CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED : FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM) ; 48,11157,1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261),362,378,1981
WHO	REG	AQ	DRINK GL			NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHLOROBENZENES. (ODOUR THRESHOLD CONCENTRATION BETWEEN 0.1-3 UG/L)	MCH1983 WHODW* -,17,1983

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

CZ4550000 P-DICHLOROBENZENE

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7,93-143,1986
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 450MG/M3 (75PPM); 30MI-STEL: 900MG/M3 (150PPM) AVERAGE VALUE, 4X/SHIFT. THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT. XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). KEEP OUT OF REACH OF CHILDREN (S.2). AVOID CONTACT WITH SKIN AND EYES (R 24/25). IN CASE OF EXPOSURE TO CHLORINATED HYDROCARBONS (CHLOROFORM, P-DICHLOROBENZENE, CARBON TETRACHLORIDE) MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL) LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. 8H-TWA: 450MG/M3 (75PPM). STEL(10MI-TWA): 675 MG/M3 (110PPM) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. 300 MG/M3 (50 PPM) VALUES ARE: TWA 0.035MG/M3 1X/D.	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	AIR	OCC	MAK		JAN1986	DFSK** XXI,16,1985
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106,18,1982
EEC	REG	OCC	RSTR RQR			03DEC1983	APR1986 OJEC** L327,8,1980
GBR	REG	AIR	OCC	RECL		OCT1985	GNHSE* EH40/85,1,1985
GBR	REG	LABEL - PACK -	RQR RQR			APR1986	GBRSI* 17,1,1983
IMO	REG	TRNSP MARIN LABEL PACK				SEP1982	IMCOC* 4,10003,1977
JPN	REG	AIR	OCC	MAC		JUL1986	SAIGLB 27,195-219,1985
SUN	REG	AIR	AMBI	PSL		SEP1985	OBUAV* 2947-83,-,1983

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USA	REG	WASTE	CLASS	10DEC1982	JUN1983	FEREAC 47, 31230, 1982
USA <td>REG</td> <td>WASTE</td> <td>RQR</td> <td>40CT1982</td> <td>JUN1983</td> <td>FEREAC 47, 38780, 1982</td>	REG	WASTE	RQR	40CT1982	JUN1983	FEREAC 47, 38780, 1982
USA <td>REG</td> <td>WASTE</td> <td>RSTR</td> <td>19NOV1980</td> <td>JUL1983</td> <td>CFRUS* 40 (261), 368, 1981</td>	REG	WASTE	RSTR	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA <td>REG</td> <td>AQ</td> <td>EMI</td> <td>MAY1983</td> <td>CFRUS* 40</td> <td>(117), 44, 1981</td>	REG	AQ	EMI	MAY1983	CFRUS* 40	(117), 44, 1981
USA <td>REG</td> <td>WASTE</td> <td>RQR</td> <td>APR1983</td> <td>CFRUS* 40</td> <td>(261), 376, 1981</td>	REG	WASTE	RQR	APR1983	CFRUS* 40	(261), 376, 1981
USA <td>REG</td> <td>AQ</td> <td>EMI</td> <td>MAY1983</td> <td>CFRUS* 40</td> <td>(116), 33, 1981</td>	REG	AQ	EMI	MAY1983	CFRUS* 40	(116), 33, 1981
USA	REG	AIR	WASTE	JUN1974	CFRUS* 29	(1910), 673, 1981
USA	REG	WASTE	RQR	APR1983	CFRUS* 40	(261), 362, 378, 1981
WHO	REC	AQ	DRINK GL		MCH1983	WHODM* -, 17, 1983

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE 1,4-DICHLOROBENZENE IS RATED AS A HIGHLY PERSISTENT COMPOUND.

MANUFACTURERS AND PROCESSORS OF MONO- AND DICHLOROBENZENES OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 01 JAN 1980). CERTAIN STUDIES ARE EXEMPTED FROM THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 45.4 KG (OF DICHLOROBENZENE) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC PHOTO IONIZATION, OR ELECTRON CAPTURE DETECTOR)

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

TWA: 450 MG/M3 (75PPM)

CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHLOROBENZENES. (ODOUR THRESHOLD CONCENTRATION BETWEEN 0.1-3 UG/L)

CZ6300000 TOLUENE 2,4-DIISOCYANATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK DEU	REG REG	AIR LABEL	MAC RQR	TWA: 0.07MG/M3; CLV: 0.14MG/M3 PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING INKS, COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >30 G MONOMERIC ISOCYANATE/KG TOTAL ISOCYANATE (3.0%), AND AS HARMFUL WHEN IT IS 7.0-30.0 G MONOMERIC ISOCYANATE/KG TOTAL ISOCYANATE. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	MCH1985 10CT1980	HPMCMZC* 58 - 1985 BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980	BGBL** I.S.140,140,1982
DEU	REC	AIR	OCC	8H-TWA: 0.07MG/M3 (0.01PPM); 5MI-STEL: 0.14MG /M3 (0.02PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT. (SENSITIZATION). THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. T - TOXIC. VERY TOXIC BY INHALATION. IF CONTACT WITH EYE, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 26,36/37 /38). MAY CAUSE SENSITISATION BY INHALATION (R 42). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER)(S 28). IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE)(S 45). (ALSO APPLIES TO MIXTURE OF ISOMERS). PREPARATIONS (PAINTS, VARNISHES, ETC.) THAT CONTAIN 2,4-AND 2,6-DI-ISOCYANATOTOLUENE AT CONCENTRATIONS > 2.0% SHALL BE CONSIDERED AS TOXIC AND A MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, LABELS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.	JAN1986 28FEB1986	DFSK** XXI,16,1985 GMBL** 7,93-143,1986
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		APR1986	OJEC** L147,11,1983

GBR	REG	LABEL - PACK - AIR -	RQR CNTRL CLASS RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
GBR	REC	OCC	RQR	8H-TWA: 0.02MG/M3 . STEL(10M1-TWA): 0.07MG/M3 (APPLIES TO ALL ISOCYANATES, AS NCO). LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2XE	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL	CLASS RQR	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
IMO	REC	MARIN CLASS LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR OCC	MAC	0.14 MG/M3 (0.02 PPM) VALUES ARE: TWA	JUL1986	SAIGLB 27, 195-219, 1985
SUN	REG	AIR OCC	MAC	TLV : 0.05 MG/M3 (VAPOUR)	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR AMBI	MAC	0.05 MG/M3 1X/D; 0.02 MG/M3 AV/D.	AUG1984	PKAV* 3086-84, -, 1984
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	STNAF* 1983: 6, 1, 1983
SWE	REG	AIR OCC	HLV	1D-TWA: 0.04MG/M3 (0.005PPM). CLV: 0.07MG/M3 (0.01PPM). SENSITIZATION.	01JAN1985	AFS*** 1984: 5, 10, 1984
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	UNTDG* -, 11, 1986
USA	REC	AIR OCC	TLV	TWA: 0.04MG/M3 (0.005PPM); STEL: 0.15MG/M3 (0.02PPM)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPO RTING OR HOLDING FOOD.	JUL1983	CFRUS* 21, 114, 1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR AGE AND DISPOSAL REGULATION AND PERMIT AND NO TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU IDANCE).	19NOV1980	CFRUS* 40 (261), 368, 1981
USA	REG	AIR OCC	PEL	CLV: 0.02 PPM (0.14 MG/M3)	JUN1974	CFRUS* 29(1910), 673, 1981
USA	REG	TRNSP	RSTR RQR CLASS	TOLUENE DIISOCYANATE, WHEN CARRIED IN BULK, I S CLASSIFIED AS A "CARGO OF PARTICULAR HAZARD " FOR PURPOSES OF REGULATIONS GOVERNING HANDL ING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WATERFRONT FACILITIES. A PERMIT IS REQUIRED F OR HANDLING SUCH CARGO.	JUL1983	CFRUS* 33(126), 613, 1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED , WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH FLAME IONIZATION DETECTOR)	APR1983	CFRUS* 40(261), 376, 1981

11/164

IRPTC ----- RECOMMENDATIONS-LEGAL MECHANISMS ----- IRPTC

CZ9540000 DODECYLBENZENE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN	REG AIR AMBI PSL	0.01MG/M3 1X/D (APPLIES TO ALKYL BENZENES WITH C11-C14 ALKYL)	DEC1983	SEP1985	OBUAV* 2947-83, -, 1983

DA0700000 ETHYLBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	AUG1982	SMTBR* 3, -, 1980
CSK/DEU	REG	AIR	OCC	MAC	MCH1985	HPMZC* 58, -, 1985
	REG	AIR	EMI	MXL	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	<p>340MG/M3 (78PPM) (FOR 48H/WK) (HAZARDOUS DEGR EE: MEDIUM) TWA: 200.0MG/M3; CLV: 1000.0MG/M3 THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS S 1A, 1B, 1C; HARMFUL CLASSES 11A, 11B, 11C, 11D. THIS SOLVENT IS CLASSIFIED IN CLASS 11C. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 440MG/M3 (100PPM); 30MI-STEL: 2200MG/M3 (500PPM) AVERAGE VALUE, 2X/SHIFT. (CUTANEOUS ABSORPTION). THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMABLE (R 11). IRRITATING TO RESPIRATORY SYSTEM (R 37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAIN S (S 29).</p>	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	<p>THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS S 1A, 1B, 1C; HARMFUL CLASSES 11A, 11B, 11C, 11D. THIS SOLVENT IS CLASSIFIED IN CLASS 11C. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 440MG/M3 (100PPM); 30MI-STEL: 2200MG/M3 (500PPM) AVERAGE VALUE, 2X/SHIFT. (CUTANEOUS ABSORPTION). THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMABLE (R 11). IRRITATING TO RESPIRATORY SYSTEM (R 37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAIN S (S 29).</p>	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AQ STORE TRNSP	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMABLE (R 11). IRRITATING TO RESPIRATORY SYSTEM (R 37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAIN S (S 29).</p>	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMABLE (R 11). IRRITATING TO RESPIRATORY SYSTEM (R 37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAIN S (S 29).</p>	APR1986	OJEC** L. 106, 18, 1982

EEC	REG	CLASS PACK LABEL SALE	REG	TRNSP LABEL PACK	CLASS	HARMFUL SUBSTANCE (CLASS I/II/C) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOL VENTS) ARE NOT PLACED ON THE MARKET UNLESS TH EIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3(Y/E) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). 8H-TWA: 435MG/M3 (100PPM). STEL(10M1-TWA): 545MG/M3 (125PPM). HAZARD CLASS: 3, 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER. 435 MG/M3 (100PPM) VALUES ARE: TWA	REG	CLASS	REG	CLASS	DATE	REG	CLASS
GBR	REG	TRNSP LABEL PACK	REG	TRNSP LABEL PACK	CLASS	GBR	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
GBR	REG	TRNSP LABEL PACK	REG	TRNSP LABEL PACK	CLASS	GBR	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
GBR	REC	AIR	REC	AIR	MAC	GBR	REC	CLASS	REC	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
IMO	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	CLASS	IMO	REC	CLASS	REC	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
JPN	REC	AIR	REC	AIR	MAC	JPN	REC	CLASS	REC	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
SUN	REG	AQ	REG	AQ	MAC	SUN	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
SUN	REG	AQ	REG	AQ	MAC	SUN	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
SUN	REG	AIR	REG	AIR	MAC	SUN	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
SWE	REG	AIR	REG	AIR	HLV	SWE	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
UN	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	CLASS	UN	REC	CLASS	REC	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
USA	REC	AIR	REC	AIR	TLV	USA	REC	CLASS	REC	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
USA	REG	AQ	REG	AQ	EMI WASTE	USA	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS
USA	REG	AQ	REG	AQ	EMI WASTE	USA	REG	CLASS	REG	CLASS	DATE <td>REG</td> <td>CLASS</td>	REG	CLASS

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL
LUTANT FROM ANY POINT SOURCE INTO US WATERS.
THE FOLLOWING APPLICANTS MUST REPORT QUANTITA
TIVE DATA FOR THE SUBSTANCE IN THEIR APPLICAT
IONS : 1) EVERY APPLICANT WHO HAS REASON TO B
ELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF H
IS OUTFALLS. 2) EVERY APPLICANT USING ANY OF
SOME INDUSTRIAL PROCESSES LISTED. INSPECTION
, MONITORING AND REPORTING REQUIREMENTS AFTER
ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT
REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBS
TANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH
EST OF THE FOLLOWING LEVELS: A) 100 UG/L, B)
5 TIMES THE MAXIMUM CONC. REPORTED IN THE APP
LICATION, C) THE LEVEL ESTABLISHED BY THE EPA
DIRECTOR. (AMENDED: FEREC 46, 35091, 1981; 46
, 36703, 1981; 47, 24918, 1982; 48, 41446, 1983)
ETHYLBENZENE IS AMONG OTHERS CLASSIFIED AS TO
XIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO
SET OR HAS SET EFFLUENT LIMITATIONS AND PRETR
EATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.
(AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMI
TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL
AR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258
, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260
, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382
, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290
, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598
, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176
, 1983)
(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848
, 1982; 47, 55226, 1982; 48, 15382, 1983)

10DEC1982 JUN1983 FEREAC 47,31230,1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE ETHYL BENZENE IS RATED AS A SOMEWHAT PERSISTENT COMPOUND IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, FOR ETHYL BENZENE THE TOXICITY VALUE IS 2, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 3, AND THE REACTIVITY VALUE IS 0.

10DEC1982 JUN1983 FEREAC 47,31319,1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, FOR ETHYL BENZENE THE TOXICITY VALUE IS 2, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 3, AND THE REACTIVITY VALUE IS 0.

MAY1983 CFRUS# 40(116),33,1981

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

MAY1983 CFRUS# 40(117),44,1981

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

APR1983 CFRUS# 29(1910),673,1981
SEP1985 ACGIH# 1984-85,62,1984

JUN1974

TWA: 435 MG/M3 (100 PPM)
MANDELIC ACID IN URINE AT END OF SHIFT AND END OF WORK-WEEK: 2G/L (1.5G/G CREATININE)
THESE ARE MEAN VALUES OF A GROUP TEST FOR WORKERS SUBJECTED TO A SIMILAR LEVEL OF OCCUPATIONAL EXPOSURE. (DETERMINANTS ARE NONSPECIFIC SINCE DIFFERENT CHEMICALS MAY BEAR THE SAME BIOLOGICAL RESPONSE). ETHYL BENZENE IN END-EXHALED AIR PRIOR TO SHIFT: 2PPM. (THE DETERMINANT IS A SPECIFIC INDICATOR OF EXPOSURE TO THE CHEMICAL).

USA CLASS

USA CLASS

USA CLASS

USA RQR
RSTR

USA REC AIR OCC
USA REC AIR OCC

REG WASTE

REG WASTE

REG AQ

REG AQ

REG AIR OCC
REC AIR OCC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DA2975000		HEXACHLOROBENZENE					
ARG	REG	USE	PRO	AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES.	19MCH1963	MCH1982	ARESA* 21, -, 1963
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE.	30APR1968	MCH1982	ADECA* 2143, -, 1968
ARG	REG	MANUF	RQR	ADDITION OF RODAMIN TO HCB (4:15)	20MCH1972	MCH1982	ADISS* 35, -, 1972
ARG	REG	USE	PRO	AS ANTIWEEVIL AGENT ON SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -, 1972
ARG	REG	USE	PRO	FUNGICIDES AND SEED DRESSINGS FORMULATED WITH HEXACHLOROBENZENE DECLARED TO BE OF PUBLIC UTILITY AND SUBJECT TO EXPROPRIATION.	11MAY1973	MCH1982	ALEYA* 20316, -,
ARG	REG	FOOD	MXL	BRAN OF WHEAT: 0.03MG/KG.	30MCH1973	MCH1982	ADISS* 46, -, 1973
ARG	REG	FOOD	MXL	CRUDE CEREALS: 0.05MG/KG.	8NOV1976	MCH1982	ARESA* 459, -, 1976
CSK	REG	HUMAN FOOD	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.5MG/KG (FAT BASIS)	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	AIR	OCC	TWA: 1.0MG/M3, CLV: 2.0MG/M3	MCH1985	AUG1985	HPMZC* 58, -, 1985
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED): 0.3MG/KG. MWT, 0.5MG/KG LWT (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVORORDNUNG BGBl I S.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I S.635, 635-643, 1984
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.05-0.1MG/KG OTHER PLANT PRODUCTS: 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVORORDNUNG - BGBl I S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I S.635, 635-643, 1984
DEU	REG	GOODS	MRL	TOBACCO 0.3 MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVORORDNUNG - BGBl I S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I S.635, 635-643, 1984
DEU	REC	AIR	BAT	HEXACHLOROBENZENE IN PLASMA: 15UG/L	1977	JAN1986	DFSK** XXI, 80, 1985
DEU	REC	USE	PRO	PROHIBITED FOR USE AS A PLANT PROTECTANT.	1977	SEP1986	BGBL** I S.2335, -, 1980
FAO/WHO	REC	FOOD	ADI	WITHDRAWN ("BECAUSE THE TOXICITY OF HCB IS SUCH THAT CONTAMINATION OF FOOD SHOULD BE KEPT AS LOW AS POSSIBLE, THE PREVIOUSLY ALLOCATED CONDITIONAL ADI IS WITHDRAWN"). EGGS (SHELL-FREE), FAT OF MEAT OF CATTLE, GOATS, PIGS, POULTRY AND SHEEP 1 MG/KG; MILK AND MILK PRODUCTS (FAT BASIS) 0.5 MG/KG; RAW CEREALS 0.05 MG/KG; FLOUR AND SIMILAR MILLED CEREAL PRODUCTS 0.01 MG/KG.			
FAO/WHO	REC	FOOD	ERL	WITHDRAWAL OF USE IN AGRICULTURE AND HORTICULTURE (THE ONLY REGISTERED USE IN THE UK AS A PESTICIDE WAS AS A DRY SEED DRESSING). THIS PESTICIDE WAS ANIMAL AND BIRD TISSUES, WHICH ACCUMULATES IN ENVIRONMENTAL RATHER THAN HUMAN SAFETY REASONS DESIGNATED AS A 'SPECIFIED CHEMICAL SUBSTANCE'.			
GBR	REC	USE	AGRIC PRO	1. WITHOUT THE AUTHORISATION FROM THE GOVERNMENT, THE MANUFACTURE AND IMPORT ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORT OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.	1975	JAN1986	GBCPR* -, 1637, 1981
JPN	REC	MANUF	CLASS PRO RSTR			DEC1982	JPNCO* 20CT, -, 1981

JUL1983 CFRUS* 40(403), 8, 1981

CLASS CHLORINATED BENZENES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.
 (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)
 IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE HEXACHLOROBENZENE IS RATED AS A HIGHLY PERSISTENT COMPOUND

10DEC1982 JUN1983 FEREAC 47, 31230, 1982

APR1983 CFRUS* 40(261), 376, 1981

RQR THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH ELECTRON CAPTURE DETECTOR)
 CLASS CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

APR1983 CFRUS* 40(261), 362, 378, 1981

DEC1982 WHOTAC 555, 21, 1974

RQR RECOMMENDED RATE OF APPLICATION TO WHEAT SEED
 CLASS RECOMMENDED SAFETY MEASURES SUCH AS COLOURING OF, ADDITION OF ODOUR OR TASTE TO, LABELLING OF, TRANSPORTATION AND DISTRIBUTION OF DRESSED SEED.
 RQR 0.01 UG/L

MCH1983 WHODW* -, 17, 1983

DA6475000 NITROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	TWA: 5.0MG/M3; CLV: 25.0MG/M3	MCH1985	HPMZC# 58, -, 1985
CSK	REG	GOODS	PRO	POISONOUS SUBSTANCE	JUL1967	MAY1982 SZCSR# 22, 217, -, 1967
CSK	REG	AIR	EMI	PROHIBITED IN COSMETICS	JAN1971	MAY1982 HPMZC# 32, -, 1970
DEU	REG	AIR	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	LABEL - PACK - USE -	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18.1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS IIA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IA. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REC	AIR	OCC	8H-TWA: 5MG/M3 (1PPM); 30MI-STEL: 10MG/M3 (2PPTION) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION)	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R.26/27/28). DANGER OF CUMULATIVE EFFECTS (R.33). WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES. (S.36/37). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S.28). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S.45).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L.106, 18, 1982

EEC	REG	GOODS	PRO	DESCRIPTION	DATE	REFERENCE
			PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.		
				EEC DIRECTIVE 76/768/EEC - OJEC L262,169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN.		JUN1986 OJEC** L149, 38, 1986
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE IR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	1JAN1984	JAN1983 OJEC** L213, 17, 1982
GBR	REG	LABEL - PACK -	RQR RQR	EMERGENCY ACTION CODE : 2X	28MCH1979	APR1986 GBRSI* 17, 1, 1983
GBR	REG	TRNSP LABEL	CLASS RQR	EMERGENCY ACTION CODE : 2X		JAN1983 GBRSI* 1702, 1, 1978
GBR	REC	AIR OCC	RECL	8H-TWA: 5MG/M3 (1PPM). STEL(10M1-TWA): 10MG/M3 (2PPM). SKIN ABSORPTION.		OCT1985 GNHSE* EH40/85, 1, 1985
GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS AGRICULTURAL, HORTICULTURAL AND FORESTAL INSECTICIDES (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986 GBRSI* 1077, 1, 1985
GBR	REG	LABEL PACK STORE	RQR RQR RQR	LABEL: 'POISON' FURTHER GENERAL REQUIREMENTS CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.	1APR1982	JAN1983 GBRSI* 217, 218, 1, 1982
GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.	1APR1982	JAN1983 GBRSI* 217, 1, 1982
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.		SEP1982 IMCOC* 4, 10003, 1977
IND	REC	OCC USE PACK LABEL STORE	RQR WARN	CODE OF SAFETY INCL. ENGINEERING CONTROLS, STORAGE AND HANDLING, PACKING AND LABELLING (WARN), TANK AND EQUIPMENT CLEANING AND REPAIRS, PREVENTIVE MEASURES, EDUCATION AND TRAINING OF EMPLOYEES, PROTECTIVE EQUIPMENT, DISPOSAL OF WASTE, MEDICAL MANAGEMENT AND FIRST-AID VALUES ARE: TWA		DEC1982 INDS** IS:8388, -, 1977
JPN	REC	AIR OCC	MAC	5 MG/M3 (1 PPM) (SKIN ABSORPTION)		JUL1986 SAIGLB 27, 195-219, 1985
JPN	REG	CLASS LABEL SALE	CLASS RQR	SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	DEC1950	JUL1983 JPPDL* -, -,
SUN	REG	AQ SURF	RSTR	0.2 MG/L	OCT1983	SEP1985 PDKVO* 2932-83, -, 1983
SUN	REG	AIR OCC	MAC	CLV: 3.0MG/M3 (VAPOUR)	JAN1972	JUN1982 SNPPP* 245-71, -, 1972
SUN	REG	AIR AMB1	MAC	0.008 MG/M3 TX/D; 0.008 MG/M3 AV/D. SUBSTANCE GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE.	AUG1984	SEP1985 PDKAV* 3086-84, -, 1984
SWE	REG	CLASS	CLASS	RECLASSIFIED AS POISONOUS, EFFECTIVE 1JAN1985	23NOV1983	OCT1984 STNAF* 1983:6, 1, 1983
SWE	REG	AIR OCC	HLV	TWA : 5 MG/M3 (1 PPM) SKIN ABSORPTION STEL : 10 MG/M3 (2 PPM)	01JAN1985	JAN1985 AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL PACK	CLASS	'TWA' REFERS TO '1D-TWA' 'STEL' REFERS TO 'STEL(15MIN-TWA)' HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.		SEP1982 UNTDG* -, 11, 1986
USA	REG	AIR OCC	OCC	TWA: 5 MG/M3 (1PPM), SKIN ABSORPTION	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REC	AIR OCC	TLV	TWA: 5MG/M3 (1PPM); STEL: 10MG/M3 (2PPM) (SKIN ABSORPTION). (STEL VALUE INTENDED TO BE DELETED).		SEP1985 ACGIH* 1984-85, 9, 1984

USA	REG	WASTE	CLASS	19NOV1980	JUL1983	CFRUS*	40 (261), 368, 1981
			RSTR RQR				
				CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).			
USA	REG	WASTE	RQR	22JUL1981	JUL1983	CFRUS*	40(264), 455, 1981
				AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))			
USA	REG	WASTE	RSTR RQR	19NOV1980	JUL1983	CFRUS*	40(261), 358, 1981
				CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).			
USA	REG	EMI WASTE	RQR	18JUL1980	MAY1983	CFRUS*	40(122.53), 121, 1981
				PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)			
USA	REG	WASTE	CLASS	10DEC1982	JUN1983	FEREAC	47, 31230, 1982
				IDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE NITROBENZENE IS RATED AS A PERSISTENT COMPOUND			
USA	REG	MANUF	RQR	40OCT1982	JUN1983	FEREAC	47, 38780, 1982
				MANUFACTURERS AND PROCESSORS OF NITROBENZENE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED			

DA6650000 QUINTOZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE	AL AGRIC PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.01-5MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-0.1MG/KG.		AUG1985	SBTAP* -, 8, 1984
CSK	REG	HUMAN FOOD	MRL	OTHER PLANT PRODUCTS: 0.01MG/KG (PLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).		MAY1982	HPMZC* 43, -, 1978
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.02-0.3MG/KG (PLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 0.01-0.3MG/KG	FEB1981	APR1984	BGBL** 22(Z5702), 145, 1982
DEU	REG	FOOD	AGRIC RSTR	APPLICATION ONLY ADMISSIBLE FOR THE TREATMENT OF GRAIN SEEDS EXCEPT FOR CORN AND POTATOE PLANTS		DEC1985	BGBL** IS 2335, 2335, 1980
FAO/WHO	REC	FOOD	ADI	7 UG/KG BW		APR1982	FPPDD 11, 36, 1978
FAO/WHO	REC	FOOD	MRL	PEANUTS (WHOLE) 5 MG/KG; LETTUCE 3 MG/KG; PEA NUTS (KERNELS) 2 MG/KG; BANANAS (WHOLE) 1 MG/KG; BEANS (NAVY), POTATOES 0.2 MG/KG; TOMATOE S. 0.1 MG/KG; COTTONSEED 0.03 MG/KG; BROCCOLI, CABBAGE 0.02 MG/KG; BANANAS (PULP), BEANS (OTHER THAN NAVY), PEPPERS (BELL) 0.01 MG/KG. (LIMITS ARE FOR THE SUM OF QUINTOZENE, PENTACHLOROANILINE AND METHYL PENTACHLOROPHENYL SULPHIDE).		APR1982	FPPDD 11, 36, 1978
GBR	REG	USE	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFG** -, 89, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE OR A BACTERICIDE		JUN1986	JPAGR* -, -, 1983
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.02-10MG/KG		SEP1982	GSKEN* 40, 410, 1978
SUN	REG	AIR	MAC	CLV: 0.5MG/M3 (VAPOUR, AEROSOL)	JAN1977	JUN1982	GOSTS* 12, 1, 005, -, 1976
SUN	REG	AIR	PSL	0.01MG/M3 1X/D	DEC1983	SEP1985	OBUAV* 2947-83, -, 1983
SUN	REG	AIR	MAC	0.01MG/M3 1X/D, 0.006MG/M3 AV/D (CALCULATED VALUES)		JUN1982	PKTV* -, -, 1978
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	FOOD	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0MG/KG; ADI = 0.007MG/KG	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SWE	REG	FOOD	ADI	PLANT (SPECIFIED) : 0.2-1 MG/KG (INCL.PENTACHLOROANILINE)	01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984
USA	REG	USE	AGRIC RSTR	MODIFICATION OF THE TERMS AND CONDITIONS OF ALL REGISTRATIONS OF PCNB-CONTAINING PRODUCTS TO MEET THE FOLLOWING CONDITIONS: REDUCTION OF THE HEXACHLOROBENENE (HCB) LEVEL IN TECHNICAL PCNB PRODUCTS TO 0.1% OR LESS BECAUSE OF RISKS ASSOCIATED WITH THE ONCOGENIC		SEP1985	FEREAC 47, 18177, 1982

EFFECTS OF HCB. VOLUNTARY CANCELLATION OF THE REGISTRATIONS OF ALL DUST-BASE FORMULATIONS EXCEPT THOSE USED IN PLANTER-BOX SEED TREATMENT. AMENDMENT TO THE LABELS OF GRANULAR FORMULATIONS USED IN PARKS AND ON GOLF COURSES TO INCLUDE THE FOLLOWING PRECAUTIONARY STATEMENT: "DO NOT APPLY DIRECTLY ADJACENT TO POTABLE WATER SUPPLIES." AMENDMENT TO THE LABELS OF HOMEOWNER PRODUCTS TO INCLUDE PRECAUTIONARY STATEMENT. AMENDMENT TO THE LABELS OF PROFESSIONAL APPLICATOR PRODUCTS TO INCLUDE PROTECTIVE CLOTHING REQUIREMENTS. RAW AGRICULTURAL PRODUCTS (COTTONSEEDS): 0.1 MG/KG INTERIM TOLERANCE LIMITS IN/ON RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.1-1 MG/KG CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE', SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.

USA	REG	FOOD FEED	AGRIC ARL	APR1986 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	APR1986 CFRUS* 40(180), 232, 1981
USA	REG	WASTE	CLASS RSTR RQR	19NOV1980 MAY1986 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	CLASS RSTR RQR	19NOV1980 MAY1986 CFRUS* 40(261), 368, 1981
USA	REG	WASTE	RQR	22JUL1981 MAY1986 CFRUS* 40(264), 455, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

DB4200000 BENZENE SULFONIC ACID

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN USA	REG AIR WASTE REG AMBI WASTE	PSL CLASS 0.6MG/M3 1X/D IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE BENZENE SULFONIC ACID IS RATED AS A SOMEWHAT PERSISTENT COMPOUND	DEC1983 10DEC1982	SEP1985 JUN1983	OBUAV* 2947-83, -,1983 FEREAC 47, 31230, 1982

DB4370000 ALKYL BENZENESULFONIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN	REG	AIR	PSL	0.04MG/M3 1X/D	DEC1983	SEP1985	OBUAV* 2947-83, -, 1983
SUN	REG	AQ	MAC	1.0MG/L (APPLIES TO AMMONIUM AND TRIETHANOLAMONIUM SALTS); 0.2MG/L (APPLIES TO CALCIUM SALT); 0.5MG/L (APPLIES TO CHLORO-DERIVATIVES)	OCT1983	SEP1985	PKVO* 2932-83, -, 1983
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES. (APPLIES TO ALKYL (C8-C24) BENZENE SULFONIC ACID AND ITS AMMONIUM, CALCIUM, MAGNESIUM, POTASSIUM, SODIUM AND ZINC SALTS)		APR1983	CFRUS* 40(180.1001), 251, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES. (APPLIES TO ALKYL (C8-C24) BENZENESULFONIC ACID AND ITS AMMONIUM, CALCIUM, MAGNESIUM, POTASSIUM, SODIUM, AND ZINC SALTS.)		APR1983	CFRUS* 40(180.1001), 264, 1981

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RECOMMENDATIONS-LEGAL MECHANISMS

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DB4550000 ALKYL BENZENE SULFONIC ACID, SODIUM SALT

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES (APPLIES TO ALKYL (C8-C24) BENZENESULFONIC ACID AND ITS AMMONIUM, CALCIUM, MAGNESIUM, POTASSIUM, SODIUM AND ZINC SALTS)	APR1986	CFRUS* 40(180.1001), 251, 1981

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

DC0525000 THIOPHENOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
						THIOALCOHOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.
USA	REC	AIR	OCC	TLV	19NOV1980	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	RSTR	CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	MAY1986	CFRUS* 40(261), 358, 1981
			RQR	CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN 'ACUTE HAZARDOUS WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.		
USA	REG	WASTE	RSTR	CLASS	19NOV1980	MAY1986 CFRUS* 40(261), 367, 1981
			RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.		
USA	REG	WASTE	RQR	RQR	22JUL1981	MAY1986 CFRUS* 40(264), 455, 1981

DC2100000 1,2,4-TRICHLOROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REC	AIR OCC	MAK	8H-TWA: 40MG/M3 (5PPM); 30MI-STEL: 400MG/M3 (50PPM) AVERAGE VALUE, 1X/SHIFT.	JAN1986	DFSK** XXI, 16, 1985
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO LIQUIDS).	SEP1982	UNTDG* -, 11, 1986
USA	REC	AIR OCC	TLV	CLV: 40MG/M3 (5PPM).	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	AIR WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS (AMENDED FEREAC 46,35246, 1981; 46,40154, 1981; 46,44972, 1981; 46,47429, 1981; 46,56588, 1981; 46,61273, 1981; 47,36097, 1982; 47,52668, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE)).	APR1983	CFRUS* 40,362/378, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46,38318, 1981; 47,27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED BENZENES)	22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L. B) 5 TIMES THE MAXIMUM CONC REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091, 1981; 46,36703, 1981; 47,24918, 1982; 48,14146, 1983)	18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE)). (APPLIES TO CHLORINATED BENZENES)	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981

USA	REG	AQ	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF TRI-, TETRA-, AND PENTA-CHLOROBENZENES OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	40OCT1982	JUN1983	FEREAC 47,38780,1982
USA	REG	AQ	EMI	CLASS WASTE MXL	CHLORINATED BENZENES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.	JUL1983	CFRUS* 40(403),8,1981	
USA	REG	AQ	MANUF	RQR	(AMENDED: FEREAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983)			
WHO	REC	AQ	DRINK	GL	(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983) NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHLOROBENZENES. (ODOUR THRESHOLD CONCENTRATION BETWEEN 0.1-3 UG/L)	MCH1983	WHODW* -,17,1983	

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RECOMMENDATIONS-LEGAL MECHANISMS

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DC7875000 CHLORFENETHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBl** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).		APR1986	OJEC** L. 106, 18, 1982
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17,1,1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUN1986	JPAGR* -, -, 1983
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.		OCT1985	SCHSB* -, -, 1982

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DC8400000	DICOFOL						
ARG	REG	FOOD	MXL	3-15MG/KG; MILK AND ANIMAL FAT: 0MG/KG;	27MCH1969	MCH1982	ALEYP* 18073,-, 1969
BRA	REG	FEED	MXL	HOPS: 30MG/KG; COTTONSEED: 0.1MG/KG.			
	REG	FOOD	AL	PLANT (SPECIFIED): 0.01-5MG/KG;			
	AGRIC	USE	PRMT	SECURITY INTERVAL: 2-35 DAYS;			
	PRO	GOODS		PROVISIONAL TOXICITY CLASS: II, III, IV (DEPEND ING ON FORMULATION)(I = MOST TOXIC, IV= LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. SPECIFIED PLANT PRODUCTS: 0.5-2.0MG/KG OTHER PLANT PRODUCTS: 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). XN - HARMFUL. HARMFUL BY INHALATION, IN CONT ACT WITH SKIN AND IF SWALLOWED (R 20/21/22). ACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP A WAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF S (S 13). VEGETABLES: 0.5 MG/KG ; FRUITS : 2 MG/KG PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). 25 UG/KG BW FRUIT (EXCEPT STRAWBERRIES), VEGETABLES (EXCE PT CUCUMBERS, GHERKINS, TOMATOES), HOPS (DRIE D), TEA (DRIED, MANUFACTURED): 5MG/KG; CUCUMB ERS, GHERKINS: 2MG/KG; STRAWBERRIES, TOMATOES : 1MG/KG	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL		29APR1984	JUN1986	BGBL** I.S.635,635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980	JUN1986	BGBL** I.S.140,140, 1982
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106,18, 1982
EEC	REG	FOOD CLASS PACK	MRL CLASS RQR		1JUL1984	DEC1982	OJEC** L234,1, 1982
EEC	REG	LABEL SALE	RQR RSTR			APR1986	OJEC** L144,1, 1984
FAO/WHO	REC	FOOD	ADI			MCH1982	FPPDD 11,21,1978
FAO/WHO	REC	FOOD	MRL			MCH1982	FPPDD 11,21,1978

GBR	REG	USE	PRMT	APPROVED AS AN ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	DATE	REGISTRATION NUMBER
GBR	REG	PACK LABEL	RQR		MCH1983	APFG** - , 89, 1983
GBR	REG	PACK LABEL	RQR		APR1986	GBRSI* 17, 1, 1983
IND	REC	PACK LABEL	RQR		DEC1982	INDS** IS: 5279, -, 1969
IND	REG	FOOD LABEL	WARN		DEC1982	PFAIN* -, 70, 1981
JPN	REC	FOOD LABEL	MTC		JUL1983	JPNFS* -, -,
JPN	REC	FOOD LABEL	ARL		JUN1986	JPAGR* -, -, 1983
KEN	REG	FOOD	MXL		SEP1982	GSKEN* 40, 410, 1978
SUN	REG	AQ	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	FOOD	PRO		OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	AIR	PSL		SEP1985	OBUAV* 2947-83, -, 1983
SUN	REG	AIR	MAC		SEP1985	PKAV* 3086-84, -, 1984
SUN	REG	AQ	SURF		SEP1985	PKVO* 2932-83, -, 1983
SUN	REG	USE	AGRIC		OCT1985	SCHSB* -, -, 1982
SUN	REG	FOOD	EXPRT IMPRT		OCT1985	MDUPE* 3081-84, -, 1984
SUN	REG	SOIL	MAC		OCT1985	PKKCP* 2264-80, -, 1980
SUN	REG	FEED	MRL		OCT1985	SCHSB* SUPPL-4, -, 1982
SWE	REG	SALE	PRMT		APR1986	PFBEK* -, 58, 1986
SWE	REG	USE	PRMT			
USA	REG	CLASS	RQR		23NOV1983	STNAF* 1983:6, 1, 1983
USA	REG	FOOD	MTC		01JAN1985	STLIF* 1984:13, 1, 1984
USA	REG	AQ	RSTR		MAY1983	CFRUS* 40 (117), 44, 1981
USA	REG	FOOD	AGRIC		APR1983	CFRUS* 40(180), 152, 1981
USA	REG	FEED	AGRIC		MAY1983	CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI		MAY1983	CFRUS* 40(122), 121, 1981
USA	REG	WASTE	RQR			

APPROVED AS AN ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

PACKING, LABELLING (WARN), ANALYSIS AND QUALITY STANDARDS FOR EMULSIFIABLE CONCENTRATES.

SPECIFIED FOOD PRODUCTS: 5.0 MG/KG

SPECIFIED PLANT PRODUCTS: 2.0-3.0MG/KG

THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE

SPECIFIED FOOD PRODUCTS: 0.25-5.0 MG/KG.

SURFACE WATER FOR FISHING: 0 MG/L

PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS

LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-5.0MG/KG.

ADI = 0.02MG/KG (CALCULATED VALUE).

0.2MG/M3 1X/D

0.2MG/M3 1X/D, 0.02MG/M3 AV/D.

0.02MG/L

SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.

LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 1.0-5.0MG/KG

1.0MG/KG

0.0MG/KG (DAIRY CATTLE); 0.05MG/KG (FATTENING CATTLE).

THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARDOUS CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.

GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE FRUITS AND VEGETABLES: 3.0MG/KG

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 2270 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.1-30MG/KG

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS

THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND RE

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PORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FERAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)

USA REG FOOD ARL RESIDUE TOLERANCE IN DRIED TEA: 45MG/KG

OCT1985 CFRUS# 21,380,1981

DC9625000 BENZIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE LABEL PACK	CLASS RQR RSTR	CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	1APR1985	AUG1985	HPMZC* 56, -, 1984
DEU	REG	USE	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP II (HIGHLY DANGEROUS); <10.0-1.0 G/KG (<1.0-0.1%); GROUP III (DANGEROUS); <1.0 G/KG (<0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER HAS TO FOLLOW.	1OCT1980	JUN1986	BGBL** I.S.140,140,140,1982
DEU	REG	USE LABEL PACK	RQR RQR RSTR	(BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.	1OCT1980	JUN1986	BGBL** I.S.140,140,140,1982
DEU	REG	AIR IMI AQ SOIL SED	RQR RQR RQR RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. (APPLIES TO BENZIDINE AND ITS SALTS). BENZIDINE AND ITS SALTS ARE LISTED AS CARCINOGENIC WORKING MATERIALS PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION) T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS (R 39). DO NOT BREATHE DUST (S 22). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27). WEAR SUITABLE PROTECTIVE CLOTHING (S 36). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).	MAY1982		BGBL** I.S.772,777-779,1980
DEU	REC	AIR	OCC				JAN1986 DFSK** XXI, 16, 1985
EEC	REG	LABEL PACK	RQR RQR				APR1986 OJEC** L.106, 18, 1982

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USA	REG	AQ	EMI	MXL	DISCHARGES OF PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS FROM EXISTING AND NEW BENZIDINE MANUFACTURERS SHALL NOT CONTAIN BENZIDINE CONCENTRATIONS EXCEEDING 10UG/L (AVERAGE PER WORKING DAY OVER ANY CALENDAR MONTH) OR 50UG/L (IN SAMPLES REPRESENTING ANY WORKING DAY) AND THE MONTHLY AVERAGE DAILY LOADING MAY NOT EXCEED 0.130KG/KG BENZIDINE PRODUCED. FOR EXISTING AND NEW BENZIDINE-BASED DYE APPLICATORS 10UG/L (AS AVERAGE/WORKING DAY OVER 1 MONTH) ALSO APPLIES, BUT THE 1 DAY SAMPLES MUST NOT CONTAIN MORE THAN 25UG/L, AND NO DAILY LOADING IS MENTIONED. (THE LIMITS APPLY TO BENZIDINE AND ITS SALTS AS IDENTIFIED BY THE NAME 4,4'-DIAMINO BIPHENYL)	12JAN1977	MAY1983	CFRUS* 40,285,1981	
USA	REG	AQ	EMI	RQR	WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASUREMENT PROCEDURES MUST BE USED (OXIDATION-COLORIMETRY)	16OCT1973	MAY1983	CFRUS* 40,298,1981	
USA	REG	MANUF USE STORE OCC LABEL		RQR WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. (DOES NOT APPLY TO SOLID OR LIQUID MIXTURES CONTAINING LESS THAN 0.1 % (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING			JUN1983	CFRUS* 29(1910),684,1981
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC. 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980	JUL1983	CFRUS* 40 (261),368,1981	

DD0525000 3,3'-DICHLOROBENZIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE LABEL PACK	CLASS RQR RSTR	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED.	1APR1985	AUG1985	HPMZO* 56, 1, 1984
DEU	REG	USE	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0-0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	10OCT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REC	AIR	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. (CUT ANEOUS ABSORPTION)		JAN1986	DFSK** XXI,16,1985
DEU	REC	AIR	MAK	AZO DYES FROM DOUBLE DIAZOTISED BENZIDINE ARE SUSPECT OF CARCINOGENIC POTENTIAL. 3,3'-DIMETHYLBENZIDINE, 3,3'-DIMETHOXYBENZIDINE AND 3,3'-DICHLOROBENZIDINE ARE SPECIFICALLY MENTIONED. NO MAK VALUES ESTABLISHED.		JAN1986	DFSK** XXI,16,1985
DEU	REC	AIR	TRK	1Y-TWA: 0.1MG/M3		JAN1986	DFSK** XXI,66,1985
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	OCT1984	STNAF* 1983:6,1,1983
SWE	REG	AIR	PRO	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED OR HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	01JAN1985	JAN1985	AFS*** 1984:5,41,1984
SWE	REG	MANUF USE	PRO				
SWE	REG	CLASS LABEL	CLASS RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T1'.	28FEB1986	JUN1986	STNAF* 1985:7(PK29),1,1985
USA	REC	AIR	TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. (SKIN ABSORPTION).		SEP1985	ACGIH* 1984-85,9,1984
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	22JUL1981	JUL1983	CFRUS* 40(264),455,1981

USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
USA	REG	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980 MAY1983 CFRUS* 40(122.53),121,1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980 JUL1983 CFRUS* 40 (261),368,1981
USA	REG	AQ	EMI WASTE MXL	DICHLOROBENZIDINE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND RETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES (AMENDED: FEREAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983)	JUL1983 CFRUS* 40(403),8,1981
USA	REG	MANUF USE STORE OCC LABEL	RQR WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. (APPLIES TO 3,3'-DICHLOROBENZIDINE AND ITS SALTS; DOES NOT APPLY TO SOLID OR LIQUID MIXTURES CONTAINING LESS THAN 0.1% (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORDKEEPING AND REPORTING.	JUN1983 CFRUS* 29(1910),684,1981

DD0875000 O-DIANISIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REC	AIR OCC	MAK	SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLISHED.		JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AIR OCC	MAK	AZO DYES FROM DOUBLE DIAZOTISED BENZIDINE ARE SUSPECT OF CARCINOGENIC POTENTIAL. 3,3'-DIMETHYLBENZIDINE, 3,3'-DIMETHOXYBENZIDINE AND 3,3'-DICHLOROBENZIDINE ARE SPECIFICALLY MENTIONED. NO MAK VALUES ESTABLISHED.		JAN1986	DFSK** XXI, 16, 1985
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES TO O-DIANISIDINE AND ITS SALTS). THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)		APR1986	OJEC** L. 106, 18, 1982
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
GBR	REG	INDST RSTR	RQR RSTR	CONTROLLED USE. USER TO TAKE ALL PRACTICABLE STEPS TO PREVENT THE RISK OF INHALING, INGESTING OR OTHERWISE ABSORBING THE SUBSTANCE. STORAGE IN CLOSED RECEPTACLE LEGIBLY MARKED. PROVISION OF CAUTIONARY CARD AND MEDICAL EXAMINATION FOR WORKERS.	9DEC1967	JAN1986	GBRSI* 36, -, 1973
SWE	REG	AIR OCC OCC MANUF USE CLASS LABEL	PRO PRO PRO PRO CLASS RQR	CLASSIFIED AS CAUSING NEOPLASMS BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER. CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED OR HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.		01JAN1985	AFS*** 1984:5, 41, 1984
SWE	REG	CLASS LABEL	RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. HAZARDOUS OPERATOR OF A HAZARDOUS WASTE INC AN OWNER MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981

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USA REG WASTE 19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981

CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL
RSTR PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU
RQR BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR
AGE AND DISPOSAL REGULATION AND PERMIT AND NO
TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,
56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,
1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU
IDANCE).

USA REG WASTE 19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981

CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT
RSTRAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD
RQR OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR
EATMENT, STORAGE AND DISPOSAL REGULATION AND
PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS
IT IS FOUND THE WASTE CANNOT POSE A THREAT TO
HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE
RLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981;
46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36
097, 1982; 48, 2532, 1983 (INTERIM); 47, 36
83 (ENFORCEMENT GUIDANCE).

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DD1225000	0-TOLIDINE					
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL NO MAK VALUE ESTABLISHED. AZO DYES FROM DOUBLE DIAZOTISED BENZIDINE ARE SUSPECT OF CARCINOGENIC POTENTIAL. 3,3'-DIMETHYLBENZIDINE, 3,3'-DIMETHOXYBENZIDINE AND 3,3'-DICHLOROBENZIDINE ARE SPECIFICALLY MENTIONED. NO MAK VALUES ESTABLISHED. XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). DO NOT BREATHE DUST (S 22). WEAR SUITABLE PROTECTIVE CLOTHING (S 36). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). CONTROLLED USE. USER TO TAKE ALL PRACTICABLE STEPS TO PREVENT THE RISK OF INHALING, INGESTING OR OTHERWISE ABSORBING THE SUBSTANCES: STORAGE IN CLOSED RECEPTACLE LEGIBLY MARKED; PROVISION OF CAUTIONARY CARD AND MEDICAL EXAMINATION FOR WORKERS. CLASSIFIED AS CARCINOGENIC BY INTERNATIONAL AGENCY FOR RESEARCH ON CANCER CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED OR HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE. INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. THIS SUBSTANCE MAY BE PRODUCED, USED OR OTHERWISE HANDLED ONLY AFTER PERMISSION HAS BEEN OBTAINED FROM THE LABOUR INSPECTORATE. IT HAS BEEN FOUND TO BE CARCINOGENIC IN MAN OR EXPERIMENTAL ANIMALS INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. (SKIN ABSORPTION).	10OCT1980	BGBL** I.S.140,140,1982
DEU	REC	AIR OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AIR OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L. 106, 18, 1982
GBR	REG	LABEL - PACK -	RQR RQR		APR1986	GBRSI* 17, 1, 1983
GBR	REG	USE INDST RSTR			09DEC1967	JAN1986 GBRSI* 36, -, 1973
SWE	REG	AIR OCC OCC MANUF USE CLASS LABEL	PRO PRO PRO PRO CLASS RQR		01JAN1985	JAN1985 AFS*** 1984:5, 41, 1984
SWE	REG	REG USE	PRO		28FEB1986	JUN1986 STNAF* 1985:7(PK29), 1, 1985
USA	REC	AIR OCC	TLV		SEP1985	ACGIH* 1984-85, 9, 1984

USA	REG WASTE	CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS) UNLESS PERMIT AND NOTIFICATION REQUIREMENTS UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG WASTE	RQR AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG WASTE	CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980 MAY1986 CFRUS* 40(261), 368, 1981

DD2275000 CHLOROBENZILATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	CITRUS FRUITS: 5MG/KG APPLES AND PEARS: 2MG/KG PLANT (SPECIFIED): 0.01-1MG/KG; SECURITY INTERVAL: 5-30 DAYS;	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
BRA	REG	FOOD USE GOODS	AL AGRIC PRO	ALFAIFA: 5MG/KG (SECURITY INTERVAL: 14 DAYS); PROVISIONAL TOXICITY CLASS: 11,111 (DEPENDING ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.2-1.0MG/KG.	AUG1985	SBTAP* -, 1, 1984	
CSK	REG	HUMAN FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED): 0.05-0.5MG/KG OF ANIMAL ORIGIN (GENERAL): 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTIMMGENVERORDNUNG BGBl IS.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	OCT1978	MAY1982	HPMZC* 43, -, 1978
DEU	REG	FOOD ANI	MRL	SPECIFIED PLANT PRODUCTS: 0.2-2.0MG/KG; OTHER PLANT PRODUCTS: 0.05MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTIMMGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** IS.635,635-643, 1984
DEU	REG	FOOD	MRL	PLANT (GENERAL): 2 MG/KG ; NUTS : 0.2 MG/KG 0.02 MG/KG-BW	29APR1984	JUN1986	BGBL** IS.635,635-643, 1984
EEC	REG	FOOD	MRL	APPLES 5 MG/KG; GRAPES, PEARS 2 MG/KG; CANTALOUPE, CITRUS FRUIT, MELONS 1 MG/KG; ALMONDS (SHELLED), TOMATOES, WALNUTS (SHELLED) 0.2 MG/KG; MILK (WHOLE) 0.05 MG/KG	1JUL1984	DEC1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD	ADI	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	1JUL1984	MCH1982	FPPDD 11, 15, 1978
FAO/WHO	REC	FOOD	MRL	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N- INSECTICIDE	1JUL1984	MCH1982	FPPDD 11, 15, 1978
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	SPECIFIED PLANT PRODUCTS : 2.0MG/KG SPECIFIED FOOD PRODUCTS: 0.2-5.0 MG/KG. FRUITS AND VEGETABLES: 1.0-2.0MG/KG HAS BEEN WITHDRAWN AFTER MUTUAL DISCUSSIONS BETWEEN NATIONAL PRODUCTS CONTROL BOARD AND THE IMPORTERS BECAUSE OF ITS CARCINOGENIC EFFECT ON EXPERIMENTAL ANIMALS	01AUG1971	MAY1984	INDIA* -, -, 1968
JPN	REG	USE	AGRIC PRMT	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEB EAC 46,38318, 1981; 47,27531, 1982 (INTERIM))	JUN1986	JUN1986	JPACR* -, -, 1983
JPN	REG	FOOD	ARL		JUL1983	JPNFS* -, -, 1983	
KEN	REG	FOOD	MXL		SEP1982	GSKEN* 40, 410, 1978	
SWE	REG	FOOD	MTC		01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984
SWE	REG	USE	AGRIC PRO		31DEC1979	JAN1986	PKB*** 31.12.1979, -, 1979
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC). IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD FEED USE	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.2-15 MG/KG	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED USE	AGRIC PRO	CANCELLATION AND DENIAL OF REGISTRATION OF CHLOROBENZILATE PRODUCTS FOR USES OTHER THAN CITRUS USES IN FLORIDA, TEXAS, CALIFORNIA, AND ARIZONA. NOTWITHSTANDING THE ABOVE, REGISTRATION OF CHLOROBENZILATE PRODUCTS FOR CITRUS USE IN THESE FOUR STATES WILL ALSO BE CANCELLED OR DENIED UNLESS REGISTRANTS OR APPLICANTS FOR NEW REGISTRATIONS MODIFY THE LABEL TO INCLUDE THE FOLLOWING: "RESTRICTED USE PESTICIDE. FOR RETAIL SALE AND USE ONLY BY CERTIFIED APPLICATORS. SPECIAL PRECAUTIONS ARE TO BE TAKEN WHEN HANDLING THE PRODUCT AND SPECIAL CLOTHING TO BE WORN." SEVERAL SCIENTIFIC STUDIES PROVIDED A RELIABLE BASIS FOR CONCLUDING THAT CHLOROBENZILATE INDUCES ONCOGENIC EFFECTS (I.E. PRODUCES TUMORS) IN CERTAIN MAMMALIAN SPECIES AND THAT THESE LABORATORY STUDIES AND INFORMATION ON HUMAN EXPOSURE PROVIDED SUBSTANTIAL EVIDENCE THAT CHLOROBENZILATE POSES A RISK OF CANCER AND ADVERSE TESTICULAR EFFECTS	FEB1979 SEP1986 FEREAC 44, 9548, 1979

DD6475000 BENOMYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG BRA	REG REG	FOOD FOOD USE AGRIC PRMT PRO GOODS	MXL AL	APPLES AND PEARS: 5MG/KG. SPECIFIED PLANT PRODUCTS: 0.05-35MG/KG; SECURITY INTERVAL: 1-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	17NOV1978 AUG1985	MCH1982 ARESA* 786, -, 1978 AUG1985 SBTAP* -, 8, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	MAY1982 SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (GENERAL): 0.1MG/KG; PLANT (SPECIFIED): 0.2-7.0MG//KG (WITH CARBENDAZIM AND THIOPHANA TE-METHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.02MG/KG BW. MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAP PLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEACHES, SUGA RBET TOPS: 10MG/KG; APPLES, BLACKBERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPP ERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHE AT STRAW: 5MG/KG; POTATOES (WASHED): 3MG/KG; BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, CHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/ KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEA T OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS , PECANS, RUTABAGAS, SOYBEAN HAY, SUGAR BEET, TARO: 0.1MG/KG. (CALCULATED AND EXPRESSED AS CARBENDAZIM) APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC US ES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LI STED	29APR1984	JUN1986 BGBL** I. S. 635, 635-643, 1984 APR1986 FPPDD 56, 54, 1984
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL			
GBR	REG	USE	PRMT			MCH1983 APFG** -, 89, 1983
GBR JPN	REC REC	AIR USE	OCC AGRIC PRMT	8H-TWA: 10MG/M3. STEL(TOBI-TWA): 15MG/M3 THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	OCT1985 JUN1986	CNHSE* EH40/85, 1, 1985 JPAGR* -, -, 1983
KEN SUN	REG REG	FOOD FOOD	MXL PRO MRL	SPECIFIED FOOD PRODUCTS: 0.2-15.0MG/KG. PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0MG /KG.	SEPT1982 OCT1985	GSKEN* 40, 410, 1978 MDUPP* 2823-83, -, 1983

DD6500000 CARBENDAZIM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE AGRIC GOODS	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-0.5MG/KG SECURITY INTERVAL: 3-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	SBTAP**	-, 8, 1984
CSK	REG	USE AGRIC	PRMT	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH BENOMYL AND THIOPHATE-M ETHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	AUG1981	SPPOR**	-, -, 1981
DEU	REG	FOOD	MRL	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH BENOMYL AND THIOPHATE-M ETHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	29APR1984	BGBL**	IS. 635, 635-643, 1984
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	APR1986	FPPDD	56, 54, 1984
GBR	REG	USE	PRMT	SPECIFIED PLANT PRODUCTS: 0.1-0.5MG/KG SECURITY INTERVAL: 3-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	MCH1983	APFG**	-, 89, 1983
JPN	REG	USE AGRIC	PRMT	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH BENOMYL AND THIOPHATE-M ETHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	JUN1986	JPAGR**	-, -, 1983
SUN	REG	AIR	MAC	SPECIFIED PLANT PRODUCTS: 0.1-0.5MG/KG SECURITY INTERVAL: 3-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	PKKAD**	2490-81, -, 1981
SUN	REG	AQ	SURF MAC	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH BENOMYL AND THIOPHATE-M ETHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	SEP1985	PKKVO**	2932-83, -, 1983
SUN	REG	USE AGRIC	PRMT	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH BENOMYL AND THIOPHATE-M ETHYL CALCULATED AS CARBENDAZIM) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). ADI: 0.01MG/KG BW MRL: BEAN FODDER, HOPS (DRY): 50MG/KG; PINEAPPLES: 20MG/KG; RICE STRAW: 15MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, GRAPES, PEA CHES, SUGARBEET TOPS: 10MG/KG; APPLES, BLACK BERRIES, BLACKCURRANTS, BLUEBERRIES, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, LETTUCE, LOGANBERRIES, PEANUT HAY, PEARS, PEPPERS, RASPBERRIES, STRAWBERRIES, TOMATOES, WHEAT STRAW: 5MG/KG; POTATOES(WASHED): 3MG/KG BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MANGOES, MELONS, NECTAR INES, ONIONS, PLUMS, PRUNES, SNAP BEANS: 2MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS, PEANUT HULLS, SWEET POTATOES: 1MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, EGGPLANT, OATS, RICE, RYE SQUASH, WHEAT: 0.5MG/KG; CHESTNUTS, SOYBEAN S: 0.2MG/KG; ALMONDS, ASPARAGUS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, RUTABAGAS, SOYBEAN HAY, SUGARBEET, TARO: 0.1MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND BACTERICIDE CLV: 0.1MG/M3 (AEROSOL) 0.1MG/L SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	OCT1985	SCHSB**	-, -, 1982

11/202

SUN	REG	USE	AGRIC	PRMT	JAN1982	SCHSB*	1982
						OCT1985	- , - , 1982
SWE	REG	USE LABEL STORE CLASS	PRMT			APR1986	PFBK* - , 58, 1986
SWE	REG	FOOD	MTC		1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983

SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.

THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PESTICIDE CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS).

CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.

ANIMAL (SPECIFIED) : 0.1 MG/KG (INCL. BENOMYL AND 2-AMINO BENZIMIDAZOLE)

DE0700000 THIABENDAZOLE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-10MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: IV (1 = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	SBTAP* - , 8, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	SPPOR* - , -, 1981
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.4-10.0MG/KG.	OCT1978	HPMZY* 43, -, 1978
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-4.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG. (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL 1.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	BGBL** I.S.635, 635-643, 1984
EEC	REG	FOOD	PRMT	THIABENDAZOLE (E233) MAY UNDER CERTAIN CONDITIONS, AND ON CITRUS FRUITS AND BANANAS ONLY, BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION, (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN)	FEB1986	OJEC** L372, 43, 1985
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	ADI: 0.3MG/KG BW MRL: APPLES, CITRUS FRUIT, PEARS, SUGARBEET TOPS: 10MG/KG; SUGARBEET, SUGARBEET PULP, POTATOES (WASHED BEFORE ANALYSIS): 5MG/KG; BANANAS, STRAWBERRIES: 3MG/KG; TOMATOES: 2MG/KG; SUGARBEET MOLASSES: 1MG/KG; BANANAS (PULP): 0.1MG/KG; RAW GRAIN: 0.2MG/KG; MEAT AND MEAT PRODUCTS OF CATTLE, GOATS, HORSES, PIGS AND SHEEP, MILK, ONIONS: 0.1MG/KG. (LIMITS ARE FOR THIABENDAZOLE ONLY).	APR1986	FPPDD 37, 53, 1982
GBR	REG	USE	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983	APFG** - , 89, 1983
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY 'ULV' MACHINES. SPECIFIC USES ARE LISTED	MCH1983	APFG** - , 24, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	JUN1986	JPAGR* - , -, 1983
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.4-6.0 MG/KG.	SEP1982	GSKEN* 40, 410, 1978
SWE	REG	FOOD SALE	MTC	FRUITS AND VEGETABLES: 0.4-10MG/KG	JUN1986	STLIF* 1984:13, 1, 1984
SWE	REG	USE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT	APR1986	PFBEK* - , 58, 1986
		LABEL STORE CLASS	RQR RQR RQR	THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	01JAN1985	

USA	REG	FEED	ARL	SPECIFIED ANIMAL FEED PRODUCTS : 3.5-150 MG/K G. (AMENDED: FERECAC 47,39479,1982)	JUL1983 CFRUS* 21(561),523,1981
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR ODUCTS) : 0.02-40MG/KG. (AMENDMENT OF CFR 40(1 80) WHICH HAS BEEN AMENDED IN FERECAC 47,8998, 1982; 47,28380,1982; 47,39488,1982; 48,52304, 1983; 50,13195,1985; 50,14106,1985). RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL P RODUCTS) : 0.1-0.4 MG/KG (INCL. THIABENDAZOLE AND ITS METABOLITE 5-HYDROXYTHIABENDAZOLE). (AMENDED: FERECAC 47,39488,1982)	10APR1985 FERECAC 50,14104,1985
USA	REG	FOOD FEED	AGRIC ARL	RECOMMENDED RATE OF APPLICATION TO WHEAT SEED AND ITS METABOLITE 5-HYDROXYTHIABENDAZOLE). (AMENDED: FERECAC 47,39488,1982)	APR1983 CFRUS* 40(180),152,1981
WHO	REC	USE FOOD	RQR	RECOMMENDED SAFETY MEASURES SUCH AS COLOURI NG OF, ADDITION OF ODOUR OR TASTE TO, LABELLI NG OF, TRANSPORTATION AND DISTRIBUTION OF DRE SSED SEED.	DEC1982 WHOTAC 555,21,1974

DG0875000 BENZOIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	HUMAN FOOD	MPC	LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.6-2.0G/KG.	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	FOOD GOODS	PRMT MXL	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY.	AUG1984		HPMZC* 54, -, 1982
DEU	REC	AIR OCC	MAK	MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 10MG/G. EXPERIENCE IN HUMANS AND ANIMAL EXPERIMENTS HAVE NOT PROVIDED SUFFICIENT INFORMATION FOR THE ESTABLISHMENT OF A MAK VALUE.	JAN1986		DFSK** XXI, 58, 1985
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986		GMBL** 11(G3191A), 173, 1985
EEC	REG	GOODS GOODS	PRMT MXL	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. PRESERVATIVE ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL PROHIBIT THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE PRESERVATIVE BEYOND THE LIMITS AND OUTSIDE THE CONDITIONS LAID DOWN UNLESS OTHER CONCENTRATIONS ARE USED FOR SPECIFIC PURPOSES APPARENT FROM THE PRESENTATION OF THE PRODUCT.	JUN1986		OJEC** L149, 38, 1986
EEC	REG	FOOD	PRMT	(COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN) BENZOIC ACID (E210) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN)	FEB1986		OJEC** L372, 43, 1985
KEN	REG	FOOD	PRMT	FOOD ADDITIVES PERMITTED AS CLASS I PRESERVATIVE.	SEP1982		GSKEN* 40, 389, 1978
SUN SWE	REG	AQ FOOD LABEL	MAC PRMT RQR	FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. 0.6MG/L PERMITTED FOOD PRESERVATIVE. PACKED FOOD WHICH CONTAIN THE PRESERVATIVE MUST BE LABELLED: "PRESERVATIVE" FOLLOWED BY THE NUMBER E210	OCT1983 1JAN1981		PKVO* 2932-83, -, 1983 STLIF* 1980:13, 5, 1980
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	APR1986		CFRUS* 40(180.1001), 251, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.	APR1986		CFRUS* 40(180.1001), 264, 1981

USA	REG	FOOD	EMI	PRMT MXL	APR1986 CFRUS* 9(318,381),201,398,1981
USA	REG	AQ	EMI	CLASS	MAY1986 CFRUS* 40(116),33,1981
USA	REG	AQ	EMI	RQR RSTR	MAY1986 CFRUS* 40(117),44,1981

PERMITTED, WITHIN CERTAIN LIMITS, TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS AS A FLAVORING AGENT.

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

DG1925000 AMIBEN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.1MG/KG (PROVISIONAL TOLE RANCES); SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.25MG/KG; ADI = 0.01MG/KG (CALCULATED VALUE). 0.01MG/M3 1X/D, 0.006MG/M3 AV/D (CALCULATED VALUES) 0.5MG/L SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JUN1983	AUG1985	SBTAP* -, 1, 1984
SUN	REG	FOOD	MRL ADI				
SUN	REG	ATR	AMBI MAC				
SUN	REG	AQ USE	SURF AGRIC PRMT				
SUN	REG	SOIL FOOD FEED	PSL AGRIC ARL				
SUN	REG						
USA	REG						

SWE	REG	SALE USE LABEL STORE CLASS	PRMT RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	DATE
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.2-1.5 MG/KG (INCL. DICAMBA AND ITS METABOLITE 3,6-DICHLORO-2-HYDROXYBENZOIC ACID)	16MCH1983 AUG1983 FEREAC 48, 11119, 1983
USA	REG	FEED USE FOOD FOOD FEED	ARL PRMT	(SUGARCANE MOLASSES: 2 MG/KG (OF DICAMBA AND ITS METABOLITE 3,6-DICHLORO-5-HYDROXY-O-ANISIC ACID) FROM APPLICATION TO GROWING CROPS	16MCH1983 AUG1983 FEREAC 48, 11113, 1983
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.5-40 MG/KG (INCL. DICAMBA AND ITS METABOLITE 3,6-DICHLORO-5-HYDROXY-O-ANISIC ACID). (AMENDED: FEREAC 48, 11119, 1983; 48, 2436 4, 1983)	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	AQ	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AQ	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(117), 44, 1981
USA	REG	AQ WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	MAY1983 CFRUS* 40(122), 121, 1981

APR1986 PFBEK* -, 58, 1986

D14025000 IOXYNIL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.01-0.02MG/KG; SECURITY INTERVAL: 30 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. POISONOUS SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC SUBSTANCE IS APPROVED AS PESTICIDE. PRECAUTIONS ARE GIVEN.	JUL1967 AUG1981	MAY1982 MAY1982	SZCSR* 22,217,1967 SPPOR* -, -, 1981
CSK	REG	USE	AGRIC PRMT				
CSK	REG	USE	AGRIC PRMT				
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.05MG/KG OTHER PLANT PRODUCTS: 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635,635-643,1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980	JUN1986	BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). APPROVED AS A CONTACT HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)		APR1986	OJEC** L144,1,1984
GBR	REG	USE	PRMT			MCH1983	APFC** -,89,1983
GBR	REG	LABEL PACK USE	RQR RQR RSTR		15SEP1978	APR1986	GBRSI* 17,1,1983
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982

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UN REC TRNSP LABEL PACK

CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP: III = SUBSTANCE PRESENTING MINOR
DANGER WHEN 100-20% A.I. (SOLID OR LIQUID)

MAY 1986 UNTDG* - ,203, 1986

EV
/CEM
BOT

DJ2800000 ROTENONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (ALL) 0.1 MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BCBL** IS.635,635-643,1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BCBL** I.S.140,140,1982
DEU	REC REG	AIR LABEL PACK	MAK RQR RQR	8H-TWA: 5MG/M3 T - TOXIC. TOXIC BY INHALATION, IN CONTACT W ITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY F ROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	JAN1986 APR1986	DFSK** XXI,16,1985 OJEC** L.106,18,1982	
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	APR1986	GBRSI* 17,1,1983	
GBR JPN	REC REG	AIR CLASS LABEL SALE	RECL CLASS RQR RSTR	8H-TWA: 5MG/M3. STEL(10MI-TWA): 10MG/M3. THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGN ATED AS DELETERIOUS (EXCEPT WHEN THE CONC. IS BELOW 2%)	JAN1965	OCT1985 JUL1983	GNHSE* EH40/85,1,1985 JPPDL* -, -,
JPN	REG	USE	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUN1986	JPAGR* -, -,1983	
SWE SWE	REG REG	CLASS SALE USE LABEL STORE CLASS	CLASS PRMT PRMT RQR RQR CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, ST ORAGE, HANDLING AND USE OF THE PESTICIDE FORM ULATIONS ARE LAID DOWN BY THE PRODUCTS CONTR L BOARD, WHICH ALSO CLASSIFIES EACH FORMULATI ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ ED TO USE SUCH FORMULATIONS.	23NOV1983	OCT1984 APR1986	STNAF* 1983:6,1,1983 PFBEK* -,58,1986
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP:	MAY1986	UNTDG* -,203,1986	
USA	REC	FOOD	ARL	III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (SOLID) OR 100-25% (LIQUID). THE SUBSTANCE IS EXEMPT FROM A TOLERANCE IN A LL PLANT PRODUCTS WHEN IT IS APPLIED AS A PES TICIDE TO GROWING CROPS IN ACCORDANCE WITH GO OD AGRICULTURAL PRACTICE.	APR1983	CFRUS* 40(180.1001),249,1981	

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USA REC AIR OCC TLV TWA: 5MG/M3; STEL: 10MG/M3 OF COMMERCIAL RATE SEP1985 ACGIH* 1984-85, 9, 1984
USA REG AIR OCC PEL TWA: 5 MG/M3 JUN1974 APR1983 CFRUS* 29(1910), 673, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

DJ3675000 BENZO(A)PYRENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
CSK DEU	REG REC	GOODS AIR	OCC MAK	PROHIBITED IN COSMETICS IF ORGANIC MATERIAL IS HEATED OR COMBUSTED WITH A LIMITED SUPPLY OF OXYGEN. MIXTURES ARE PRODUCED WHICH CONTAIN POLYCYCLIC AROMATIC HYDROCARBONS AND AROMATIC HETEROCYCLICS. THE MIXTURES CONTAIN, IN VERY DIFFERENT PROPORTIONS, A) CARCINOGENIC COMPOUNDS, B) COMPOUNDS WHICH PROMOTE CANCER DEVELOPMENT, AND C) COMPOUNDS WHICH INHIBIT CARCINOGENIC EFFECTS. TYPICAL EXAMPLES OF POLYCYCLIC AROMATIC HYDROCARBONS WHICH HAVE BEEN SHOWN TO BE CARCINOGENIC IN ANIMALS ARE: BENZO(A)PYRENE, DIBENZO(A,H)ANTHRACENE, BENZO(B)FLUORANTHENE AND INDENO (1,2,3-CD)PYRENE. IMPORTANT EXAMPLES OF WORK AREA EXPOSURE ARE SOOTS, TAR, TAR VOLATILES, COKE OVEN EMISSIONS, EXHAUST FUMES, USED MOTOR OILS, CURING SMOKE, AND CUTTING OILS. NO MAK VALUES ARE ESTABLISHED.	JAN1971	MAY1982 JAN1986	HPMZC* 32, DFSK** XXI,16,	1970 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7,93-143,	1986
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	25JUL1977	APR1986	OJEC** L194,26,	1975
EEC	REG	WASTE EXPT IMPRT		RQR RQR RQR	01OCT1985	MCH1986	OJEC** L272,1-20,	1985

THIS SUBSTANCE IS INCLUDED IN THE CLASS I CARCINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS I CARCINOGENS MAY NOT EXCEED 0.1MG/M3 AT A MASS FLOW OF 0.5G/H OR MORE. QUALITY STANDARD FOR POLYCYCLIC AROMATIC HYDROCARBONS IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 0.0002 MG/L FOR SIMPLE AND NORMAL WATER TREATMENT METHODS AND 0.001 MG/L FOR INTENSIVE METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.

WASTE CONTAINING OR CONTAMINATED BY AROMATIC POLYCYCLIC COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER

OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).
 (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31.1984 - AS AMENDED BY THE REFERENCE GIVEN)
 (APPLIES TO SUBSTANCES WITH CARCINOGENIC EFFECTS)

31MCH1980 FEB1986 OJEC** L84, 43-48, 1978

WASTE CONTAINING OR CONTAMINATED BY AROMATIC POLYCYCLIC COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL:
 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHEN NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC.

FEB1986 OJEC** L43, 11, 1981

(APPLIES TO CARCINOGENIC SUBSTANCES)
 NO POLYCYCLIC AROMATIC HYDROCARBONS MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23OCT1962, OJEC 115, 2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).

0.005 UG/L
 CLV : 0.00015 MG/M3 (AEROSOL)
 0.000001 MG/M3, AV/D
 0.02MG/KG
 TWA : 0.005 MG/M3 SKIN ABSORPTION, STEL : 0.03 MG/M3 CARCINOGENIC
 TWA REFERS TO '1D-TWA'
 'STEL' REFERS TO 'STEL(15MIN-TWA)'

OCT1983 SEPT1985 PDKVO* 2932-83 -, 1983
 JAN1977 JUN1982 COSTS* 12.1.005, -, 1976
 AUG1984 SEPT1985 PDKAV* 308G-84, -, 1984
 OCT1980 OCT1985 PDKCP* 2264-80, -, 1980
 01JAN1985 JAN1985 AFS*** 1984:5, 10, 1984

STEL : 0.03 MG/M3 SKIN ABSORPTION, STEL : 0.03 MG/M3 CARCINOGENIC
 'STEL' REFERS TO 'STEL(15MIN-TWA)'
 INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T1'
 INDUSTRIAL SUBSTANCE SUSPECTED OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA.

28FEB1986 JUN1986 STNAF* 1985:7(PK29), 1, 1985

THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).

SEP1985 ACGIH* 1984-85, 9, 1984

CLASS RQR
 CLASS RQR
 CLASS RQR
 CLASS TLV

19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981

CLASS RSTR
 CLASS RQR
 CLASS RQR
 CLASS TLV

EEC REG WASTE INDST RSTR RQR CLASS

EEC REG FOOD MXL

SUN REG AQ SURF MAC
 SUN REG AIR OCC MAC
 SUN REG AIR AMBI MAC
 SUN REG SOIL MAC
 SWE REG AIR OCC HLV

SWE REG CLASS LABEL

USA REC AIR OCC TLV

USA REG WASTE CLASS RSTR RQR

USA	REG	WASTE	CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED IN SECTION 1, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI WASTE MXL	POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRAZENES, BENZOPYRENES, BENZOFURANTHENE, CHRYSENES, DIBENZANTHRAZENES, AND INDENOPYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUL1983	CFRUS* 40(403), 8, 1981	
USA	REG	AIR	OCC	TWA: 0.2 MG/M3 (APPLIES TO SPECIFIED COAL TAR PITCH VOLATILES). (AMENDED: FEREC 48, 2764, 1983)	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE BENZOPYRENE IS RATED AS A HIGHLY PERSISTENT COMPOUND. THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (HP LC, GC/MS OR GC WITH FLAME-IONIZATION DETECTOR)	10DEC1982	JUN1983	FEREC 47, 31230, 1982
USA	REG	WASTE	RQR		APR1983	CFRUS* 40(261), 376, 1981	

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USA	REG	WASTE	RQR	WHODW*
USA	REG	WASTE	RQR	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	WASTE	CLASS RSTR RQR	APR1983 CFRUS* 40(261), 362, 378, 1981
WHO	REC	AQ	DRINK MXL	DEC1982 WHISD* 3, 32, 1971
WHO	REC	AQ	DRINK GL	MCH1983 WHODW* -, 17, 1983

AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC 22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND
REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I
S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS
CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER
EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))
CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CON
TAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZA
ROUS WASTES SUBJECT TO HANDLING, TRANSPORT,
TREATMENT, STORAGE AND DISPOSAL REGULATIONS,
PERMIT AND NOTIFICATION REQUIREMENTS. (AMEN
DED: FERAC 46, 35246, 1981; 46, 40154, 1981; 46
, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46
, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48
, 2532, 1983 (INTERIM) ; 48, 11157, 1983 (EN
FORCEMENT GUIDANCE))
0.2UG/L (THE LIMIT INCL. THE SIX POLYNUCLEAR
AROMATIC COMPOUNDS FLUORANTHENE; 3,4-BENZFLUO
RANTHENE; 1,12-BENZFLUORANTHENE; 3,4-BENZPYR
ENE; 1,12-BENZPERYLENE; AND INDENO(1,2,3-CD)
PYRENE)
0.01 UG/L

DK2625000 P-BENZOQUINONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
ARG	REG	AIR	OCC	MPC		
DEU	REC	AIR	OCC	MAK		
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR		
EEC	REG	LABEL PACK		RQR RQR		
GBR	REG	LABEL - PACK -		RQR RQR		
SUN	REG	AIR	OCC	MAC		
SWE	REG	AIR	OCC	HLV		
UN	REC	TRNSP LABEL PACK		CLASS		
USA	REG	AIR	OCC	TLV		
USA	REG	WASTE		RQR		
USA	REG	AIR	OCC	PEL		
USA	REG	MANUF		RQR		

TWA : 0.4 MG/M3 (0.1 PPM), STEL : 1.2 MG/M3 (0.3 PPM)
 8H-TWA: 0.4MG/M3 (0.1PPM); 5MI-STEL: 0.8MG/M3 (0.2PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT.
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).
 HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 T - TOXIC. TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).
 8H-TWA: 0.4MG/M3 (0.1PPM). STEL(10MI-TWA): 1.2MG/M3 (0.3PPM)
 CLV : 0.05 MG/M3 (VAPOUR)
 1D-TWA: 0.4MG/M3 (0.1PPM). STEL(15MIN-TWA): 1.3MG/M3 (0.3PPM)
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.
 TWA: 0.4MG/M3 (0.1PPM); STEL: 1MG/M3 (0.3PPM)
 AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEB EAC 46,38318,1981; 47,27531,1982 (INTERIM))
 TWA: 0.4 MG/M3 (0.1PPM)
 MANUFACTURERS AND PROCESSORS OF QUINONE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED

EFFECTIVE DATE

REFERENCES

MAY1985 ADECT* 351,-,1979

JAN1986 DFSK** XXI, 16, 1985

10CT1980 JUN1986 BGBL** I.S.140,140,1982

APR1986 OJEC** L.106,18,1982

APR1986 GBRSI* 17,1,1983

OCT1985 GNHSE* EH40/85,1,1985

JAN1977 JUN1982 COSTS* 12.1.005,-,1976

01JAN1985 JAN1985 AFS*** 1984:5,10,1984

SEP1982 UNTDC* -,11,1986

SEP1985 ACGIH* 1984-85,9,1984

22JUL1981 JUL1983 CFRUS* 40(264),455,1981

JUN1974 APR1983 CFRUS* 29(1910),673,1981

4OCT1982 JUN1983 FEREC 47,38780,1982

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USA	REG	WASTE	CLASS	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
	RSTR		THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).			
	RQR					
USA	REG	WASTE	CLASS	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
	RSTR		ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).			
	RQR					

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DS1750000		BERYLLIUM					
ARG	REG	AIR	OCC	MPC	TWA : 0.002 MG/M3, STEL : 0.0025 MG/M3	22MAY1979	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	TWA: 0.001MG/M3; CLV: 0.002MG/M3 (CALCULATED AS BE) (APPLIES TO BE AND ITS COMPOUNDS AND ALLOYS)	MCH1985	HPMZC* 58, -, 1985
CSK	REG	USE	OCC	CLASS RQR RSTR	CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED. (APPLIES TO PRODUCTION OF BE AND ITS COMPOUNDS)	1APR1985	HPMZC* 56, -, 1984
DEU	REC	AIR	OCC	TRK	1Y-TWA:0.005MG/M3 OF BERYLLIUM AND ITS COMPOUNDS (CALCULATED AS BE IN TOTAL INHALABLE DUST) FROM GRINDING OF BERYLLIUM METAL AND ALLOYS. 0.002MG/M3 OF BERYLLIUM AND ITS COMPOUNDS (CALCULATED AS BE IN TOTAL INHALABLE DUST) FROM OTHER ACTIVITIES.	JAN1986	DFSK** XXI, 66, 1985
DEU	REG	USE	OCC	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP III (DANGEROUS); <10.0-1.0 G/KG (<1.0-0.1%) (APPLIES TO BERYLLIUM AND ITS COMPOUNDS). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	1OCT1980	BGBL** I.S.140,140,140,1982
DEU	REG	AIR	IMI	RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	MAY1982	BGBL** I.S.772,777-779,1980
DEU	REC	AIR	OCC	MAK	BERYLLIUM AND ITS COMPOUNDS ARE LISTED AS CARCINOGENIC WORKING MATERIALS - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	EMI	MXL	RESPIRABLE DUST OF BERYLLIUM AND ITS COMPOUNDS IS INCLUDED IN THE CLASS I CARINOGENS (CLASS I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS I CARINOGENS MAY NOT EXCEED 0.1MG/M3 AT A MASS FLOW OF 0.5G/H OR MORE.	28FEB1986	GMBL** 7, 93-143, 1986
EEC	REG	GOODS		PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	JUN1986	OJEC** L149, 38, 1986
					EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. (APPLIES TO BERYLLIUM AND ITS COMPOUNDS).		

QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED G) INSTRUC TIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).

(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 .31.1984 - AS AMENDED BY THE REFERENCE GIVEN)

WASTE CONTAINING OR CONTAMINATED BY THIS SUBS TANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOX IC AND DANGEROUS WASTE'. MEMBER STATES SHALL:

- 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT END ANGERING HUMAN HEALTH OR HARMING THE ENVIRONM ENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHEN NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC.

31MCH1980 FEB1986 OJEC** L84,43-48,1978

EEC REG WASTE INDSTR RSTR RQR CLASS

OCT1985 GNHSE* EH40/85,1,1985
JAN1986 GBRSI* 1709,1,1980

16MCH1981

8H-TWA: 0.002MG/M3
ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES . CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THE SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASH POINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING BERYLLIUM AND BERYLLIUM COMPOUNDS.

GBR REG AIR OCC RECL RQR

5AUG1983 APR1986 GBRSI* 943,-,1983

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM BERYLLIUM WORKS IN WHICH A) ANY ORE OR CONCENTRATE OR ANY MATERIAL CONTAINING BERYLLIUM OR ITS COMPOUNDS IS TREATED FOR THE PRODUCTION OF BERYLLIUM OR ITS ALLOYS OR ITS COMPOUNDS; OR B) ANY MATERIAL CONTAINING BERYLLIUM OR ITS COMPOUNDS IS TREATED, PROCESSED OR FABRICATED IN ANY MANNER GIVING RISE TO DUST OR FUME.

GBR REG AIR EMI RQR

5AUG1983 APR1986 GBRSI* 943,1,1983

IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES OR DUST CONTAINING BERYLLIUM AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO BERYLLIUM AND ITS COMPOUNDS).

GBR REG AIR EMI RQR

18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS. SOME SPECIFIED EXISTING INDUSTRIES AS WELL AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO HAVE REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL BERYLLIUM)

(AMENDED: FERECAC 46, 34091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

VENTILATION REQUIREMENTS ARE SPECIFIED FOR CUTTING AND WELDING OPERATIONS INVOLVING METALS OR METALS WHICH CONTAIN THIS SUBSTANCE WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (ATOMIC ABSORPTION OR COLORIMETRY (ALUMINIUM) PRECEDED BY DIGESTION FOR TOTAL BE AND BY 0.45 MICRON FILTRATION FOR DISSOLVED BE)

THE EMISSION STANDARD FROM CERTAIN SPECIFIED STATIONARY SOURCES IS 10G OVER 24 HOURS (OR MEASURED AS AN AMBIENT CONC. LIMIT 0.01UG/M3 AVERAGE OVER 30 DAYS). THE BURNING OF BERYLLIUM AND/OR BERYLLIUM-CONTAINING WASTE, EXCEPT PROPELLANTS, IS PROHIBITED EXCEPT IN INCINERATORS, EMISSIONS FROM WHICH MUST COMPLY WITH THE STANDARD

THE AIR EMISSION STANDARD FROM BERYLLIUM ROCK SET-MOTOR TEST SITES AND/OR WHERE BERYLLIUM PROPELLANT IS DISPOSED OF IS 75UG MINUTES/M3 WITHIN THE LIMITS OF 10-60 MINUTES ACCUMULATED DURING ANY 2 CONSECUTIVE WEEKS IN ANY AREA IN WHICH AN EFFECT ADVERSE TO PUBLIC HEALTH COULD OCCUR. IF COMBUSTION PRODUCTS FROM FIRING OF BERYLLIUM PROPELLANTS ARE COLLECTED IN A CLOSED TANK THE EMISSIONS SHALL NOT EXCEED 2G/HOUR, AND MAXIMUM 10 G/DAY

THE ADMINISTRATOR MAY EXEMPT CERTAIN SPECIFIED STATIONARY SOURCES FROM MONITORING REQUIREMENTS FOR BERYLLIUM IF CONCENTRATIONS IN THE AREA ARE, AND EMISSION INCREASES FROM THE NEW SOURCE WOULD CAUSE AIR QUALITY IMPACTS OF LESS THAN 0.0005 UG/M3 (24-HOUR AVERAGE). (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS)

USA REG AQ EMI WASTE RQR

USA REG USE OCC RQR

USA REG AQ EMI RQR

USA REG AIR EMI WASTE RQR PRO

USA REG AIR EMI MXL

USA REG AIR EMI RQR

USA REG AIR AMBI EMI RQR

JUN1983 CFRUS* 29(1910), 555, 1981

16OCT1973 MAY1983 CFRUS* 40, 298, 1981

APR1983 CFRUS* 40, 527, 1981

APR1983 CFRUS* 40, 529, 1981

MAY1983 CFRUS* 40, 30, 1981

APR1983 CFRUS* 40, 28, 1981

JUL1983 CFRUS* 40(403), 8, 1981

CLASS BERYLLIUM AND COMPOUNDS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATION AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.
 (AMENDED: FERAC 47,42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 25260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)
 THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)
 (APPLIES TO BERYLLIUM DUST)
 TWA: 2 UG/M3; CLV: 5 UG/M3 (ACCEPTABLE), 25 UG/M3 (MAXIMUM 30 MIN.) (APPLIES TO BERYLLIUM AND BERYLLIUM COMPOUNDS)
 NO GUIDELINE VALUE SET

19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981

CLASS RSTR RQR
 REG WASTE
 REG AIR OCC PEL
 REC AQ DRINK GL

APR1983 CFRUS* 29(1910), 673, 1981

MCH1983 WHODW* -, 15, 1983

JUN1974

USA
 WHO

DU8050000 BIPHENYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG CSK	REG REG	AIR HUMAN FOOD	MPC MRL	TWA: 1MG/M3 (0.2PPM); STEL: 3MG/M3 (0.6PPM) LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 110MG/KG.	22MAY1979 OCT1978	MCH1982 MAY1982	ADECT* 351, -, 1979 HPMZC* 43, -, 1978
DEU	REC	AIR	MAK	FOR BIPHENYL: 8H-TWA: 1MG/M3 (0.2PPM) FOR DIPHENYL ETHER/BIPHENYL MIXTURE (VAPOUR): 8H-TWA: 7MG/M3 (1PPM).		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	EMI MXL	THE SUBSTANCE BELONGS TO CLASS I THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	FOOD	PRMT	BIPHENYL (E230)MAY UNDER CERTAIN CONDITIONS A ND ON CITRUS FRUITS ONLY, BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN)		FEB1986	OJEC** L372, 43, 1985
FAO/WHO FAO/WHO GBR	REC REC REC	FOOD FOOD AIR	ADI MRL RECL	125 UG/KG BW CITRUS FRUIT 110 MG/KG 8H-TWA: 1.5MG/M3 (0.2PPM). STEL(10MI-TWA): 4MG/M3 (0.6PPM)		APR1982 APR1982 OCT1985	FPPDD 11, 21, 1978 FPPDD 11, 21, 1978 GNHSE* EH40/85, 1, 1985
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: CITRUS FRUIT: 110MG/KG		SEP1982	GSKEN* 40, 410, 1978
SWE	REG	AIR	HLV	1D-TWA: 1.3MG/M3 (0.2PPM). STEL(15MI-TWA): 2.5MG/M3 (0.4PPM)	01JAN1985	JAN1985	AFS*** 1984:5, 10, 1984
SWE	REG	FOOD	MTC	CITRUS FRUITS: 110MG/KG	01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	OCT1984	STNAF* 1983:6, 1, 1983
USA	REC	AIR	OCC	TWA: 1.5MG/M3 (0.2PPM); STEL: 4MG/M3 (0.6PPM)		SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	AIR	OCC	TWA: 1 MG/M3 (0.2 PPM)		APR1986	CFRUS* 29(1910), 673, 1981
USA	REC	FOOD AGRIC FEED	ARL	RAW AGRICULTURAL PRODUCTS (CITRUS FRUITS): 110MG/KG		MAY1986	CFRUS* 40, 152, 1981

DU8925000 4-AMINOBIIPHENYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE LABEL PACK	OCC RQR RSTR	CLASS RQR RSTR CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	1APR1985	AUG1985	HPMZC* 56, -, 1984
DEU	REG	USE	OCC RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); GROUP II (HIGHLY DANGEROUS) 10.0 G/KG (1.0%); GROUP III (DANGEROUS) : <10.0-1.0 G/KG (1.0-0.1%); GROUP IIII (DANGEROUS): <1.0-0.1 G/KG (<0.1-0.01%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LES HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I. S. 1071, 1536/2159, 1980, AND BGBL I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	1OCT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	AIR AQ SOIL SED	IMI RQR RQR RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	MAY1982		BGBL** I. S. 772, 777-779, 1980
DEU	REC	AIR	OCC MAK	CARCINOGENIC WORKING MATERIAL - PROVEN THROUGH EXPERIENCE WITH HUMANS, NO MAK VALUE ESTABLISHED	JAN1986		DFSK** XXI, 16, 1985
EEC	REG	MANUF USE	INDST RQR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=1 KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY	8JAN1984	DEC1982	OJEC** L230, 1, 1982
EEC	REG	FOOD	MXL	NO DETECTABLE QUANTITIES OF THIS SUBSTANCE OR ANY OF ITS DERIVATIVES MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODS TUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23OCT1962, OJEC 115,2645/62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).	FEB1986		OJEC** L43, 11, 1981
GBR	REG	MANUF USE	PRO PRO	MANUFACTURE AND USE IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE SUBSTANCE, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1%	MCH1983		GNHSE* EH15/80, 5, 1980

GBR	REG	IMPRT	PRO	THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967	MCH1983 GNHSE* EH15/80, 5, 1980
GBR	REG	USE	PRO	PRODUCTION AND USE IN FACTORIES OF 4-AMINODIPHENYL AND ITS SALTS ARE PROHIBITED EXCEPT WHERE WRITTEN EXEMPTION IS GIVEN FOR 1) INVESTIGATION OR TESTING IN MEDICAL OR SCIENTIFIC RESEARCH; 2) WHERE SUBSTANCES ARE FORMED DURING PROCESS IN A TOTALLY ENCLOSED SYSTEM; 3) TRANSHIPMENT. IMPORTATION IS PROHIBITED. EPIDEMIOLOGICAL STUDIES (LIMITED TO ONE GROUP OF WORKERS OVER A 20 YEAR PERIOD OCCUPATIONALLY EXPOSED TO THE SUBSTANCE) REPORTED HIGH INCIDENCE OF BLADDER CANCER.	SEP1985 GBRSI* 36, -, 1973
JPN	REC	OCC	CLASS	SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENIC WORKING MATERIALS	JUL1986 SAICLB 27, 195-219, 1985
JPN	REG	USE	PRO	PRODUCTS WITH CONCENTRATIONS MORE THAN 1% BY WEIGHT ARE BANNED BECAUSE OF THE POSSIBILITY OF ACUTE CYSTITIS AND CANCER OF THE BLADDER. EXPORT IS PROHIBITED.	SEP1986 JPNIS* -, 55, 1972
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. IT IS NOT PERMITTED TO MANUFACTURE, USE OR HANDLE THE SUBSTANCE.	23NOV1983 OCT1984 STNAF* 1983:6, 1, 1983
SWE	REG	AIR OCC	PRO		01JAN1985 JAN1985 AFS*** 1984:5, 41, 1984
SWE	REG	MANUF	PRO		
SWE	REG	USE	PRO		
SWE	REG	CLASS LABEL	RQR		
USA	REC	AIR	TLV	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	28FEB1986 JUN1986 STNAF* 1985:7(PK29), 1, 1985
USA	REC	WASTE	RQR	HUMAN CARCINOGEN. NO EXPOSURE OR CONTACT BY ANY ROUTE SHALL BE PERMITTED. (SKIN ABSORPTION) AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 3683 (ENFORCEMENT GUIDANCE))	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. (DOES NOT APPLY TO SOLID OR LIQUID MIXTURES CONTAINING LESS THAN 0.1% (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	MANUF USE STORE OCC LABEL	RQR WARN		JUN1983 CFRUS* 29(1910), 684, 1981

DW2275000 PARAQUAT; PARAQUAT DICHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA: 0.5MG/M3 (SKIN ABSORPTION). TWA: 0.1 MG/M3	22MAY1979	MCH1982 ADECT* 351, -, 1979
ARG	REG	AIR	OCC	MPC	PLANT (SPECIFIED): 0.02-10MG/KG;	22MAY1979	MAY1985 ADECT* 351, -, 1979
BRA	REG	FOOD	AL	SECURITY INTERVAL: 1-14 DAYS;			
		USE	AGRIC	PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC).			AUG1985 SBTAP* -, 1, 1984
		GOODS	PRO	USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981		MAY1982 SPPOR* -, -, 1981
CSK	REG	USE	AGRIC	PRMT	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01MG/KG.	OCT1978	MAY1982 HPMZC* 43, -, 1978
CSK	REG	FOOD	MRL	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982 SZCSR* 22, 217, -, 1967
CSK	REG	FOOD	MRL	MRL	PLANT (ALL): 0.05MG/KG (APPLIES TO ALL PARAQUAT AT SALTS). (PFLANZSCHUTZMITTEL-HOCHSTIMMGEN VERORDNUNG - BGBL I-S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986 BGBL** I.S. 635-643, 1984
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S. 140, 140, 1982
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.1MG/M3; 5MI-STEL: 0.2MG/M3 CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT. (CUTANEOUS ABSORPTION)	JAN1986	DFSK** XXI, 16, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	T - TOXIC. (NOTE A). VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES TO PARAQUAT AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	FOOD	MRL	MRL	PLANT (GENERAL): 0.05 MG/KG (EXPRESSED AS PARAQUAT ION)	DEC1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	ADI MRL MRL	TEMPORARY ADI: 0.001MG/KG BW FOR PARAQUAT DICHLORIDE (EQUIVALENT TO 0.0007MG/KG BW FOR PARAQUAT ION). TEMPORARY MRL: RICE (IN HUSK): 10MG/KG; SUNFLOWER MEAL (ANIMAL FEED COMPONENT), SUNFLOWER SEED: 2MG/KG; OLIVES (FRESH): 1MG/KG; KIDNEY OF SHEEP, CATTLE AND PIGS, RICE (POLISHED), SORGHUM: 0.5MG/KG; COTTONSEED, DRIED HOPS, PASSION FRUIT, POTATOES, SOYBEANS: 0.2MG/KG; MAIZE: 0.1MG/KG; COTTONSEED OIL (REFINED), FOOD COMMODITIES OF PLANT ORIGIN OTHER THAN THOSE FOR WHICH SPECIFIC RECOMMENDATIONS HAVE BEEN MADE, MEAT AND EDIBLE OFFAL OTHER THAN KIDNEY OF CATTLE, PIGS AND SHEEP, SUNFLOWER OIL (CRUDE AND REFINED): 0.05MG/KG; EGGS, MILK (WHOLE): 0.01MG/KG	APR1986	FPPDD 49, 321, 1983

GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (APPLIES TO PARAQUAT SALTS)	01JAN1986	GBRSI*	1077,1,1985
GBR	REG	LABEL - PACK - USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). APPROVED AS A CONTACT HERBICIDE. SPECIFIC USE S, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		APR1986 MCH1983	GBRSI* 17,1,1983 APFG** -,89,1983
GBR	REG	AIR LABEL PACK STORE	RECL RQR RQR RQR RQR	8H-TWA: 0.1MG/M3 OF RESPIRABLE DUST. LABEL: "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO PARAQUAT SALTS)	1APR1982	OCT1985 JAN1983	GNHSE* EH40/85,1,1985 GBRSI* 217, 218,1,1982
GBR	REG	TRNSP SALE STORE	RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN (APPLIES TO PARAQUAT SALTS). (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077,1,1985
GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST. (APPLIES TO PARAQUAT SALTS)	1APR1982	JAN1983	GBRSI* 217,1,1982
GBR	REG	SALE	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS. (APPLIES TO PARAQUAT SALTS (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077,1,1985
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 5% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD		JUL1983	IMCOC* 111,6147,1977
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 5% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD		JUL1983	IMCOC* 111,9030,1977
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUN1986	JPAGR* -, -,1983
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS POISONOUS BY CABINET ORDER (APPLIES TO PARAQUAT AND ITS SALTS)		JUL1983	JPPDL* -, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG.	AUG1984	SEP1982	GSKEN* 40,410,1978
SUN	REC	FOOD	EXPRT IMPRT	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.05-0.1MG/KG		OCT1985	MDUPE* 3081-84, -,1984
SWE	REG	CLASS FOOD	CLASS MTC	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE PLANT (SPECIFIED): 0.05-0.1 MG/KG	23NOV1983	OCT1984	STNAF* 1983:6,1,1983
SWE	REG	FOOD USE	AGRIC PRO	BANNED BECAUSE OF ITS HIGH ACUTE TOXICITY AND IRREVERSIBLE EFFECTS.	01JAN1985	JUN1986	STLIF* 1984:13,1,1984
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-8% (SOLID OR LIQUID).	31DEC1983	SEP1986	PKB*** 31DEC, -,1983
						MAY1986	UNTDG* -,203,1986

USA	REG	AIR	OCC	PEL	TWA: 0.5 MG/M3, SKIN ABSORPTION	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REC	AIR	OCC	TLV	TWA: 0.1 MG/M3 OF RESPIRABLE SIZES.		SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	AIR	OCC	RSTR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CO	4AUG1975	APR1983 CFRUS* 40(162.31), 55, 1981
		USE		CLASS	NTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT		
		USE		RQR	T ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE		
		LABEL			LIMITED TO USE BY OR UNDER THE DIRECT SUPERV		
					ISION OF A CERTIFIED APPLICATOR, AND MUST BE		
					SO LABELLED ALONG WITH THE WORDS "RESTRICTED		
					USE PESTICIDE" AND A SUMMARY OF THE TERMS OF		
					RESTRICTIONS		
USA	REG	FEED		ARL	SPECIFIED ANIMAL FEED PRODUCTS : 3-6 MG/KG OF	JUL1983 CFRUS* 21(561), 523, 1981	
					PARAQUAT ION AFTER APPLICATION OF THE BIS (M		
					ETHYL SULFATE) OR DICHLORIDE SALTS. (AMENDED:		
					FEREAC 48, 7730, 1983)		
USA	REG	FOOD	AGRIC	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN	APR1983 CFRUS* 40(180), 152, 1981	
		FEED			D ANIMAL PRODUCTS): 0.01-5MG/KG OF PARAQUAT		
					DERIVED FROM APPLICATION OF THE BIS(METHYL SU		
					LFATE) OR THE DICHLORIDE SALT, CALCULATED AS		
					THE CATION (AMENDED: FEREAC 46, 51614, 1981;		
					48, 7737, 1983; 48, 13172, 1983; 49, 882, 1984)		
USA	REG	FOOD		ARL	RESIDUE TOLERANCE IN OR ON DRIED HOPS: 0.2MG/	OCT1985 CFRUS* 21, 380, 1981	
					KG (DERIVED FROM THE APPLICATION OF THE BIS(M		
					ETHYL SULFATE) OR DICHLORIDE SALT)		
USA	REG	FOOD		ARL	RESIDUE TOLERANCE IN OR ON DRIED HOPS: 0.2MG/	OCT1985 CFRUS* 21, 380, 1981	
					KG (DERIVED FROM THE APPLICATION OF THE BIS(M		
					ETHYL SULFATE) OR DICHLORIDE SALT)		

E19275000 1,3-BUTADIENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 2200 MG/M3 (1000 PPM), STEL : 2750 MG/M3 (1250 PPM)	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	TWA: 20.0MG/M3; CLV: 40.0MG/M3	MCH1985	HPMZC* 58, -, 1985
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL - PROVEN IN ANI MAL EXPERIMENTS. NO MAK VALUE ESTABLISHED.	-	DFSK** XXI, 16, 1985
DEU	REG	LABEL	-	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	10CT1980	BGBL** I.S.140, 140, 1982
		PACK	-	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.		
		USE	OCC	RSTR	(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).		
DEU	REC	AQ		CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM FUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986	GMBL** 11(G3191A), 173, 1985
		STORE			IN ORDER TO PROTECT WATER, APPROPRIATE SECURI TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN G STORAGE, LOADING AND TRANSPORT.		
		TRNSP			THIS COMPOUND IS INCLUDED IN THE CLASS III CARCINOGENS. (CLASSES I, II AND III EXIST).	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	AIR	EMI	MXL	IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE		
EEC	REG	LABEL		RQR	F - FLAMMABLE. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). KEEP CONTAINER IN A WELL-VENTILAT ED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGN ITION - NO SMOKING (S 16). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).	APR1986	OJEC** L. 106, 18, 1982
		PACK		RQR	IT MUST BE STATED ON THE LABEL IF THE SUBSTAN CE IS NON-STABILIZED BY ENTERING THE WORD "NO N-STABILIZED" AFTER THE NAME OF THE SUBSTANCE		
GBR	REC	AIR	OCC	RECL	8H-TWA: 2200MG/M3 (1000PPM). STEL(10MI-TWA): 2750MG/M3 (1250PPM)	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP		CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE GAS. EMERGENCY ACTION CODE: 2WE (APPLIES TO INHIBI TED BUTADIENE)	28MCH1979	GBRSI* 1702, 1, 1978
		LABEL		RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978	GBRSI* 17, 1, 1983
SUN	REG	LABEL	-	RQR	CLV: 100.0MG/M3 (VAPOUR)	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	OCC	RSTR	3.0MG/M3 1X/D, 1.0MG/M3 AV/D.	AUG1984	PKAV* 3086-84, -, 1984
SUN	REG	AIR	AMBI	MAC	0.05MG/L	OCT1983	PKVO* 2932-83, -, 1983
SWE	REG	AQ	SURF	MAC	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDA NCE LIST OF SUBSTANCES WHICH SHOULD BE LABEL LED ACCORDING TO THEIR CARCINOGENIC POTENTIAL.	28FEB1986	STNAF* 1985:7(Pk29), 1, 1985
		CLASS		CLASS	THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.		
		LABEL		RQR			

USA	REC	AIR	OCC	TLV				SEP1985	ACGIH*	1984-85, 9, 1984
USA	REG	TRNSP	STORE	RQR				APR1986	CFRUS*	29(1910), 411, 1981
USA	REG	USE	OCC	RSTR				APR1986	CFRUS*	29(1910), 419, 1981
USA	REG	AIR	OCC	PEL				APR1986	CFRUS*	29(1910), 673, 1981
USA	REG	TRNSP		RSTR				APR1986	OJEC**	33(126), 613, 1981
				CLASS						
USA	REG	AQ	EMI	RQR				MAY1986	CFRUS*	33(161), 813, 1981
		TRNSP								

TWA: 2200MG/M3 (1000PPM); STEL: 2750MG/M3 (1250PPM). (INTENDED TO BE CHANGED TO TWA: 22MG/M3 (10PPM), INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA)
 SPECIFICATIONS AND TESTS FOR SAFETY RELIEF VALVES ARE LAID DOWN FOR COMPRESSED GAS STORAGE CARGO AND PORTABLE TANKS CONTAINING THIS SUBSTANCE.
 NO POWER OPERATED INDUSTRIAL TRUCK MAY BE USED IN ATMOSPHERES WHERE A HAZARDOUS CONCENTRATION OF THE SUBSTANCE IS PRESENT.
 TWA : 2200 MG/M3 (1000 PPM)
 BUTADIENE, WHEN CARRIED IN BULK, IS CLASSIFIED AS A 'CARGO OF PARTICULAR HAZARD' FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WAREHOUSE FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.
 WHEN CERTAIN SPECIFIED VESSELS CARRYING BUTADIENE IN BULK ARE BOUND FOR OR DEPARTING FROM U.S. PORTS, THE CAPTAIN OF THE VESSEL MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE AND BE GIVEN CERTAIN INFORMATION.

E19625000 CHLOROPRENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	70 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEG REE: MAXIMUM)	AUG1982	SMTBR* 3, 141, 1980
CSK	REG	AIR	OCC	MAC	TWA: 50.0MG/M3; CLV: 100.0MG/M3	MCH1985	HPMZC* 58, -, 1985
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS 11. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	AUG1985 28FEB1986	GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK	8H-TWA: 36MG/M3 (10PPM); 30MI-STEL: 72MG/M3 (20PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=26.7KPA AT 20C)	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL		RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 250 G/KG (25.0 %). (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK		RQR RQR	F - FLAMMABLE. XN - HARMFUL. (NOTE D). EXTREMELY FLAMMABLE (R 12). HARMFUL BY INHALATION (R 20). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). (IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED". AFTER THE NAME OF THE SUBSTANCE.)	APR1986	OJEC** L.106, 18, 1982
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE (APPLIES TO INHIBITED CHLOROPRENE)	28MCH1979	GBRSI* 1702, 1, 1978
GBR	REG	LABEL - PACK -		RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983

EJ0700000 1,3-BUTADIENE, HEXACHLORO-

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	1720 MG/M3 (780 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)	AUG1982	SMTBR* 3, -, 1980
GSK	REG	AIR	OCC	MAC	TWA: 0.25MG/M3, CLV: 0.50MG/M3	MCH1985	HPMZC* 58, -, 1985
DEU	REC	AIR	OCC	MAK	SUSPECT OF CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLISHED. CUTANEOUS ABSORPTION.	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ	STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986	GMBL** 11(G3191A), 173, 1985
SUN	REG	AQ	FOOD	MAC	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	OCT1983	PKVO* 2932-83, -, 1983
SUN	REG	PRO	SURF	PRO	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS	JUN1983	MDUPP* 2823-83, -, 1983
SUN	REG	MRL	AMBI	MAC	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01MG/KG. ADI = 0.001MG/KG (CALCULATED VALUE).	JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	AMBI	MAC	0.001MG/M3 1X/D; 0.0002MG/M3 AV/D (CALCULATED VALUES)	NOV1983	PKAD* 2935-83, -, 1983
SUN	REG	AIR	OCC	MAC	CLV: 0.005MG/M3 (VAPOUR)	JAN1982	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JUN1981	SCHSB* SUPL-6, -, 1982
SUN	REG	SOIL	WASTE	MAC	0.5MG/KG	23NOV1983	STNAF* 1983:6.1, 1983
SUN	REG	CLASS	TRNSP	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	SEP1982	UNTDG* -, 11, 1986
SUN	REG	CLASS	PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.		
SUN	REG	CLASS	WASTE	CLASS	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.		
USA	REG	WASTE	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	WASTE	RSTR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED IN SECTION 302.6 OF THE FEDERAL REGISTER. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH	MAY1983	CFRUS* 40(122.53), 121, 1981

EST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

USA	REG	WASTE	CLASS					10DEC1982	JUN1983	FEREAC 47, 31230, 1982	
USA	REG	MANUF	RQR					40OCT1982	JUN1983	FEREAC 47, 38780, 1982	
USA	REG	AQ	EMI CLASS WASTE MXL							JUL1983	CFRUS* 40(403), 8, 1981
USA	REG	WASTE	CLASS RSTR RQR					19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981	
USA	REG	WASTE	RQR							APR1983	CFRUS* 40(261), 376, 1981
USA	REG	WASTE	CLASS RSTR RQR							APR1983	CFRUS* 40(261), 362, 378, 1981
USA	REC	AIR	OCC TLV							SEP1985	ACGIH* 1984-85, 9, 1984

EL6475000 METHYL ETHYL KETONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
ARG	REG	AIR	OCC	MPC	TWA : 590 MG/M3 (200 PPM), STEL : 885 MG/M3 (22MAY1979	MAY1985	ADECT* 351, -, 1979	
BRA	REG	AIR	OCC	AL	460 MG/M3 (155 PPM) (FOR 48H/WK) (HAZARDOUS D	AUG1982	SMTBR* 3, 144, 1980	
CSK	REC	AIR	AMBI	MAC	EGREE : MEDIUM)	MAY1982	AHEM** SUPPL. 6, -, 1975	
DEU	REG	AIR	EMI	MXL	0.3 MG/M3, AV/D 0.3 MG/M3, AV/0.5 H THIS COMPOUND BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 8H-TWA: 590MG/M3 (200PPM); 30MI-STEL: 1180MG/M3 (400PPM) AVERAGE VALUE, 4X/SHIFT. (VP=10.5 KPA AT 20C). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18.1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985	
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR		10CT1980	BGBL** I.S.140, 140, 1982	
DEU	REC	AQ STORE TRNSP	CLASS		THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1).(THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 =HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. HIGHLY FLAMMABLE (R 11). - KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (ADD. P.954 - S 23). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). NO ADI ALLOCATED.	APR1986	GMBL** 11(G3191A), 173, 1985	
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106, 18, 1982	
FAO/WHO	REC	HUMAN FOOD	ADI			DEC1982	WHFAAC 16, 6, 1981	
GBR	REG	TRNSP LABEL	CLASS RQR		LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2(Y)E	JAN1983	GBRSI# 1702, 1, 1978	
GBR	REC	AIR	OCC	RECL	8H-TWA: 590MG/M3 (200PPM). STEL(10MI-TWA): 885MG/M3 (300PPM)	OCT1985	GNHSE* EH40/85, 1, 1985	

GBR	REG	LABEL	QOR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
IMO	REC	PACK TRNSP MARIN LABEL	RQR CLASS	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
IMO	REC	PACK TRNSP MARIN LABEL	RQR CLASS	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	PACK AIR	MAC	590 MG/M3 (200 PPM)	JUL1986	SAIGLB 27, 195-219, 1985
JPN	REC	CLASS LABEL	RQR CLASS	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1983	JPPDL* -, -, -
SUN	REG	CLASS LABEL	RQR CLASS	1.0 MG/L	OCT1983	PKYVO* 2932-83, -, 1983
SUN	REG	CLASS LABEL	RQR CLASS	CLV: 200.0MG/M3 (VAPOUR)	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	CLASS LABEL	RQR CLASS	0.1MG/M3 1X/D	DEC1983	OBIAV* 2947-83, -, 1983
SWE	REG	CLASS LABEL	RQR CLASS	TWA : 300 MG/M3 (100 PPM) STEL : 600 MG/M3 (300 PPM)	JAN1985	AFS*** 1984:5, 10, 1984
UN	REC	CLASS LABEL	RQR CLASS	'TWA' REFERS TO '1D-TWA'. 'STEL' REFERS TO 'STEL(15MIN-TWA)'. HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	UNTDG* -, 11, 1986
USA	REC	PACK TRNSP MARIN LABEL	PEL TLV	TWA: 590 MG/M3 (200 PPM) TWA: 590MG/M3 (200PPM); STEL: 885MG/M3 (300 PPM)	JUN1974	CFRUS* 29(1910), 673, 1981 ACGIH* 1984-85, 9, 1984
USA	REC	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983	CFRUS* 21, 114, 1981
USA	REC	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	JUL1983	CFRUS* 40(264), 455, 1981
USA	REC	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	CFRUS* 40(261), 358, 1981
USA	REC	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	APR1983	CFRUS* 40(180.1001), 258, 1981
USA	REC	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. (AMENDED: FERAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	APR1983	CFRUS* 40(261), 362, 378, 1981

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	AIR USE OCC OCC	RSTR	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTANCE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE FOR A SPRAY OPERATION) MUST BE SUCH AS TO DILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMICAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 1.8% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING OF EXTERIORS OF BUILDINGS, ETC.)	JUN1983 CFRUS* 29(1910), 166, 1981
USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE METHYL ETHYL KETONE IS RATED AS A NON-PERSISTENT COMPOUND MANUFACTURERS AND PROCESSORS OF METHYL ETHYL KETONE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED	10DEC1982 JUN1983 FEREAC 47, 31230, 1982
USA	REG	MANUF	RQR	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, FOR METHYL ETHYL KETONE THE TOXICITY VALUE IS 2, THE PERSISTENCE VALUE IS 0, THE IGNITABILITY VALUE IS 3 AND THE REACTIVITY VALUE IS 0	4OCT1982 JUN1983 FEREAC 47, 38780, 1982
USA	REG	WASTE	CLASS	RESINOUS AND POLYMERIC COATINGS INTENDED FOR POLYOLEFIN FILMS AND ALLOWED TO BE USED AS FOOD-CONTACT SURFACES OF ARTICLES INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD, MAY BE FORMULATED FROM THIS SUBSTANCE. (AS AN ADJUVANT) THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH FLAME IONIZATION DETECTOR)	10DEC1982 JUN1983 FEREAC 47, 31319, 1982
USA	REG	FOOD	PRMT		JUL1983 CFRUS* 21(175), 130, 1981
USA	REG	WASTE	RQR		APR1983 CFRUS* 40(261), 376, 1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

EM7650000 1-PENTENE

AREA	REG	TYPE	SUBJECT	EMI	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU					MXL	THE SUBSTANCE BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. (APPLIES TO OLEFINIC HYDROCARBONS EXCEPT 1,3-BUTADIENE).	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
GBR	REG	TRNSP LABEL			CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	TRNSP LABEL			RQR	EMERGENCY ACTION CODE: 3(Y)E	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
					CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.			
					RQR	EMERGENCY ACTION CODE: 3(Y)E			

E01400000 N-BUTYL ALCOHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 150 MG/M3 (50 PPM) (SKIN ABSORPTION), S 22MAY1979 MAY1985 ADECT* 351, -, 1979		
CSK	REG	AIR	OCC	MAC	TEL : 150 MG/M3 (50 PPM) (SKIN ABSORPTION)		
DEU	REC	AIR	OCC	MAK	TWA: 100.0MG/M3; CLV: 200.0MG/M3 8H-TWA: 300MG/M3 (100PPM); 30MI-STEL: 600MG/M3 3 (200PPM) AVERAGE VALUE, 4X/SHIFT. (INCL. ALL ISOMERS) (VP=0.4-4KPA AT 20C).	MCH1985	AUG1985 HPMZC* 58, -, 1985 JAN1986 DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	ALKYLALCOHOLS BELONG TO CLASS III THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE	RQR RQR RSTR	RQR RQR RSTR	THIS SOLVENT IS CLASSIFIED IN CLASS IID THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		APR1986 GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	XN - HARMFUL, FLAMMABLE (R 10). HARMFUL BY INHALATION (R 20). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IT MUST BE STATED ON LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.		APR1986 OJEC** L.106, 18, 1982

E01750000 S-BUTYL ALCOHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 450 MG/M3 (150 PPM), STEL : 450 MG/M3 (22MAY1979	MAY1985 ADECT* 351,-,1979
DEU	REC	AIR	OCC	MAK	8H-TWA: 300MG/M3 (100PPM); 30MI-STEL: 600MG/M	JAN1986 DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	3 (200PPM) AVERAGE VALUE, 4X/SHIFT. (INCL. AL	
					L ISOMERS) (VP=0.4-4KPA AT 20C).	
					FOR LABEL AND PACKAGING SEE EEC (OJEC L106,	
					18,1982).	
					HANDLING OF SOME GROUPS OF CHEMICALS (INCL.	
					CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN	
					IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND	
					S), IS PROHIBITED OR RESTRICTED FOR PREADULTS	
					AND PREGNANT OR NURSING WOMEN.	
					(BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.	
					2069, 1980 AS LAST AMENDED BY THE REFERENCE	
DEU	REC	AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM	APR1986 GMBL** 11(G3191A), 173, 1985
					FUL TO WATER (CLASS 1).(THE DIFFERENT CLASSES	
					ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS	
					1 = SLIGHTLY HARMFUL; CLASS 2 =HARMFUL; CLASS	
					3 = VERY HARMFUL).	
					IN ORDER TO PROTECT WATER, APPROPRIATE SECURI	
					TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN	
					G STORAGE, LOADING AND TRANSPORT.	
EEC	REG	LABEL PACK		RQR RQR	XN - HARMFUL. FLAMMABLE (R 10). HARMFUL BY IN	APR1986 OJEC** L.106, 18, 1982
					HALATION (R 20). KEEP AWAY FROM SOURCES OF IG	
					NITION - NO SMOKING (S 16). IT MUST BE STATED	
					ON LABEL WHETHER IT IS A SPECIFICISOMER OR A	
					MIXTURE OF ISOMERS.	
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR	HARMFUL SUBSTANCE (CLASS 11/D). MEMBER STATES	1JAN1984 APR1986 OJEC** L213, 17, 1982
					SHALL ENSURE THAT DANGEROUS PREPARATIONS (SO	
					LVENTS) ARE NOT PLACED ON THE MARKET UNLESS T	
					HEIR PACKAGES AND FASTENINGS AND LABELS COMPL	
					Y WITH THE REQUIREMENTS LAID DOWN	
EEC	REG	GOODS FUEL		PRMT RQR	MEMBER STATES MAY NOT PREVENT OR DISCOURAGE,	01JAN1988 FEB1986 OJEC** L334, 20-22, 1985
					ON GROUNDS OF OXYGENATE CONTENT, THE PRODUCTI	
					ON, MARKETING AND FREE MOVEMENT OF BLENDED PE	
					TROL CONTAINING SEC-BUTYL ALCOHOL UP TO 7% (V	
					OL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAI	
					NING MORE THAN 10% (VOL.) OF SEC-BUTYL ALCOHO	
					L SHALL BE VERY CLEARLY MARKED ACCORDINGLY TO	
					MAKE ACCOUNT IN PARTICULAR OF VARIATIONS IN	
					THE CALORIFIC VALUE OF SUCH FUELS	
GBR	REC	AIR	OCC	RECL	8H-TWA: 450MG/M3 (150PPM) (INTENDED CHANGES:	OCT1985 CNHSE* EH40/85, 1, 1985
					8H-TWA: 300MG/M3 (100PPM). STEL(10MI-TWA):	
					450MG/M3 (150PPM)	
GBR	REG	TRNSP LABEL		CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.	28MCH1979 JAN1983 GBRSI* 1702, 1, 1978
					EMERGENCY ACTION CODE: 2(S)	
GBR	REG	LABEL PACK USE	- - OCC	RQR RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC**	1SEP1978 APR1986 GBRSI* 17, 1, 1983
					L.106,18,1982)	

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SUN SWE	REG AQ REG AIR	SURF OCC	MAC HLV	0.2MG/L TWA: 150MG/M3 (50PPM) (SKIN ABSORPTION); STEL: 250MG/M3 (75PPM) TWA: REFERS TO '1D-TWA' STEL: REFERS TO 'STEL(15MI-TWA)' TWA: 305 MG/M3 (100 PPM); STEL: 455 MG/M3 (150 PPM) TWA : 450 MG/M3 (150 PPM)	OCT1983 SEP1985 PDKVO* 2932-83, -, 1983 01JAN1985 JAN1985 AFS*** 1984:5, 10, 1984
USA	REG AIR	OCC	TLV	SEP1985 ACGIH* 1984-85, 9, 1984	
USA	REG AIR	OCC	PEL	APR1986 CFRUS* 29(1910), 673, 1981	

E01925000 TERT-BUTYLALCOHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	10OCT1980	JUN1986 BGBL** I.S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	CLASS RQR RQR RSTR	1JAN1984	APR1986 OJEC** L213, 17, 1982
EEC	REG	GOODS FUEL	PRMT RQR	PRMT RQR	01JAN1988	FEB1986 OJEC** L334, 20-22, 1985

8H-TWA: 300MG/M3 (100PPM); 30MI-STEL: 600MG/M3 (200PPM) AVERAGE VALUE, 4X/SHIFT. (INCL. ALKYLALCOHOLS BELONG TO CLASS III) THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

F - FLAMMABLE. XN - HARMFUL. HIGHLY FLAMMABLE (R 11). HARMFUL BY INHALATION (R 20). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16).

HARMFUL SUBSTANCE (CLASS II/D). MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

MEMBER STATES MAY NOT PREVENT OR DISCOURAGE, ON GROUNDS OF OXYGENATE CONTENT, THE PRODUCTION, MARKETING AND FREE MOVEMENT OF BLENDED PETROL CONTAINING TERT-BUTYL ALCOHOL UP TO 7% (VOL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 7% (VOL.) OF TERT-BUTYL ALCOHOL SHALL BE VERY CLEARLY MARKED ACCORDING TO THE CALORIFIC VALUE OF SUCH FUELS.

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GBR	REC	AIR	OCC	RECL	8H-TWA: 300MG/M3 (100PPM). STEL(10MI-TWA): 450MG/M3 (150PPM)	OCT1985 GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL		CLASS	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.	28MCH1979 JAN1983 GBRSI* 1702, 1, 1978
GBR	REG	LABEL PACK USE	-	RQR	EMERGENCY ACTION CODE: 2(S)E FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978 APR1986 GBRSI* 17, 1, 1983
SUN	REG	AIR	OCC	RSTR	0.3MG/M3 1X/D	DEC1983 SEP1985 OBUAV* 2947-83, -, 1983
SUN	REG	AQ	AMB I	PSL	1.0MG/L	OCT1983 SEP1985 PDKVO* 2932-83, -, 1983
SWE	REG	AIR	SURF	MAC	TWA: 150MG/M3 (50PPM) (SKIN ABSORPTION).	01JAN1985 JAN1985 AFS*** 1984:5, 10, 1984
			OCC	HLV	STEL: 250MG/M3 (75PPM).	
USA	REC	AIR	OCC	TLV	'TWA' REFERS TO '1D-TWA'.	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	AIR	OCC	PEL	'STEL' REFERS TO 'STEL(15MI-TWA)'. TWA: 300 MG/M3 (100 PPM); STEL: 450 MG/M3 (150 PPM). TWA: 300MG/M3 (100PPM)	APR1986 CFRUS* 29(1910), 673, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
E03325000	2-AMINOBUTANE						
DEU	REG	FOOD	ANI	MRL	29APR1984	JUN1986	BGBL** I.S. 635, 635-643, 1984
					OF ANIMAL ORIGIN (SPECIFIED): 1.0MG/KG WMT OF ANIMAL ORIGIN (GENERAL): 0.01MG/KG WMT (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I.S. 1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)		
DEU	REG	FOOD		MRL	29APR1984	JUN1986	BGBL** I.S. 635, 635-643, 1984
					SPECIFIED PLANT PRODUCTS: 0.5-30.0MG/KG. OTHER PLANT PRODUCTS: 0.5MG/KG. (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).		
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
					8H-TWA: 15MG/M3 (5PPM); 30MI-STEL: 75MG/M3 (2 5PPM) AVERAGE VALUE, 2X/SHIFT. (INCL. ALL ISO MERS) (CUTANEOUS ABSORPTION) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
					HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).		
EEC	REG	LABEL PACK		RQR RQR		APR1986	OJEC** L. 106, 18, 1982
					F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMA BLE (R 11). IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13) . KEEP AWAY FROM SOURCES OF IGNITION - NO SM OKING (S 16). DO NOT EMPTY INTO DRAINS (S 29).		
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR		APR1986	OJEC** L144, 1, 1984
					PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E. WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50% AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		
FAO/WHO	REC	FOOD FOOD FEED		ADI GL GL		APR1986	FPPDD 62, 80, 1985
					ADI WITHDRAWN. MRL: DRIED CITRUS PULP: 100MG/KG; DRIED CITRU S PULP, CITRUS MOLASSES: 50MG/KG; CITRUS FRUI T: 30MG/KG; KIDNEY OF CATTLE AND GOATS: 3MG/K G; KIDNEY AND LIVER OF CATTLE, GOATS, PIGS AN D SHEEP: 2MG/KG; MILK: 1MG/KG; CITRUS JUICE MILK AND MILK PRODUCTS: 0.5MG/KG; LIVER OF CA TTLE AND GOATS: 0.2MG/KG; MEAT OF CATTLE, GOA TS, PIGS AND SHEEP: 0.1MG/KG; MILK PRODUCTS: MRL WITHDRAWN. (EXPRESSED AS THE FREE BASE)		

GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106,	APR1986	GBRSI* 17, 1, 1983
GBR	REG	PACK -	RQR	18, 1982).		
		USE	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMIT		
SWE	REG	FOOD	MTC	ATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983	APFC** -, 89, 1983
USA	REG	FEED	ARL	CITRUS FRUITS : 30 MG/KG	JUN1986	STLIF* 1984: 13, 1, 1984
USA	REG	AQ	EMI	SPECIFIED ANIMAL FEED PRODUCTS : 90 MG/KG	JUL1983	CFRUS* 21(561), 523, 1981
				THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE	MAY1983	CFRUS* 40(116), 33, 1981
				S, AND SOLUTIONS AND MIXTURES CONTAINING THE	01JAN1985	
				SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST		
				ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI		
				LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI		
				ION CONTROL ACT.		
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT	MAY1983	CFRUS* 40 (117), 44, 1981
			RSTR	OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR		
				ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US		
				GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC		
				E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL		
				INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA		
				L TO OR MORE THAN 454 KG (OF BUTYLAMINE) IN A		
				NY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOL		
				ATION OF THE FEDERAL WATER POLLUTION CONTROL		
				ACT.		
USA	REG	FOOD	AGRIC-ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN	APR1983	CFRUS* 40(180), 152, 1981
		FEED		D ANIMAL PRODUCTS) : 0.75-30 MG/KG		

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EU9800000 CADMIUM							
ARG	REG AQ	EMI	PL	INDUSTRIAL EFFLUENTS - PERMISSIBLE LIMIT: 0.1 MG/L	15SEP1978	MCH1982	ADECP# 2125,-,
CMEA	REC FOOD		MPC	LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCT S: MILK PRODUCTS: 0.01-0.1MG/KG; MEAT PRODUCT S: 0.1-1.0MG/KG; FISH PRODUCTS: 0.05MG/KG; CEREALS: 0.1MG/KG; VEGETABLES: 0.03-0.2MG/KG (DRY); 0.3MG/KG); FRUITS: 0.03-0.05MG/KG (DRY); 0.5MG/KG); BABY FOODS: 0.02-0.05MG/KG; OTHER FOODS: 0.02-0.5MG/KG; BEVERAGES: 0.01-0.05MG/KG (APPLIES TO CADMIUM AND ITS COMPOUNDS, CALCULATED AS CADMIUM).	1983	OCT1985	PDVMP# -, -, 1983
CSK	REG	HUMAN FOOD	MPC	LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.02MG/KG (FOOD, GENERAL); 0.01MG/L (BEVERAGES, GENERAL) (APPLIES TO CADMIUM AND ITS COMPOUNDS).	OCT1978	MAY1982	HPMZC* 43,-, 1978
CSK	REG AQ	SURF	MAC	0.3 MG/L (APPLIES ALSO TO COMPOUNDS)	APR1975	MAY1982	SZCSR* 9,125,1975
CSK	REG AQ	DRINK	MAC	0.01 MG/L (APPLIES ALSO TO COMPOUNDS)	JAN1975	MAY1982	CSNOR* 830611,-, 1974
CSK	REG AQ	SURF	MAC	0.01MG/L (DRINKING WATER RESERVE) (APPLIES ALSO TO COMPOUNDS)	APR1975	MAY1982	SZCSR* 9,125,1975
CSK	REG GOODS		PRO	PROHIBITED IN COSMETICS (APPLIES TO CADMIUM AND ITS COMPOUNDS)	JAN1971	MAY1982	HPMZC* 32,-, 1970
CSK	REC AIR	AMBI	MAC	0.003 MG/M3, AV/D		MAY1982	AHEM** SUPPL. 6,-, 1975
CSK	REG AIR	OCC	MAC	0.01 MG/M3, AV/0.5 H (INORGANIC COMPOUNDS) TWA: 0.05MG/M3, CLV: 0.1MG/M3 (CALCULATED AS CD) (APPLIES TO CD AND ITS COMPOUNDS)	MCH1985	AUG1985	HPMZC* 58,-, 1985
DEU	REG FOOD		MRL	PLANT(ALL) 0 MG/KG (NATURAL OCCURRENCE NOT INCLUDED) (APPLIES TO CADMIUM COMPOUNDS) (PFLANZENSCHUTZMITTEL-HOCHSTIMMENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635,635-643, 1984
DEU	REC AIR	OCC	MAK	CADMIUM AND ITS COMPOUNDS ARE SUSPECTED OF CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLISHED. (CADMIUM OXIDE, CADMIUM SULFATE AND ALSO CADMIUM SULFIDE AS STARTING MATERIAL IN TECHNICAL PROCESSES ARE SPECIFICALLY MENTIONED)		JAN1986	DFSK** XXI, 16, 1985
DEU	REG AQ	DRINK	MPC	0.006 MG/L (0.05 MMOL/M3) (CALCULATED AS CD) (BGBL I.S.453, 1975 AS LAST AMENDED BY THE REFERENCE GIVEN).	31JAN1976	NOV1982	BGBL** I. S. 764, 764, 1980
DEU	REC AIR	OCC	BAT	BLOOD: 15UG/L & URINE: 15UG/L (CALCULATED AS CD). CADMIUM CHLORIDE AND OTHER CADMIUM COMPOUNDS OF THE SAME SOLUBILITY ARE CONSIDERED AS CARCINOGENIC AND NO SAFE CONCENTRATION RANGE IS ESTABLISHED.		JAN1986	DFSK** XXI, 80, 1985
DEU	REG USE	AGRIC	PRO	APPLIES TO CADMIUM COMPOUNDS PROHIBITION OF APPLICATION AS AN ACTIVE SUBSTANCE IN PESTICIDES	FEB1981	DEC1985	BGBL** IS 2335, 2335, 1980
DEU	REG AQ	EMI	RQR	WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY CONTAIN AN ANNUAL AMOUNT OF 100G OR MORE OF CADMIUM AND ITS COMPOUNDS.	01JAN1978	APR1985	BGBL** IS2721, 2721, 1976

EEC REG AQ GRND RQR 26JAN1982 APR1986 OJEC** L20,43,1980

EEC REG AQ WASTE RQR PRO

MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF CADMIUM COMPOUNDS INTO GROUNDWATER BY:
 A) PROHIBITING ALL DIRECT DISCHARGES;
 B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES;
 C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.
 QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS).

10NOV1981 APR1986 OJEC** L281,47,1979

EEC REG AQ MARIN RQR

MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.
 CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO ELIMINATE POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.
 LIMIT VALUES FOR CADMIUM IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OR MONTHLY AVERAGE LOAD/KG CD HANDLED)
 WHICH ARE TO BE COMPLIED WITH BY A) 1.1.1986 AND B) 1.1.1989 ARE FOR:
 1. ZINC MINING, LEAD AND ZINC REFINING, CADMIUM AND NON-FERROUS METAL INDUSTRY: A) 0.3MG/L OF DISCHARGE B) 0.2MG/L OF DISCHARGE.
 2. MANUFACTURE OF CADMIUM COMPOUNDS: A) 0.5MG/L OF DISCHARGE OR 0.5G/KG CD HANDLED;
 B) 0.2MG/L DISCHARGE.
 3. MANUFACTURE OF PIGMENTS: A) 0.5MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
 4. MANUFACTURE OF STABILIZERS: A) 0.5MG/L OF DISCHARGE OR 0.5G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
 5. MANUFACTURE OF PRIMARY AND SECONDARY BATTERIES: A) 0.5MG/L OF DISCHARGE OR 1.5G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
 6. ELECTROPLATING: A) 0.5MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
 7. MANUFACTURE OF PHOSPHORIC ACID AND/OR PHOSPHATIC FERTILIZERS FROM PHOSPHATIC ROCK: A) - B) - (AT PRESENT THERE IS NO ECONOMICALLY FEASIBLE TECHNIQUE FOR EXTRACTING CADMIUM FROM SUCH DISCHARGES.
 (REFERENCE METHOD FOR MONITORING: AAS)
 WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)

APR1986 OJEC** L194,5,1975

EEC REG AQ MARIN RQR RSTR

24OCT1985 APR1986 OJEC** L291,1,1983

EEC REG AQ WASTE MXL AQ FRESH AQ MARIN

(REFERENCE METHOD FOR MONITORING: AAS)
 WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)

01JAN1985 APR1986 OJEC** L378,1-14,1982

EEC REG WASTE - RQR AQ MARIN RQR

(REFERENCE METHOD FOR MONITORING: AAS)
 WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)

01JAN1985 APR1986 OJEC** L378,1-14,1982

EEC REG WASTE AQ FRESH RQR

WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)

01OCT1985 MCH1986 OJEC** L272,1-20,1985

EEC REG WASTE EXPRT IMPRT RQR RQR RQR

WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO THE COMMUNITY OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES). (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31.1984 - AS AMENDED BY THE REFERENCE GIVEN)

31MCH1980 FEB1986 OJEC** L84,43-48,1978

EEC REG WASTE INDST RSTR RQR CLASS

WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THESE PLANS PUBLIC.

OR DUST CONTAINING CADMIUM AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED. (APPLIES TO CADMIUM AND ITS COMPOUNDS). A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS CADMIUM IN AN AMOUNT EXCEEDING 5UG/L. THE RESULTS SHOULD BE EXPRESSED IN CG UG/L.

21FEB1985 AUG1986 GBRSI* 71,1,1985

JUL1986 SAICLB 27, 195-219, 1985

DEC1982 QEJPN* -, 385, 1981

DEC1982 QEJPN* -, 400, 1981

DEC1982 QEJPN* -, 390, 1981

JUL1983 JPPDL* -, -,

01APR1979 APR1985 JPNMM* -, -, 1979
27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973

27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973
27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973
OCT1983 SEP1985 PDKVO* 2932-83, -, 1983

JUN1982 PDKTV* -, -, 1978

OCT1985 VGNEP* 2450-81, -, 1982

01JAN1985 JAN1985 AFS*** 1984:5, 10, 1984

1JUL1980 OCT1982 SVENF* 1980:84, 1, 1980

1JUL1982 OCT1982 STNAF* 1981:5(PK:13, 1, 1981

VALUES ARE: TWA
ENVIRONMENTAL WATER QUALITY STANDARD : < 0.01
MG/L AS AN ABSOLUTE MAXIMUM VALUE
EFFLUENT STANDARD : 0.1 MG/L OF CADMIUM AND ITS
COMPOUNDS

EMISSION STANDARD FOR SPECIFIED FACILITIES :
1.0 MG/NM3 OF CADMIUM AND ITS COMPOUNDS
THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO CADMIUM COMPOUNDS)

1) 0.01 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION

2) 0.01 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES

3) 0.005 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES
0.001 MG/L IN COASTAL WATERS
0.01 MG/L IN ESTUARIES

0.001MG/L (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS CADMIUM)
SURFACE WATER FOR FISHING: 5UG/L; SEA WATER: 0.01MG/ML (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS CADMIUM)

LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 0.1MG/KG; MEAT PRODUCTS: 0.05MG/KG; MILK PRODUCTS: 0.01MG/KG; CEREALS: 0.022MG/KG; VEGETABLES, FRUIT: 0.03MG/KG; BEVERAGES: 0.002MG/KG (APPLIES TO CADMIUM AND ITS COMPOUNDS, CALCULATED AS CADMIUM)

1D-TWA: 0.02MG/M3 OF RESPIRABLE DUST. (FOR NEW AND RENOVATED PLANTS A 1D-TWA OF 0.01MG/M3 (AS CD) FOR RESPIRABLE DUST OF CADMIUM IS DESIRED)

CADMIUM COMPOUNDS MAY NOT BE USED FOR SURFACE TREATMENT, AS A STABILIZER OR COLOURING AGENT. PRODUCTS WHOSE SURFACES HAVE BEEN TREATED WITH A CADMIUM COMPOUND OR WHICH CONTAIN SUCH A COMPOUND AS A STABILIZER OR PIGMENT MAY NOT BE IMPORTED COMMERCIALY. THE PRODUCT CONTROL BOARD MAY ISSUE REGULATIONS ON DEPARTURES FROM THE PROVISIONS MENTIONED ABOVE, OR IN SPECIAL CASES MAY GRANT EXEMPTION FROM THE PROVISIONS.

DEVIATIONS FROM THE BAN ON THE USE OF CADMIUM COMPOUNDS FOR SURFACE TREATMENT OR AS A STABILIZER OR AS A COLOURING AGENT ARE LISTED.

GBR REG FOOD AQ DRINK MRL

JPN REC AIR OCC MAC

JPN REG AQ AMBI MXL

JPN REG AQ EMI MPC

JPN REG AIR EMI MXL

JPN REG CLASS LABEL SALE RQR RSTR MPC

JPN MEX REG AQ DRINK AMBI MPC

MEX REG AQ AMBI MPC
MEX REG AQ AMBI MPC
SUN REG AQ SURF MAC

SUN REG AQ SURF MAC

SUN REG FOOD MPC

SWE REG AIR OCC HLV

SWE REG USE SALE PRO

SWE REG USE SALE PRO

SWE	REG	WASTE	RQR	ENTERPRISES WHERE WASTE CONSISTING OF SURFACE TREATMENT PRODUCTS CONTAINING CADMIUM OCCURS ARE REQUIRED TO REPORT THE TYPE, CONTENT, QUANTITY AND HANDLING OF THE WASTE TO THE HEALTH AUTHORITIES. PERMISSION FROM THE AUTHORITIES IS REQUIRED FOR THE TRANSPORT, HANDLING AND EXPORT OF SUCH WASTE.	JUL1975	JUN1983 SVENF# 1975:346,1,1975
SWE	REG	CLASS LABEL	CLASS RQR	CADMIUM AND ITS INORGANIC COMPOUNDS ARE INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CADMIUM COMPOUNDS EXCEPT CADMIUM SELENIDE AND CADMIUM SULFIDE). BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.01 MG/L THE FOOD ADDITIVE BAKERS YEAST PROTEIN : 0.1 MG/KG TWA: 0.05MG/M3; STEL: 0.2MG/M3 (AS DUST AND SALTS, CALCULATED AS CD) (STEL VALUE INTENDED TO BE DELETED)	28FEB1986	JUN1986 STNAT# 1985:7(PK29),1,1985
UN	REG	TRNSP LABEL PACK	CLASS		SEP1982	UNTDG# -,11,1986
USA	REG	AQ DRINK	MPC		JUL1983	CFRUS# 21,52,1981
USA	REG	FOOD	MPC		JUN1983	CFRUS# 21,37,1981
USA	REG	AIR OCC	TLV		SEP1985	ACGIH# 1984-85,9,1984
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO CADMIUM AND ITS COMPOUNDS) THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 30 MG/KG (OF HEAVY METALS)	19NOV1980	JUL1983 CFRUS# 40(261),358,1981
USA	REG	FOOD	MPC		JUN1983	CFRUS# 21(173),114,1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)) PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO HAVE REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION, C) THE LEVEL	APR1983	CFRUS# 40(261),362,378,1981
USA	REG	AQ EMI WASTE	RQR		18JUL1980	MAY1983 CFRUS# 40(122.53),121,1981

USA	REG	FOOD GOODS	MPC	CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : TRACES-0.003% (0.03 G/KG) OF HEAVY METALS, EXCEPT PB AND AS (BY PRECIPITATION AS SULFIDES)	MAY1983	CFRUS* 21(82), 308, 1981	
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (ATOMIC ABSORPTION-FURNACE/FLAME)	APR1983	CFRUS* 40(261), 376, 1981	
USA	REG	WASTE	MPC CLASS RSTR	ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 1.0 MG/L OF THIS SUBSTANCE	APR1983	CFRUS* 40(261), 360, 1981	
USA	REG	WASTE - AQ	RQR MPC	FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF CADMIUM IN GROUND WATER TO EXCEED 0.01 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED. (FURTHER RESTRICTIONS APPLY IF THE SOLID WASTE IS APPLIED WITHIN ONE METER OF LAND USED FOR THE PRODUCTION OF FOOD-CHAIN CROPS)	15OCT1979	APR1983	CFRUS* 40(257), 332, 335, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEBRUARY 46, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CADMIUM AND ITS COMPOUNDS)	JUL1983	CFRUS* 40(264), 455, 1981	
USA	REG	AQ	MARIN MPC EMI	PROHIBITS OCEAN DUMPING OF ANY MATERIALS CONTAINING MORE THAN A TRACE OF THIS SUBSTANCE, UNLESS IT IS SHOWN THE SUBSTANCE IS PRESENT ONLY IN A NON-TOXIC AND NON-BIOACCUMULATIVE FORM. INTERIM CRITERIA DEFINE "TRACE" AS LESS THAN 0.6 MG/KG OF ANY SOLID MATERIAL, OR LESS THAN 50% MORE THAN THE AVG TOTAL CADMIUM CONTENT OF SIMILAR NATURAL SEDIMENTS AT THE DISPOSAL SITE (APPLIES TO CADMIUM AND CADMIUM COMPOUNDS)	APR1983	CFRUS* 40(227), 197, 1981	
USA	REG	WASTE - AQ	RQR	AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYPES OF HAZARDOUS WASTE STORAGE, TREATMENT OR DISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE. (AMENDED: FEBRUARY 47, 1254, 1982 (INTERIM); 47, 842, 1982 (INTERIM); 47, 32274, 1982)	19NOV1980	APR1983	CFRUS* 40 (265), 483/536, 1981
USA	REG	RMV USE	RSTR	ORGANIC PESTICIDE COMPOUNDS CONTAINING THIS SUBSTANCE MUST NOT BE OPENLY BURNED, NOR MAY THEIR CONTAINERS BE OPENLY BURNED. PROPER DISPOSAL PROCEDURES ARE OUTLINED.	1MAY1974	APR1983	CFRUS* 40 (165.7), 102, 1981
USA	REG	AIR	PEL	TWA: 0.2 MG/M3 OF CADMIUM DUST; CLV: 0.6 MG/M3 OF CADMIUM DUST. TWA: 0.1 MG/M3 OF CADMIUM FUME; CLV: 0.3MG/M3 OF CADMIUM FUME	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	AQ	DRINK MPC RQR	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.01MG/L OF CADMIUM. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	24DEC1976	MAY1983	CFRUS* 40, 309, 1981

11/259

0.01MG/L (DITHIZONE METHOD). (TENTATIVE LIMIT)
TWA: 10UG/M3 OF CADMIUM FUMES AND RESPIRABLE
DUST (TENTATIVE). BIOLOGICAL LIMITS OF 5UG CD
/L WHOLE BLOOD AND 5UG CD/G CREATININE IN URI
NE ARE ALSO RECOMMENDED.
0.005 MG/L

WHO	REC	AQ	DRINK	MXL
WHO	REC	AIR	OCC	MXL
WHO	REC	AQ	DRINK	GL

DEC1982 WHISD* 3, 32, 1971
DEC1982 WHOTAC 647, 3, 1980

MCH1983 WHODW* -, 15, 1983

RECOMMENDATIONS-LEGAL MECHANISMS

EU9810000 CADMIUM ACETATE

AREA	TYPE	REG	AQ	EMI	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
USA	REG	AQ		EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(116), 33, 1981
USA	REG	AQ		EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 45.4KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(117), 44, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
EV0175000		CADMIUM CHLORIDE				
ARG DEU	REG REC	AIR AIR	OCC OCC	MPC MAK	22MAY1979 JAN1986	ADECT* 351, -, 1979 DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	01OCT1980	BGBL** I. S. 140, 140, 1982
EEC	REG	LABEL PACK		RQR RQR	APR1986	OJEC** L106, 18, 1982
GBR	REG	LABEL PACK USE		RQR RQR AGRIC PRO	APR1986	GBRSI* 17, 1, 1983
GBR	REC				JAN1985	GBCPR* -, 16, 1965
SWE USA USA	REG REG REC	CLASS AQ AIR	EMI OCC	CLASS HARMQ TLV	23NOV1983 12JUN1978 12JUN1978	STNAF* 1983:6, 1, 1983 FEREAC 43, 10489, 1978 FEREAC 43, 10489, 1978 ACGIH* 1984-85, 9, 1984
USA	REG	AQ	EMI	CLASS	MAY1983	CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	RQR RSTR	MAY1983	CFRUS* 40(117), 44, 1981

TWA : 0.05 MG/M3, STEL : 0.15 MG/M3
CADMIUM CHLORIDE AS RESPIRABLE DUST/AEROSOLS
IS LISTED AS A CARCINOGENIC WORKING MATERIAL
PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE
ESTABLISHED.

FOR LABEL AND PACKAGING, SEE EEC (OJEC** L106
, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICA
LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,
TERATOGENIC, EXPLOSIVE AND EASILY FLAMMABLE
COMPOUNDS IS PROHIBITED OR RESTRICTED FOR
PREADULTS AND PREGNANT OR NURSING WOMEN.
(BGBL I. S. 1071/1536/2159, 1980 AND BGBL I. S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

T - TOXIC. TOXIC BY INHALATION AND IF SWALLOW
ED (R 23/25). DANGER OF CUMULATIVE EFFECTS (R
33). POSSIBLE RISKS OF IRREVERSIBLE EFFECTS
(R 40). DO NOT BREATHE DUST (S 22). IF YOU FE
EL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABE
L WHERE POSSIBLE) (S 44).

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18, 1982).

APPLIES TO CADMIUM COMPOUNDS SUCH AS CADMIUM
CHLORIDE OR CADMIUM CARBONATE. WITHDRAWAL OF
ALL PESTICIDAL USES IN AGRICULTURE, HORTICULT
URE AND HOME GARDENING BECAUSE EVIDENCE SHOWE
D THAT THESE COMPOUNDS COULD BE CARCINOGENIC

GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE
45.4KG/24H
HAZARDOUS SUBSTANCE

TWA: 0.05MG/M3; STEL: 0.2MG/M3 (WITH CADMIUM
DUST AND OTHER CADMIUM SALTS, CALCULATED AS
CD). (STEL VALUE INTENDED TO BE DELETED).

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
S AND SOLUTIONS AND MIXTURES CONTAINING THE
SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST
ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI
LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI
ON CONTROL ACT.

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT
OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR
ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US
GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC
E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL
INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA
L TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERI
OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
DERAL WATER POLLUTION CONTROL ACT.

AREA	TYPE SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
EV0260000	CADMIUM COMPOUNDS				
DEU	REG FOOD	MRL	PLANT(ALL) 0 MG/KG (NATURAL OCCURRENCE NOT IN CLUDED) (PFLANZENSCHUTZMITTEL-HOCHSTWERTENVERORDNUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). CADMIUM AND ITS COMPOUNDS ARE SUSPECTED OF CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLISHED. (CADMIUM OXIDE, CADMIUM SULFATE AND ALSO CADMIUM SULFIDE AS STARTING MATERIAL IN TECHNICAL PROCESSES ARE SPECIFICALLY MENTIONED). PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS HARMFUL WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 1 G CD/KG (0.1%) (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBl** I.S.635,635-643,1984
DEU	REC AIR	OCC		JAN1986	DFSK** XXI,16,1985
DEU	REG LABEL	RQR		10OCT1980	JUN1986 BGBl** I.S.140,140,1982
DEU	REG LABEL PACK USE	RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L106 ,18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND NURSING WOMEN. (BGBl I.S.1071/1536/2159,1980 AND BGBl I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	01OCT1980	JUN1986 BGBl** I.S.140,140,1982
DEU	REC AIR	OCC	BLOOD: 15UG/L & URINE: 15UG/L (CALCULATED AS CD). CADMIUM CHLORIDE AND OTHER CADMIUM COMPOUNDS OF THE SAME SOLUBILITY ARE CONSIDERED AS CARCINOGENIC AND NO SAFE CONCENTRATION RANGE IS ESTABLISHED. WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY CONTAIN AN ANNUAL AMOUNT OF 100G OR MORE OF CADMIUM AND ITS COMPOUNDS. IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW PLANTS THE FOLLOWING IMMISSION VALUES (IM'S) - SET TO PROTECT AGAINST ADVERSE AND NUISANCE EFFECTS - SHOULD BE TAKEN INTO ACCOUNT: IWT = 5UG/M2 PER DAY OF PRECIPITATING DUST OF CADMIUM AND INORGANIC CADMIUM COMPOUNDS, CALCULATED AS CD.	JAN1986	DFSK** XXI,80,1985
DEU	REC AQ	EMI		01JAN1978	APR1985 BGBl** IS2721,2721,1976
DEU	REC AIR	IMI		28FEB1986	JUN1986 GMBL** 7,93-143,1986
DEU	REC AIR	IMI	IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW PLANTS THE FOLLOWING IMMISSION VALUES (IM'S) SET TO PROTECT AGAINST HEALTH RISKS SHOULD BE TAKEN INTO ACCOUNT: IWT = 0.04UG/M3 OF DUST OF CADMIUM AND INORGANIC CADMIUM COMPOUNDS, CALCULATED AS CD.	28FEB1986	JUN1986 GMBL** 7,93-143,1986

28FEB1986 JUN1986 GMBL** 7,93-143,1986

IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF CADMIUM, MERCURY AND THALLIUM AS WELL AS THE R INORGANIC COMPOUNDS (I.E. THE CLASS I INORGANIC DUSTS) MAY NOT EXCEED 0.2MG/M3 AT A MASS FLOW OF 1G/H OR MORE.
SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.

JUN1986 OJEC** L149,38,1986

EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 AS LAST AMENDED BY THE REFERENCE GIVEN. (APPLIES TO CADMIUM AND ITS COMPOUNDS).

APR1986 OJEC** L106,18,1982

XN - HARMFUL. (THE NAME OF THE SUBSTANCE MUST APPEAR ON THE LABEL). HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). DO NOT BREATHE DUST (S 22). (APPLIES TO CADMIUM COMPOUNDS, WITH THE EXCEPTION OF CADMIUM SULPHIDE (CDS), CADMIUM SULPHOSELENIDE (XCDS.YCDSE), MIXTURES OF CADMIUM SULPHIDE WITH ZINC SULPHIDE (XCDS.YZMS), MIXTURES OF CADMIUM SULPHIDE WITH MERCURY SULPHIDE (XCDS.YHGS) AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE).

APR1986 OJEC** L147,11,1983

PREPARATIONS (PAINTS, VARNISHES ETC.) THAT CONTAIN CADMIUM COMPOUNDS (EXCEPT CADMIUM SULFIDE AND CADMIUM SULFOSELENIDE) AT CONC'S > 0.1% SHALL BE CONSIDERED AS HARMFUL MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

APR1986 OJEC** L334,29,1977

THE TOTAL CADMIUM CONCENTRATION SHALL AMONG OTHER PARAMETERS BE REPORTED IN THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY

26JAN1982 APR1986 OJEC** L20,43,1980

MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF CADMIUM COMPOUNDS INTO GROUNDWATER BY:

A) PROHIBITING ALL DIRECT DISCHARGES;
B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES;

C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE. CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES; CONTRACTING PARTIES SHALL UNDERTAKE TO ELIMINATE POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, CADMIUM AND ITS COMPOUNDS.

APR1986 OJEC** L194,5,1975

LIMIT VALUES FOR CADMIUM IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OR MONTHLY AVERAGE LOAD/KG CD HANDLED)

WHICH ARE TO BE COMPLIED WITH BY A) 1.1.1986 AND B) 1.1.1989 ARE FOR:
1. ZINC MINING, LEAD AND ZINC REFINING, CADMIUM AND NON-FERROUS METAL INDUSTRY: A) 0.3MG/L OF DISCHARGE B) 0.2MG/L OF DISCHARGE.
2. MANUFACTURE OF CADMIUM COMPOUNDS: A) 0.5MG/L DISCHARGE OR 0.5G/KG CD HANDLED; B) 0.2MG/L DISCHARGE.

APR1986 OJEC** L291,1,1983

DEU REG AIR EMI MXL

EEC REG GOODS PRO

EEC REG LABEL PACK RQR RQR

EEC REG CLASS PACK LABEL SALE RQR RQR RSTR

EEC REG AQ FRESH SURF AQ RQR RQR

EEC REG AQ GRND WASTE AQ RQR PRO

EEC REG AQ MARIN WASTE AQ RQR RSTR

EEC REG AQ WASTE FRESH MARIN AQ MXL

- 3. MANUFACTURE OF PIGMENTS: A) 0.5MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
- 4. MANUFACTURE OF STABILIZERS: A) 0.5MG/L OF DISCHARGE OR 0.5G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
- 5. MANUFACTURE OF PRIMARY AND SECONDARY BATTERIES: A) 0.5MG/L OF DISCHARGE OR 1.5G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
- 6. ELECTROPLATING: A) 0.5MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2MG/L OF DISCHARGE.
- 7. MANUFACTURE OF PHOSPHORIC ACID AND/OR PHOSPHATIC FERTILIZERS FROM PHOSPHATIC ROCK: A) - B) - (AT PRESENT THERE IS NO ECONOMICALLY FEASIBLE TECHNIQUE FOR EXTRACTING CADMIUM FROM SUCH DISCHARGES.

(REFERENCE METHOD FOR MONITORING: AAS)
 WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHOD: AAS OR MAS)

01JAN1985 APR1986 OJEC** L378, 1-14, 1982

EEC REG WASTE AQ RQR MAR IN RQR

01OCT1985 MCH1986 OJEC** L272, 1-20, 1985

WASTE CONTAINING OR CONTAMINATED BY CADMIUM COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE ROUTES AND INSURANCES 2) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).

EEC REG WASTE EXPRT IMPRT RQR RQR RQR

31MCH1980 FEB1986 OJEC** L84, 43-48, 1978

(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326, 31, 1984 - AS AMENDED BY THE REFERENCE GIVEN)

EEC REG WASTE INDST RSTR RQR CLASS

- 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH

WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE. 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC.

03DEC1983 APR1986 OJEC** L327,8,1980

IN CASE OF EXPOSURE TO CADMIUM COMPOUNDS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DANGERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL) LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE.

400-500UG (PROVISIONAL) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).
 8H-TWA: 0.05MG/M3 (APPLIES TO CADMIUM AND COMPOUNDS EXCEPT CADMIUM OXIDE AND CADMIUM SULFIDE PIGMENTS; DUST AND FUME, CALCULATED AS CD) EFFLUENT STANDARD: 0.1 MG/L OF CADMIUM AND ITS COMPOUNDS
 EMISSION STANDARD FOR SPECIFIED FACILITIES: 1.0 MG/M3 OF CADMIUM AND ITS COMPOUNDS
 THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS

1) 0.01 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION
 2) 0.01 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES
 3) 0.005 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES
 1D-TWA: 0.02MG/M3 OF RESPIRABLE DUST OR 0.05MG/M3 OF TOTAL DUST OF CADMIUM AND ITS ORGANIC COMPOUNDS, AS CD. CARCINOGENIC. (FOR NEW AND RENOVATED PLANTS A 1D-TWA OF 0.01MG/M3 (AS CD) FOR RESPIRABLE DUST IS DESIRED).
 CADMIUM COMPOUNDS MAY NOT BE USED FOR SURFACE TREATMENT, AS A STABILIZER OR AS A COLOURING AGENT. PRODUCTS WHOSE SURFACES HAVE BEEN TREATED WITH A CADMIUM COMPOUND OR WHICH CONTAIN SUCH A COMPOUND AS A STABILIZER OR PIGMENT MAY NOT BE IMPORTED COMMERCIALY. THE PRODUCT CONTROL BOARD MAY ISSUE REGULATIONS ON DEVIATIONS FROM THE PROVISIONS MENTIONED, OR IN SPECIAL CASES GRANT EXEMPTIONS FROM THE PROVISIONS.

DEVIATIONS FROM THE BAN ON THE USE OF CADMIUM COMPOUNDS FOR SURFACE TREATMENT OR AS A STABILIZER OR AS A COLOURING AGENT ARE LISTED...

RSTR
RQR

REG OCC

EEC

FAO/WHO GBR	REC REG	REC REG	HUMAN AWI RQR RQR	LABEL PACK AIR	CNTRL	RSTR RQR
GBR	REC	AQ	EMI	EMI	OC	AMBI
JPN	REC	AQ	EMI	EMI	MP	MP
JPN	REC	AQ	CLASS LABEL SALE	CLASS LABEL SALE	AMBI	MP
MEX	REC	AQ	AMBI	AMBI	MP	MP

NOV1979 GBRSI* 17,1,1983
 APR1986
 01JUL1985 GNHSE* EH40/85,1,1985
 DEC1982 QEJPN* -,400,1981
 DEC1982 QEJPN* -,390,1981
 JUL1983 JPPDL* -,,-

27JUN1973 OCT1982 DOMEX* 29 MCH,1167,1973

SWE REG AIR OCC HLV 01JAN1985 JAN1985 AFS*** 1984:5,10,1984

SWE REG USE SALE PRO 1JUL1980 OCT1982 SVENF* 1980:1,1,1980

SWE REG USE SALE PRO 1JUL1982 OCT1982 STNAF* 1981:5(PK:13,1,1982

EV1925000 CADMIUM OXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG CSK	REG REG	AIR USE LABEL PACK	OCC OCC RQR RSTR	MPC CLASS RQR RSTR	22MAY1979 1APR1985	MCH1982 ADECT* 351, -, 1979 AUG1985 HPMZC* 56, -, 1984
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
GBR	REC	AIR	OCC	CNTRL	01JUL1985	OCT1985 GNHSE* EH40/85, 1, 1985
GBR	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	1SEP1978	APR1986 GBRST* 17, 1, 1983
SUN	REC	AIR	OCC	MAC	JUN1977	JUN1982 GOSTS* 12.1.005, -, 1976
SUN SWE USA	REG REG REC	AIR AIR CLASS AIR	AMB I OCC	MAC CLASS TLV	AUG1984 23NOV1983	SEP1985 PDKAV* 3086-84, -, 1984 OCT1984 STNAF* 1983:6, 1, 1983 SEP1985 ACGIH* 1984-85, 9, 1984

TWA: 0.05MG/M3; STEL: 0.05MG/M3 (FUME)
 CARCINOGENIC SUBSTANCE. USE AND HANDLING OF T
 HE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER
 TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS
 ON HANDLING, LABELING, PACKING, STORING AND
 TRANSPORT OF IT ARE LISTED. (APPLIES TO PRODU
 CTION AND PROCESSING OF CADMIUM OXIDE)
 CADMIUM AND ITS COMPOUNDS ARE SUSPECTED OF
 CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLIS
 HED.
 (CADMIUM OXIDE, CADMIUM SULFATE AND ALSO CADM
 IUM SULFIDE AS STARTING MATERIAL IN TECHNICAL
 PROCESSES ARE SPECIFICALLY MENTIONED).
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
 18, 1982).
 HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
 CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
 IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
 S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
 AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.
 2069, 1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 8H-TWA: 0.05MG/M3 AND 10MI-TWA: 0.05MG/M3 OF
 CADMIUM OXIDE FUME, AS CD.
 FOR LABEL AND PACKAGING, SEE EEC (OJEC**
 L.106, 18, 1982)
 CLV: 0.1MG/M3 (AEROSOL); TWA: 0.03MG/M3 (AERO
 SOL)
 0.001MG/M3 AV/D (CALCULATED AS CADMIUM)
 GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE.
 CLV: 0.05MG/M3 FOR FUME (CALCULATED AS CD)
 TWA: 0.05MG/M3 FOR PRODUCTION.

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

EV2700000 CADMIUM SULFATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG DEU	REG REC	AIR AIR	OCC OCC	MPC MAK	TWA : 0.05 MG/M3, STEL : 0.15 MG/M3 CADMIUM AND ITS COMPOUNDS ARE SUSPECTED OF CARCINOGENIC POTENTIAL. NO MAK VALUE ESTABLIS HED. (CADMIUM OXIDE, CADMIUM SULFATE AND ALSO CADM IUM SULFIDE AS STARTING MATERIAL IN TECHNICAL PROCESSES ARE SPECIFICALLY MENTIONED). GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22MAY1979	MAY1985 ADECT# 351, -, 1979 JAN1986 DFSK** XXI, 16, 1985
SWE USA	REG REC	CLASS AIR	OCC OCC	TLV	CLASS TLV	23NOV1983	OCT1984 STNAF# 1983:6, 1, 1983 SEP1985 ACGIH# 1984-85, 9, 1984

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EW0700000		CALCIUM CYANIDE					
BRA	REG	FOOD	AL	STORED GRAIN : 25.0 MG/KG; OTHER FOODSTUFF: 0 MG/KG.	AUG1982		BRAFI* -, -, 1969
DEU	REG	AIR	RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	MAY1982		BGBL** IS.772,777-779, 1980
DEU	REG	AQ	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986		GMBL** 11(G3191A), 173, 1985
IMO	REC	TRNSP	MARIN	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	SEP1982		IMCOC* 4, 10003, 1977
IND	REG	IMPR	MANUF	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. SPECIFIED FOOD PRODUCTS: 25.0 MG/KG CALCULATED AS HYDROGEN CYANIDE.	01AUG1971		INDIA* -, -, 1968
KEN	REG	FOOD	MXL	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	SEP1982		GSKEN* 40, 410, 1978
UN	REC	TRNSP	PACK	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	SEP1982		UNTDG* -, 11, 1986
USA	REG	USE	PACK	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS.	4AUG1975		CFRUS* 40(162.31), 55, 1981
USA	REG	WASTE	RSTR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980		JUL1983 CFRUS* 40(261), 367, 1981

EW3100000 CALCIUM OXIDE (= QUICKLIME)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TLV : 1060 MILLION PARTS PER CUBIC METER OR T 22MAY1979	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR	OCC	MAC	WA : 10 MG/M3, STEL : 20 MG/M3	MCH1985	HPMZC* 58, -, 1985
CSK	REG	FOOD	PRMT	PRMT	TWA: 4.0MG/M3 COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY.	JAN1983	HPMZC* 54, -, 1982
DEU	REC	AIR	OCC	MAK	8H-TWA: 5MG/M3; 5MI-STEL: 10MG/M3 CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT.	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AQ	CLASS	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986	GMBL** 11(G3191A), 173, 1985
GBR	REC	AIR	OCC	RECL	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	5AUG1983	GNHSE* EH40/85, 1, 1985
GBR	REC	AIR	EMI	RQR	8H-TWA: 2MG/M3 PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM LIME WORKS IN WHICH A) CALCIUM CARBONATE OR CALCIUM-MAGNESIUM CARBONATE IS BURNED THROUGH THE AGENCY OF SOLID, LIQUID OR GASEOUS FUELS; OR B) LIME IS SLAKED ON PREMISES WHERE ANY PROCESS DESCRIBED IN SUB-PARAGRAPH A) IS CARRIED OUT.	OCT1985	GBRSI* 943, -, 1983
KEN	REG	FOOD	PRMT	PRMT	FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.	SEP1982	GSKEN* 40, 374, 1978
SUN	REG	AIR	AMBI	PSL	0.3MG/M3 1X/D	DEC1983	OBVAV* 2947-83, -, 1983
SWE	REG	AIR	OCC	HLV	TWA: 2MG/M3, STEL: 5MG/M3 'TWA' REFERS TO '1D-TWA' 'STEL' REFERS TO 'STEL(15MI-TWA)'	01JAN1985	AFS*** 1984:5, 10, 1984
USA	REC	AIR	OCC	TLV	TWA: 2 MG/M3.	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	FOOD	PRMT	PRMT	THE SUBSTANCE IS GENERALLY RECOGNISED AS SAFE AS A DIRECT HUMAN FOOD INGREDIENT WHEN USED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE. AMENDMENT OF CFR 21(184)).	OCT1985	FEREAC 49, 26713, 1984
USA	REG	FOOD	FEED	-	THE SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE AS A PESTICIDE FOR PURPOSES OF §408 (A) OF THE FOOD, DRUG AND COSMETIC ACT.	APR1986	CFRUS* 40(180), 159, 1981
USA	REG	FOOD	USE	PRMT	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	APR1986	CFRUS* 40(180.1001), 251, 1981

USA REG FOOD APR1986 CFRUS* 9(318,381),201,398,1981

PRMT
MXL PERMITTED. WITHIN CERTAIN LIMITS, TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS AS A DENUDING AGENT (MUST BE RINSED OFF AFTER USE); AND A HOG SCALD AGENT IF REMOVED AFTER USE.

USA REG OCC APR1986 CFRUS* 29(1910),562,1981

RQR EMPLOYEES IN PULP, PAPER AND PAPER BOARD MILLS MUST WEAR RESPIRATORS WITH GOGGLES OR PROTECTIVE MASKS WHEN HANDLING THIS SUBSTANCE

USA REG AIR OCC APR1986 CFRUS* 29(1910),673,1981
USA REG WASTE MAY1986 CFRUS* 40(264),405/445,1981

PEL TWA : 5 MG/M3
RSTR SPECIAL PRECAUTIONS MUST BE TAKEN BY OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES WHEN MIXING THIS SUBSTANCE WITH CERTAIN OTHER HAZARDOUS WASTES. SUCH INCOMPATIBLE WASTES MUST NOT BE PLACED IN THE SAME CONTAINER, NOR STORED IN THE SAME AREA.

13JUL1981

USA REG AIR EMI MAY1986 CFRUS* 40(51),659,1981

CLASS INDUSTRIES WHICH MAKE OR PROCESS THIS SUBSTANCE ARE CLASSIFIED AS MAJOR AIR POLLUTANT SOURCES FOR PURPOSES OF DATA COLLECTION AND REPORTING.

USA REG FOOD GOODS MAY1986 CFRUS* 21,308,1981

MPC CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS: 1% (10G/KG) OF MIXED OXIDES OF ALUMINUM, IRON, CALCIUM, AND MAGNESIUM (IN WHATEVER COMBINATION), CALCULATED AS ALUMINUM TRIOXIDE, FERRIC OXIDE, CALCIUM OXIDE AND MAGNESIUM OXIDE.

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EZ0400000		PEBULATE					
BRA	REG	FOOD USE GOODS	AL AGRIC PRO	SPECIFIED PLANT PRODUCTS: 0.1MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	JAN1984	AUG1985	SBTAP* -, 8, 1984
CSK	REG	USE	AGRIC PRMT		JAN1984	AUG1984	SPPOR* -, -, 1983
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1MG/KG OTHER PLANT PRODUCTS: 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTIMMGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	10OCT1980	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC**	L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IID, I-E, WHEN SOLID; AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC**	L144, 1, 1984
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI*	17, 1, 1983
SUN	REG	FOOD	SURF MRL	0.01 MG/L	OCT1983	SEPT1985	PKVO* 2932-83, -, 1983
SUN	REG	AIR	OCC MAC	CLV : 1.0 MG/M3 (VAPOUR + AEROSOL)	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	AIR	AMBI MAC	0.02MG/M3 1X/D, 0.01MG/M3 AV/D (CALCULATED VALUES)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982

EEC
SUN
SUN
SUN
SUN
SUN

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SUN
USA

REG SOIL
REG FOOD
REG FEED

PSL AGRIC ARL

0.6MG/KG
RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR
ODUCTS) : 0.1 MG/KG

JUN1981

JUN1981

OCT1985 ODKPP* 2402-81, -, 1981
APR1983 CFRUS* 40(180), 152, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
EZ5075000		SULFALLATE				
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 1.0-2.0MG/KG; PLANT (GENER 29APR1984, JUN1986 BGBL** I.S.635,635-643, 1984 AL); 0.2MG/KG (APPLIES TO DITHIOCARBAMATES AND THIURAM DISULFIDE, CALCULATED AS CS2). - (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	JUN1986	BGBL** I.S.635,635-643, 1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). XN - HARMFUL BY INHALATION AND IF S - ALLOWED (R 20/22). IRRITATING TO EYES AND SKIN (R 36/38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	10OCT1980	BGBL** I.S.140,140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL BY INHALATION AND IF S - ALLOWED (R 20/22). IRRITATING TO EYES AND SKIN (R 36/38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%.	APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL -	RQR	MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	GBRSI* 17, 1, 1983
USA	REG	FOOD AGRIC FEED	RQR ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2 MG/KG. (AMENDED: FERAC 46,4206 6, 1981)	APR1983	CFRUS* 40(180), 152, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
EZ8225000	DIALLATE					
DEU	REG	FOOD	MRL	PLANT (ALL) 0.1 MG/KG (WITH TRIALLATE, CALCULATED AS TRIALLATE) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). IR RITATING TO EYES AND SKIN (R 36/38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). WEAR EYE/FACE PROTECTION (S 39).	APR1986	OJEC** L.106, 18, 1982
EEC	REG	FOOD	MRL	PLANT (GENERAL): 0.1MG/KG (CALCULATED AS THE SUM OF DIALLATE AND TRIALLATE)	1JUL1984	OJEC** L234, 1, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E. WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50% AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	1SEP1978	GBRSI* 17, 1, 1983
SUN UN	REG	AGRIC	RQR RQR RSTR	0.03MG/L HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINOR DANGER WHEN 100-75% A.I. (LIQUID).	SEP1985 MAY1986	PDKVO* 2932-83, -1983 UNTDG* -, 203, 1986
USA	REG	TRNSP LABEL PACK USE	MAC CLASS RSTR	REGISTRATION MUST INCLUDE THE FOLLOWING PROVISIONS ON PRODUCT LABELS: 1. RESTRICTED USE PESTICIDE: FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE APPLICATOR'S CERTIFICATION. 2. PROTECTIVE CLOTHING REQUIRED. ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	JAN1986	FEREAC 47, 27109, 1982
USA	REG	WASTE	RQR RQR		19NOV1980	MAY1986 CFRUS* 40(261), 358, 1981

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USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986	CFRUS* 40(261), 368, 1981	
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981	MAY1986	CFRUS* 40(264), 455, 1981	
USA	REG	FOOD AGRIC FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.05 MG/KG			MAY1986	CFRUS* 40, 152, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
EZ9084000	DIMETILAN					
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN DIMETILAN ARE CLASSIFIED INTO CLASS IB I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
IMO	REC	TRNSP MARIN LABEL PACK	RQR RQR CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 1%. LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD.	JUL1983	IMCOC** III, 6147, 1977
IMO	REC	TRNSP MARIN LABEL PACK	RQR RQR CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 1.0%. LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL1983	IMCOC** III, 9030, 1977
UN	REC	TRNSP LABEL PACK	RQR RQR CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (LIQUID). HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->50% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 50-12% A.I. (SOLID) OR 50-5% A.I. (LIQUID).	MAY1986	UNTDG* -, 203, 1986
UN	REC	TRNSP LABEL PACK	RQR RQR CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->50% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 50-12% A.I. (SOLID) OR 50-5% A.I. (LIQUID).	MAY1986	UNTDG* -, 203, 1986

EZ9100000 PIRIMICARB

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE AGRIC GOODS	AL PRMT PRO	PLANT (SPECIFIED): 0.05-1MG/KG; SECURITY INTERVAL: 3-21 DAYS; PROVISIONAL TOXICITY CLASS: 11,111 (DEPENDING ON FORMULATION)(I=MOST TOXIC,IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	SBTAP* -	1, 1984
CSK	REG	USE AGRIC	PRMT		AUG1981	SPPOR* -	1981
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL**	I.S.140, 140, 1982
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1-1.0MG/KG; OTHER PLANT PRODUCTS: 0.01MG/KG (INCL. PIRIMI CARB, DESMETHYL-PIRIMICARB, AND DESMETHYL-FOR MAMIDO-PIRIMICARB, CALCULATED AS PIRIMICARB). (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	BGBL**	I.S.635, 635-643, 1984
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION. IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). ADI: 0.02MG/KG BW	APR1986	OJEC**	L.106, 18, 1982
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	MRL: ALFALFA (GREEN): 50MG/KG DWT; ALFALFA HAY: 20MG/KG DWT; CHILLI PEPPERS: 2MG/KG; APPLES, BEANS (WITH POD), BELL PEPPERS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CELERY, CUCUMBER, EGGPLANTS, ENDIVE, GHERKINS, LETTUCE, PARSLEY, POME FRUITS, SPINACH, TOMATOES, WATERCRESS: 1MG/KG; BLACKCURRANTS, KOHLRABI, LEEKS, ONIONS, ORANGES, PEACHES, PLUMS, RASPBERRIES, STRAWBERRIES: 0.5MG/KG; PEAS, RAPESEED: 0.2MG/KG; BEANS (WITHOUT POD): 0.1MG/KG; BARLEY, EGGS (SHELL FREE), MEAT, MILK, OATS, CITRUS FRUITS (EXCEPT ORANGES), BEETROOT, COTTONSEED, PARSNIPS, PECANS, POTATOES, RAISINS, SUGARBEET, SWEETCORN, TURNIPS, WHEAT GRAIN: 0.05MG/KG. (THE MRL'S ARE FOR THE SUM OF PIRIMICARB, ITS N-FORMYL(METHYLAMINO) ANALOGUE (DESMETHYLFOR MAMIDO-PIRIMICARB) AND DESMETHYL PIRIMICARB).	APR1986	FPPDD	46, 52, 1983

GBR	REG	LABEL	ROR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI MITATIONS AND SAFETY PRECAUTIONS ARE LISTED APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED	APR1986	GBRSI*	17, 1, 1983
GBR	REG	PACK USE	ROR PRMT		MCH1983	APFC**	-, 89, 1983
GBR	REG	USE	PRMT		MCH1983	APFC**	-, 30, 1983
JPN	REG	CLASS LABEL SALE	CLASS ROR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1983	JPPDL*	-, -,
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A INSECTICIDE	JUN1986	JPAGR*	-, -, 1983
SUN	REG	AIR USE	PSL	CLV: 0.05MG/M3 (VAPOUR, AEROSOL)	OCT1985	OBUVR*	1962-79, -, 1979
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985	SCHSB*	-, -, 1982
SUN	REG	SOIL	MAC	0.3MG/KG	OCT1985	PKPPP*	3034-84, -, 1984
SUN	REG	AQ	MAC	SURFACE WATER FOR FISHING: 0.0007MG/L	OCT1985	SCHSB*	SUPL-5, -, 1982
SWE	REG	SALE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	MAY1984		
SWE	REG	USE	PRMT		JUN1981		
SWE	REG	LABEL	ROR				
SWE	REG	STORE	ROR				
SWE	REG	CLASS	CLASS				
SWE	REG	FRUITS AND VEGETABLES:	MTC	FRUITS AND VEGETABLES: 0.5MG/KG	01JAN1985	STLIF*	1984:13,1, 1984
SWE	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	MAY1986	UNTDG*	-, 203, 1986
SWE	REC	PACK		PACKING GROUP:			
USA	REG	FOOD FEED	AGRIC ARL	III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-73% (SOLID) OR 100-29% (LIQUID). RAW AGRICULTURAL PRODUCTS (POTATOES) : 0.1 MG /KG (INCL. PIRIMICARB AND ITS METABOLITES 5,6 -DIMETHYL-2-(FORMYL METHYL AMINO)-4-PYRIMIDINYL DIMETHYL CARBAMATE AND 5,6-DIMETHYL-2-(MET HYLAMINO)-4-PYRIMIDINYL DIMETHYL-CARBAMATE, CALCULATED AS PIRIMICARB)	APR1983	CFRUS*	40(180), 152, 1981

FA4550000 EPTC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1MG/KG; SECURITY INTERVAL: NOT SPECIFIED; PROVISIONAL TOXICITY CLASS: 11 (1 = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	SBTAP** -, 8, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981	SPPOR** -, -, 1981
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S. 140, 140, 1982
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1MG/KG OTHER PLANT PRODUCTS: 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMEGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	BGBL** IS. 635, 635-643, 1984
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS I, I.D., I.E. WHEN SOLID: AS HARMFUL AT CONCS. >50-100% AND >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.	APR1986	OJEC** L144, 1, 1984
GBR	REG	USE	PRMT	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)	MCH1983	APFC** -, 89, 1983
GBR	REG	LABEL PACK USE	RQR RQR RSTR		1SEP1978	GBRSI* 17, 1, 1983
SUN	REG	AIR	MAC	CLV : 2.0 MG/M3 (VAPOUR + AEROSOL)	JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	MAC	0.02 MG/M3 1X/D, 0.02 MG/M3 AV/D (CALCULATED VALUES)	JUN1982	PKTV** -, -, 1978

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
FB8050000	PROMECARB					
DEU	REG	FOOD	MRL	PLANT(SPECIFIED) 0.2 MG/KG; PLANT (GENERAL) 0 (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I S. 1071, 1536/2159, 1980, AND BGBl I S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	BGBL** I S. 635, 635-643, 1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR		10CT1980	BGBL** I S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION. IN CONTACT W - ITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY F ROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). PESTICIDE PREPARATIONS WHICH CONTAIN IB. PROMECARB ARE CLASSIFIED INTO CLASS IB. I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL -	RQR		APR1986	GBRSI* 17, 1, 1983
JPN	REG	CLASS LABEL SALE	RQR RQR RSTR		JUL1983	JPPDL* -,-,
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-35% (SOLID) OR 100-14% (LIQUID).	MAY1986	UNTDG* -, 203, 1986

FB9450000 CARBOFURAN; FURADAN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG BRA	REG REG	AIR FOOD USE GOODS	OCG AL AGRIC PRO	MPC AL PRMT PRO	22MAY1979 AUG1985	ADECT* 351, -, 1979 SBTAP* -, 1, 1984
CSK	REG	USE	AGRIC PRMT	TWA: 0.1MG/M3; STEL: 0.1MG/M3. PLANT (SPECIFIED): 0.1-1MG/KG; SECURITY INTERVAL: 14-90 DAYS; ANIMAL (SPECIFIED): 0.05MG/KG(NON-INTENTIONAL RESIDUE); PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC TOXICITY: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	SPPOR* -, -, 1981
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR	MAY1982	BGBL** I.S.772, 777-779, 1980
DEU	REG	LABEL PACK USE	OCG	RQR RQR RSTR	10OCT1980	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	OCG	RQR RQR	APR1986	OJEC** L.106, 18, 1982
EEC	REG	MANUF USE	INDST	CLASS RQR	8JAN1984	OJEC** L230, 1, 1982
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR	APR1986	OJEC** L144, 1, 1984

GBR	REG	USE	AGRIC	RQR	PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POSITIOUS SUBSTANCES IN AGRICULTURE REGULATIONS 1984 PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO 'POISONOUS CHEMICALS ON THE FARM' BOOKLET. ISBN 011883414 2).	DATE	REG	USE	AGRIC	RQR
KEN	REG	FOOD				SEP1982	GBRSI*			
SWE	REG	FOOD				JUN1986	STLIF*			
UN	REC	TRNSP LABEL PACK				01JAN1985				
USA	REG	AIR USE LABEL	OCC	TLV		SEP1985	ACGIH*			
USA	REG	AIR USE LABEL		RSTR		APR1983	CFRUS*			
USA	REG	FOOD FEED	AGRIC	ARL		APR1983	CFRUS*			
USA	REG	FEED USE		PRMT		AUG1983	FEREAC			
USA	REG	FEED USE		ARL PRMT		13JAN1982	FEREAC			
USA	REG	AQ	EMI	RQR RSTR		MAY1983	CFRUS*			

PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POSITIOUS SUBSTANCES IN AGRICULTURE REGULATIONS 1984 PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO 'POISONOUS CHEMICALS ON THE FARM' BOOKLET. ISBN 011883414 2).

SEP1982 GSKEN* 40,410,1978
JUN1986 STLIF* 1984:13,1,1984

MAY1986 UNTDG* -,203,1986

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP:
II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN
III = SUBSTANCE PRESENTING MINOR DANGER WHEN
AI = 100->10%
AII = SUBSTANCE PRESENTING MINOR DANGER WHEN
AIII = SUBSTANCE PRESENTING MINOR DANGER WHEN
TWA: 0.1 MG/M3.

SEP1985 ACGIH* 1984-85,9,1984
APR1983 CFRUS* 40(162.31),55,1981

CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS

APR1983 CFRUS* 40(180),152,1981

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.05-40 MG/KG (INCL. CARBOFURAN AND ITS METABOLITES 2,3-DIHYDRO-2,2-DIMETHYL-3-HYDROXY-7-BENZOFURANYL-N-METHYL-CARBAMATE; 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANOL; 2,3-DIHYDRO-2,2-DIMETHYL-3-OXO-7-BENZOFURANOL; 2,3-DIHYDRO-2,2-DIMETHYL-3,7-BENZOFURANDIOL, AND OF WHICH NO MORE THAN 0.02-20 MG/KG ARE CARBAMATES). (AMENDED: FEREAC 46,58490,1981; 46,62274,1981; 46,62275,1981; 46,63044,1981; 46,63045,1981; 47,1379,1982; 47,2863,1982; 47,37172,1982; 49,5751,1984).

AUG1983 FEREAC 46,58487,1981

SPECIFIED ANIMAL FEED PRODUCTS: 1-24 MG/KG (1 NCL. ITS CARBAMATE METABOLITE 2,3-DIHYDRO-2,2-DIMETHYL-3-HYDROXY-7-BENZOFURANYL-N-METHYL-CARBAMATE; AND THE PHENOLIC METABOLITES 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANOL; 2,3-DIHYDRO-2,2-DIMETHYL-3-OXO-7-BENZOFURANOL; AND 2,3-DIHYDRO-2,2-DIMETHYL-3,7-BENZOFURANDIOL), OF WHICH NO MORE THAN 0.5-3 MG/KG SHOULD BE CARBAMATES. (AMENDED: FEREAC 47,1375,1982; 47,1376,1982; 47,2860,1982)

13JAN1982 AUG1983 FEREAC 47,1376,1982

SUNFLOWER SEED HULLS AND MEAL: 1.0 MG/KG (INCL. ITS METABOLITES), OF WHICH NOT MORE THAN 0.5 MG/KG SHOULD BE CARBAMATES
UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 4.54 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

MAY1983 CFRUS* 40(117),44,1981

MAY1983 CFRUS* 40(116), 33, 1981

MAY1983 CFRUS* 40(122), 121, 1981

USA	REG AQ	EMI	CLASS
			THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.
USA	REG AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL LUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS . THE FOLLOWING APPLICANTS MUST REPORT QUANTI TATIVE DATA FOR THE SUBSTANCE IN THEIR APPLIC ATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND RE PORTING REQUIREMENTS AFTER ISSUE OF PERMIT AR E SPECIFIED. EVEN IF NOT REQUIRED IN THE PERM IT, DISCHARGE OF THE SUBSTANCE MUST BE REPORT ED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL EST ABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981 ; 47, 24918, 1982; 48, 14146, 1983)
USA	REG FEED FOOD	ARL PRMT	RESIDUE TOLERANCES IN SPECIFIED ANIMAL FEED PRODUCTS: 1, 4-24 MG/KG (INCL. CARBOFURAN AND ITS METABOLITES 2, 3-DIHYDRO-2, 2-DIMETHYL-3-HY DROXY-7-BENZOFURANYL-N-METHYL-CARBAMATE, 2, 3-DIHYDRO-2, 2-DIMETHYL-7-BENZOFURANOL, 2, 3-DIHY DRO-2, 2-DIMETHYL-3-OXO-7-BENZOFURANOL AND 2, 3 -DIHYDRO-2, 2-DIMETHYL-3, 7-BENZOFURANDIOL) OF WHICH NO MORE THAN 0.6-3.0 MG/KG ARE CARBAMID ES. (AMENDMENT OF CFR 21(561).)

15FEB1984 OCT1985 FEREAC 49, 5749, 1984

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FC0175000		AMINOCARB					
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0MG/KG OTHER PLANT PRODUCTS: 0.1MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTWENIGSTENGEMISSENENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S. 635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S. 1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT WI TH SKIN AND IF SWALLOWED (R 23/24/25). KEEP O UT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13) . IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SH OW THE LABEL WHERE POSSIBLE) (S 44).		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN AMINOCARB ARE CLASSIFIED INTO CLASS IB, AND AS I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
FAO/WHO	REC	FOOD	GL	APPLIES 5 MG/KG; PEARS 2 MG/KG. (LIMITS ARE FO - R AMINOCARB ONLY)		APR1982	FPPDD 20, 79, 1980
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE		OCT1984	STNAF* 1983:6, 1, 1983
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. I I = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->60%; I I I = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 60-15% (SOLID) OR 60-6% (LIQUID).	23NOV1983	MAY1986	UNTDG* -, 203, 1986

RECOMMENDATIONS-LEGAL MECHANISMS

FC0700000 MEXACARBATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER WHEN 100->28% A.I.; 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN 28-7% A.I. (SOLID) OR 28-2% A.I. (LIQUID). THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1986	UNTDG* - ,203,1986
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT. PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THAT THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.	MAY1986	CFRUS* 40(116),33,1981
USA	REG	AQ	EMI	RQR RSTR	MAY1986	CFRUS* 40(117),44,1981
USA	REG	AQ	EMI WASTE	RQR	MAY1986	CFRUS* 40(122.53),121,1981

FC1140000 BENDIOCARB

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
BRA	REG	FOOD	AL	RICE : 0.05 MG/KG				
BRA	REG	FOOD	AL	SPECIFIED PLANT PRODUCTS: 0.01-0.02MG/KG;			AUG1982 CDABR* 2,65,1980	
		USE		SECURITY INTERVAL: 80-130 DAYS;			AUG1985 SBTAP* -,8,1984	
		GOODS	AGRIC PRMT	PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC);				
			PRO	USE IN AGRICULTURE: AUTHORIZED;				
CSK	REG	USE	AGRIC PRMT	USE IN DOMESTIC SANITATION: NOT AUTHORIZED.	AUG1981	MAY1982	SPPOR* -, -, 1981	
				SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.				
FAO/WHO	REC	FOOD	ADI	ADI: 0.004MG/KG BW		APR1986	FPPDD 62,80,1985	
		FOOD	MRL	MRL: MAIZE, MAIZE FODDER AND FORAGE, POTATOES				
		FEED	MRL	SUGARBEET, SUGARBEET LEAVES: 0.05MG/KG;				
				TEMPORARY MRL: RICE STRAW: 1MG/KG; CATTLE KIDNEY: 0.2MG/KG; MUSHROOMS: 0.1MG/KG; BARLEY, BARLEY STRAW, CATTLE-CARCASE MEAT, CATTLE FAT, CATTLE-MEAT BY-PRODUCTS (EXCEPT KIDNEY), EGGS, MILK, OATS, OAT STRAW, POULTRY-MEAT, POULTRY FAT, POULTRY BY-PRODUCTS, WHEAT, WHEAT STRAW: 0.05MG/KG; POME FRUIT: 0.02MG/KG. (LEVELS REFER TO UNCONJUGATED BENDIOCARB IN COMMODITIES OF PLANT ORIGIN, AND TO THE SUM OF CONJUGATED AND UNCONJUGATED BENDIOCARB, 2, -DIMETHYL-1,3-BENZOXODIOL-4-OL AND N-HYDROXY-Y-METHYL-BENDIOCARB, EXPRESSED AS BENDIOCARB IN COMMODITIES OF ANIMAL ORIGIN).				
GBR	REG	USE	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -,89,1983	
SWE	REG	SALE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		APR1986	PFBEK* -,58,1986	
		USE	PRMT					
		LABEL	RQR					
		STORE	RQR					
		CLASS	CLASS					
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100-65%;		MAY1986	UNTDG* -,203,1986	
				III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 65-15% (SOLID) OR 65-5% (LIQUID). SPECIFIED ANIMAL FEED PRODUCTS : - (MAY BE SAFELY USED IN TREATMENTS IN ANIMAL FEED HANDLING ESTABLISHMENTS IN ACCORDANCE WITH THE LABEL AND LABELLING REQUIRED)				
USA	REG	FEED	ARL			JUL1983	CFRUS* 21(561),523,1981	

11/291

OCT1985 CFRUS* 21,380,1981

MAY BE USED AS SPOT, CRACK AND CREVICE TREATMENT IN FOOD HANDLING ESTABLISHMENTS. RESIDUE TOLERANCE IN CORN OIL: 0.1MG/KG (INCL. BENDIOCARB AND ITS METABOLITES 2,2-DIMETHYL-1,3-BENZODIOXOL-4-OL AND N-HYDROXYMETHYL BENDIOCARB)

ARL

REG FOOD

USA

FC2100000 METHAM-SODIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982 SPPOR* -, -, 1981
DEU	REG	LABEL PACK USE	RQR - RQR - RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	01OCT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1-2.0MG/KG; OTHER PLANT PRODUCTS: 0.2MG/KG. (APPLIES TO DITHIOCARBAMATES AND THIURAM DISULFIDE, CALCULATED AS CS2) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986 BGBL** I.S.635,635-643,1984
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). IRRITATING TO SKIN (R 38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). APPROVED AS A SOIL STERILANT. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)	-	APR1986 OJEC** L.106,18,1982
GBR	REG	USE	PRMT	APPROVED AS A SOIL STERILANT. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)	MCH1983	APFG** -, 89,1983
SUN	REG	LABEL PACK	RQR	L.106,18,1982	01SEP1978	GBRSI* 17,1,1983
SUN	REG	AQ	MAC	0.02 MG/L	OCT1983	SEP1985 PDKVO* 2932-83,-,1983
SUN	REG	AIR	OCC	CLV : 0.1 MG/M3 (AEROSOL)	JAN1977	JUN1982 GOSTS* 12.1.005,-,1976
SUN	REG	AIR	MAC	0.005MG/M3 1X/D; 0.001MG/M3 AV/D (CALCULATED VALUES)	JUN1982	PDKTV* -, -, 1978
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS NEMATOCIDE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985 SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985 SCHSB* -, -, 1982
SWE	REG	SALE USE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBEK* -, 58,1986

MAY1986 UNTDG* -,203,1986

CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP:
III = SUBSTANCE PRESENTING MINOR DANGER WHEN
AI = 100-85% (SOLID) OR 100-35% (LIQUID).

UN REC TRNSP LABEL PACK

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FC3150000	BAYGON;	PROPOXUR					
ARG BRA	REG REG	AIR FOOD FEED USE	OCC - AL - AL - AGRIC PRMT PRMT GOODS	TWA: 0.5MG/M3; STEL: 1.5MG/M3. PLANT (SPECIFIED): 0.5-3MG/KG (SECURITY INTER VAL" 4-14 DAYS); ANIMAL(SPECIFIED): 0.05MG/KG (INTERVAL BETWEEN LAST APPLICATION AND MILKIN G OR SLAUGHTER: 14 DAYS). PASTURE: 5MG/KG (INTERVAL BETWEEN APPLICATION AND GRAZING: 7 DAYS); THE RESIDUE IS CALCULAT ED AS PROPOXUR AND ITS PRINCIPLE METABOLITES. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 2-5% (WT/WT). FUMIGATION PROHIBITED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. SPECIFIED PLANT PRODUCTS: 0.5-5.0MG/KG; OTHER PLANT PRODUCTS: 0.05MG/KG.	22MAY1979	MCH1982 AUG1985	ADECT* 351,-,1979 SBTAP* -,1,1984
CSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL		29APR1984	JUN1986	BGBL** I.S.635,635-643,1984
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	01OCT1980	JUN1986	BGBL** I.S.140,140,1982
DEU EEC	REG REG	AIR LABEL PACK	OCC	MAK RQR RQR	JAN1986 APR1986	DFSK** OJEC**	XX1,16,1985 L.106,18,1982
EEC EEC	REG REG	FOOD CLASS PACK LABEL SALE	MRL CLASS RQR RQR RSTR		1978	DEC1982 APR1986	OJEC** L340,26,1976 OJEC** L144,1,1984

FC5950000 CARBARYL; SEVIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	0.3-12MG/KG	27MCH1969	MCH1982	ALEYP** 18073, -, 1969
ARG	REG	FEED	MXL	100MG/KG.	27MCH1969	MCH1982	ALEYP** 18073, -, 1969
ARG	REG	AIR	OCC	TWA: 5MG/M3; STEL: 10MG/M3.	22MAY1979	MCH1982	ADECT** 351, -, 1979
BRA	REG	FOOD	-	PLANT (SPECIFIED): 0.01-10MG/KG; SECURITY			
		FEED	-	INTERVAL: 1-30 DAYS; ANIMAL (SPECIFIED): 0.5			
		USE	AGRIC PRMT	-5.0MG/KG; FORAGE & PASTURE: 100MG/KG.			
		GOODS	PRMT	MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE			
				AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN			
				DOMESTIC SANITATION: 2.5-5% (WT/WT).			
				USE FOR FUMIGATION NOT PERMITTED.			
CSK	REG	HUMAN	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTE	OCT1978	MAY1982	HPMZC** 43, -, 1978
CSK	REG	USE	AGRIC PRMT	CTION: 0.2-10.0MG/KG.	AUG1981	MAY1982	SPPOR** -, -, 1981
				SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC			
				USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE			
				GIVEN.			
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.8-10.0MG/KG;	29APR1984	JUN1986	BGBL** IS.635.635-643, 1984
				OTHER PLANT PRODUCTS: 0.1MG/KG.			
				(PFLANZSCHUTZMITTEL-HOCHSTMEINGENVERORDNUNG			
				- BGBL I.S.745, 1982 - AS LAST AMENDED BY THE			
				REFERENCE GIVEN).			
DEU	REG	LABEL	-	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	01OCT1980	JUN1982	BGBL** IS.2069, 2069, 1980
		PACK	-	, 1, 1976). HANDLING OF SOME GROUPS OF CHEMICA			
		USE	RQR	LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,			
			RSTR	EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)			
			OCC	IS PROHIBITED OR RESTRICTED FOR PREADULTS AND			
				PREGNANT OR NURSING WOMEN.			
DEU	REC	AIR	OCC	8H-TWA: 5MG/M3 (CUTANEOUS ABSORPTION)	JAN1986	DFS** XXI, 16, 1985	
DEU	REC	USE	AGRIC RSTR	APPLICATION ADMISSIBLE ONLY ON GRAPE VINES UN	DEC1985	BGBL** IS 2335, 2335, 1980	
				TIL THE DEVELOPMENT OF THE FIFTH LEAF OF THE			
				YOUNG SHOOTS AND AFTER BLOSSOM TIME ONLY WITH			
				THE APPROVAL OF THE COMPETENT AUTHORITY			
DEU	REC	AQ	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO	APR1986	GMBL** 11(G3191A), 173, 1985	
		STORE		WATER (CLASS 2). (THE DIFFERENT CLASSES ARE:			
		TRNSP		CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 =			
				SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3			
				= VERY HARMFUL).			
				IN ORDER TO PROTECT WATER, APPROPRIATE SECURI			
				TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN			
				G STORAGE, LOADING AND TRANSPORT.			
EEC	REG	LABEL	RQR	XN - HARMFUL. HARMFUL BY INHALATION AND IF S	APR1986	OJEC** L.106, 18, 1982	
		PACK	RQR	WALLOWED (R 20/22). IRRITATING TO RESPIRATOR			
				Y SYSTEM (R 37). KEEP OUT OF REACH OF CHILD			
				EN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANI			
				MAL FEEDING STUFFS (S 13).			
EEC	REG	FOOD	MRL	PLANT (GENERAL): 1 MG/KG; PLANT (SPECIFIED)	1JUL1984	DEC1982	OJEC** L234, 1, 1982
				: 3 MG/KG			
EEC	REG	CLASS	CLASS	PESTICIDE PREPARATIONS WHICH CONTAIN THIS	APR1986	OJEC** L144, 1, 1984	
		PACK	RQR	SUBSTANCE ARE CLASSIFIED INTO CLASS 1A, I.E.			
		LABEL	RQR	WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND			
		SALE	RSTR	WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%			
				AND AS HARMFUL AT >2.5-50%.			
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA			
				NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC			
				KAGING, FASTENINGS AND LABELS COMPLY WITH THE			

REQUIREMENTS LAID DOWN: (COUNCIL DIRECTIVE 78/7631/EEC - OJEC L206,13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).

APR1986 FPPDD 62,90,1985

FAO/WHO REC
FOOD
FEED

ADJ: 0.01MG/KG BW
MRL: ANIMAL FEEDSTUFFS (GREEN), ALFALFA, BEAN AND PEA VINES, COLVER CORN, FORAGE, COMPEA FOLIAGE, GRASSES, PEANUT HAY, SORGHUM FORAGE, SOYBEAN FOLIAGE, SUGARBEET TOPS: 100MG/KG; BRAN: 20MG/KG; APRICOTS, ASPARAGUS, BLACKBERRIES, BOYSEN BERRIES, CHERRIES, KIWI FRUIT, LEAFY VEGETABLES (EXCEPT BRASSICAS), NECTARIN ES, NUTS (WHOLE), OKRA, OLIVES (FRESH), PEACH ES, PLUMS, RASPBERRIES, SORGHUM GRAIN: 10MG/KG; BLUEBERRIES, CITRUS FRUIT, CRANBERRIES, BAN STRAWBERRIES: 7MG/KG; APPLES, AUBERGINES, BAN ANAS, BARLEY, BEANS, BRASSICAS, GRAPES, OATS, PEARS, PEAS (INCL. POD), PEPPERS, POULTRY (SK IN), RICE (IN HUSKS AND HULLED), RYE, TOMATOE S, WHEAT: 5MG/KG; CUCURBITS (INCL. MELONS): 3MG/KG; PEANUTS (WHOLE), ROOT CROPS (BEETS, CARROTS, PARSNIPS, RADISHES, RUTABAGAS), WHOL EMEAL FLOUR: 2MG/KG; COTTONSEED (WHOLE), COMP EAS, NUTS (SHELLED), OLIVES (PROCESSED), SOYB EANS (DRY); SWEETCORN (KERNELS): 1MG/KG; EGGS (SHELL-FREE), POULTRY MEAT: 0.5MG/KG; MEAT OF CATTLE, GOATS AND SHEEP; POTATOES, SUGARBEETS, WHEAT FLOUR (WHITE): 0.2MG/KG; MILK AND MILK PRODUCTS: 0.1MG/KG.

01SEP1978 APR1986 GBRSI* 17,1,1983

FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106.18.1982)
APPROVED AS AN INSECTICIDE, GROWTH REGULATOR AND EARTHWORM KILLER. SPECIFIC USES, LIMITATI ON AND SAFETY PRECAUTIONS ARE LISTED
8H-TWA: 5MG/M3 STEL(10MI-TWA): 10MG/M3
HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB STANCE AT CONC. S BELOW 10%
LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HA ZARD

GBR RQR LABEL RQR PRMT
GBR REG PACK USE
GBR REC AIR OCC SEL MTC
IMO REC TRNSP MARIN CLASS RQR
IMO REG LABEL PACK

MCH1983 APFG** -,89,1983

OCT1985 GNHSE* EH40/85,1,1985
JUL1983 IMCOC* 111,9030,1977

JUL1983 IMCOC* 111,6147,1977

15MAY1976 DEC1982 PFAIN* -,70,1981
01AUG1971 MAY1984 INDIA* -, -,1968

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC. S ABOVE 10 %
LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD
SPECIFIED FOOD PRODUCTS : 0.2-10.0 MG/KG ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR TH E IMPORT AND/OR MANUFACTURE OF THE INSECTICID ES LISTED (INCL. THIS SUBSTANCE). LICENSES FO R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE MENTS CONCERNING PACKAGING, LABELLING, TRANS PORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGN ATED AS DELETERIOUS (EXCEPT WHEN THE CONC. IS BELOW 5%)

IND REG FOOD IMPRT MANUF SALE PACK LABEL STORE
IND REG REG CLASS LABEL SALE FOOD USE
JPN REG REG FOOD USE
JPN REG REG FOOD USE
KEN REG REG FOOD

JUL1983 JPPDL* -, -,

JUL1983 JPNFS* -, -,
JUN1986 JPAGR* -, -,1983

SEP1982 GSKEN* 40,410,1978

MAY1983 CFRUS* 40(122),121,1981

DEC1982 WHOTAC 677,3,1982

INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQU
 L TO OR MORE THAN 45.4 KG IN ANY 24-HOUR PERI
 OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
 DERAL WATER POLLUTION CONTROL ACT.
 PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL
 LUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS
 THE FOLLOWING APPLICANTS MUST REPORT QUANTI
 TATIVE DATA FOR THE SUBSTANCE IN THEIR APPLIC
 ATIONS : 1) EVERY APPLICANT WHO HAS REASON TO
 BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF
 HIS OUTFALLS. INSPECTION, MONITORING AND RE
 PORTING REQUIREMENTS AFTER ISSUE OF PERMIT AR
 E SPECIFIED. EVEN IF NOT REQUIRED IN THE PERM
 IT, DISCHARGE OF THE SUBSTANCE MUST BE REPORT
 ED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING
 LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC.
 REPORTED IN THE APPLICATION C) THE LEVEL EST
 ABISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46,35090,1981; 46,36703,1981
 ; 47,24918,1982; 48,14146,1983)
 5MG/M3 (TENTATIVE)(SKIN ABSORPTION). A BIOLOG
 ICAL LIMIT OF 30% INHIBITION OF CHOLINESTERAS
 E (CHE) ACTIVITY IN WHOLE BLOOD, PLASMA, OR
 RED CELLS WITH RESPECT TO PRE-EXPOSURE LEVELS
 IS ALSO RECOMMENDED.

USA REG AQ EMI RQR WASTE

WHO REC AIR OCC MXL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FD8050000		CHLORPROPHAM					
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.2-5.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG (WITH PROPHAM). (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
EEC	REG	FOOD	MRL	PLANT (GENERAL): 0.05MG/KG; PLANT(SPECIFIED): 0.1MG/KG (CALCULATED AS THE SUM OF BARBAN, CHLORPROPHAM AND CHLORBUFAM, EXPRESSED AS 3-CHLOROANILINE)	1JUL1984	APR1986	OJEC** L234, 1, 1982
GBR	REG	USE	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE AND GROWTH REGULATOR. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFG** -, 89, 1983
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY AEROSOL PROJECTOR S. SPECIFIC USES ARE LISTED.		MCH1983	APFG** -, 24, 1983
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	(APPLIES TO CHLORPROPHAM ALONE OR WITH PROPHAM)	01AUG1971	MAY1984	INDIA* -, -, 1968
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE EXPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	01AUG1971	MAY1984	INDIA* -, -, 1968
JPN	REG	USE	AGRIC PRMT	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE EXPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.		JUN1986	JPAGR* -, -, 1983
KEN	REG	FOOD	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		SEP1982	GSKEN* 40, 363, 1978
KEN	REG	FOOD	MXL	FOOD ADDITIVE PERMITTED AS ANTI-SPROUTING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED		SEP1982	GSKEN* 40, 410, 1978
				SPECIFIED FOOD PRODUCTS : 3.0-50 MG/KG			

SUN	REG	AIR	OCC	MAC	CLV : 2.0 MG/M3 (VAPOUR, AEROSOL)	JAN1977	JUN1982	COSTS* 12.1,005,-, 1976
SUN	REG	AIR	AMBI	MAC	0.02 MG/M3 1X/D, 0.02 MG/M3 AV/D (CALCULATED VALUES)		JUN1982	PKTV* -, -, 1978
SUN	REG	AQ	SURF	MAC	1.0 MG/L	OCT1983	SEP1985	PKVO* 2932-83, -, 1983
SUN	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	FOOD	MRL	ADJ	LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.05 MG/KG ; ADI = 0.02 MG/KG (CALCULATED VALUE)	JUN1983	OCT1985	MDUP* 2823-83, -, 1983
SWE	REG	SALE	PRMT	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS).		APR1986	PFBEK* -, 58, 1986
SWE	REG	FEED	MTC	ARL	CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	01JAN1985	JUN1986	STLIF* 1984:13,1,1984
USA	REG	FEED	ARL	ARL	POTATOES : 10 MG/KG (0.5 MG/KG PEATED) INTERIM TOLERANCE LIMITS IN/ON RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL AND PLANT PRODUCTS) : 0.05-50MG/KG		APR1986	CFRUS* 40(180),232,1981
USA	REG	FEED	AGRIC	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2-50 MG/KG (INCL. CIPC AND ITS METABOLITE 1-HYDROXY-2-PROPYL 3'-CHLOROCARBANILATE, CALCULATED AS CIPC)		MAY1986	CFRUS* 40,152,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FD9100000		PROPHAM					
BRA CSK	REG REG	FOOD USE	AL AGRIC PRMT	POTATOES : 50MG/KG SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	AUG1982 MAY1982	VISAB* 2,174,-,1979 SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.2-5.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG (WITH CHLORPROPHAM). (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I.S.635,635-643,1984
GBR	REG	USE	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -, 89, 1983
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY FOGGING MACHINES (APPLIES TO PROPHAM WITH CHLORPROPHAM). SPECI FIC USES ARE LISTED		MCH1983	APFG** -, 24, 1983
SUN SUN USA	REG REG REG	AIR AQ FOOD FEED	OCC SURF MAC ARL	CLV : 2.0 MG/M3 (VAPOUR + AEROSOL) 0.2 MG/L INTERIM TOLERANCE LIMITS IN/ON RAW AGRICULTUR AL PRODUCTS (SPECIFIED ANIMAL AND PLANT PRODU CTS) : 0.05-5 MG/KG	JAN1977 OCT1983	JUN1982 SEP1985 APR1983	GOSTS* 12.1.005,-,1976 PDKVO* 2932-83,-,1983 CFRUS* 40(180),232,1981

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

FF5250000 C.I. 77266

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EEC	REG	AIR GOODS	PRMT MXL	COLOURING AGENT ALLOWED IN ALL COSMETIC PRODUCTS. MEMBER STATES SHALL PROHIBIT THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE COLOURING AGENT BEYOND THE LIMITS AND OUTSIDE THE CONDITIONS LAID DOWN. (COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN).		JUN1986	OJEC** L149, 38, 1986
SWE USA	REG REC	AIR AIR	HLV TLV	1D-TWA: 3MG/M3 OF DUST, 5MG/M3 OF GRAPHITE TWA: 3.5MG/M3; STEL: 7MG/M3. (STEL VALUE INTENDED TO BE DELETED).	01JAN1985	JAN1985 SEP1985	AFS*** 1984:5, 10, 1984 ACGIH* 1984-85, 9, 1984
USA	REG	FOOD	PRMT MXL	PERMITTED, WITHIN CERTAIN LIMITS, TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS AS A REFINING AGENT IF ELIMINATED DURING PROCESSING.		APR1986	CFRUS* 9(318, 381), 201, 398, 1981

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IRPTC ----- RECOMMENDATIONS-LEGAL MECHANISMS ----- IRPTC

FF5800000 CARBON BLACK

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REC	AIR	OCC	MAC	TWA : 1.0 MG/M3 OF INHALABLE DUST TWA : 4 MG/M3 OF TOTAL DUST	28MCH1985	JUL1986 SAICLB 27,200,1985
KEN	REG	FOOD	PRMT	VALUES ARE: TWA FOOD ADDITIVE PERMITTED AS COLOURING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40,334,1978

FF6400000 CARBON DIOXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 9000 MG/M3 (5000 PPM), STEL : 18000 MG/M3 (10000 PPM)	22MAY1979	MAY1985 ADECT* 351,-,1979
CSK	REG	AIR	OCC	MAC	TWA: 9000.0MG/M3; CLV: 45000.0MG/M3	MCH1985	AUG1985 HPMZC* 58,-,1985
CSK	REG	HUMAN	FOOD	PRMT	PERMITTED AS FOOD ADDITIVE WITHOUT LIMITATION	OCT1978	AUG1985 HPMZC* 43,-,1978
DEU	REC	AIR	OCC	MAK	8H-TWA: 9000MG/M3 (5000PPM); 60MI-STEL: 18000 MG/M3 (10000PPM) CEILING VALUE, 3X/SHIFT.		JAN1986 DFSK** XXI,16,1985
DEU	REC	AQ	STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HARMFUL TO WATER (CLASS 0).(THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 =HARMFUL; CLASS 3 = VERY HARMFUL).		APR1986 GMBL** 11(G3191A),173,1985
EEC	REG	AQ	DRINK	MAC	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	30AUG1982	APR1986 OJEC** L229,11,1980
EEC	REG	FOOD	PRMT	GL	MAC : -, GL : -. THE WATER SHOULD NOT BE AGGR		FEB1986 OJEC** L372,43,1985
GBR	REC	AIR	OCC	RECL	ING AND ANALYSIS METHODS ARE LAID DOWN CARBONIC ANHYDRIDE (E290) MAY BE ADDED AS A P RESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. N 0.12, 1964, P.161/64 AS LAST AMENDED BY THE R EFERENCE GIVEN)		OCT1985 GNHSE* EH40/85,1,1985
GBR	REG	TRNSP LABEL	CLASS	RQR	8H-TWA: 9000MG/M3 (15000PPM)	28MCH1979	JAN1983 GBRSI* 1702,1,1978
GBR	REG	AIR	EMI	RQR	LABELLING OF ROAD TANKERS: NON-FLAMMABLE COMPRESSED GAS. EMERGENCY ACTION CODE: 2XE (APPLIES TO REFRIGERATED LIQUID)		APR1986 GBRSI* 943,1,1983
GBR	REG	AQ	DRINK	RQR	IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS CARBON DIOXIDE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.	21FEB1985	AUG1986 GBRSI* 1985:71,20,1985
JPN	REC	AIR	OCC	MAC	A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THE RELEVANT AUTHORITIES GIVING THE CONCENTRATION OF CARBON DIOXIDE EXPRESSED AS CO2 MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.		JUL1986 SAIGLB 27,195-219,1985
KEN	REG	FOOD	PRMT	PRMT	9000MG/M3 (15000PPM)		SEP1982 GSKEN* 40,363,1978

SWE	REG	AIR	OCC	HLV	STEL	DATE	DESCRIPTION
USA	REG	AIR	OCC	HLV	18000MG/M3	01JAN1985	TWA: 9000MG/M3 (5000PPM); STEL: 18000MG/M3 (10000PPM)
USA	REC	AIR	OCC	TLV	27000MG/M3 (15000PPM)	SEP1985	'TWA' REFERS TO '1D-TWA' 'STEL' REFERS TO 'STEL(15MI-TWA)'. TWA: 9000MG/M3 (5000PPM); STEL: 27000MG/M3 (15000PPM). (STEL VALUE INTENDED TO BE CHANGED TO STEL: 54000MG/M3 (30000PPM)).
USA	REG	FOOD USE		PRMT	30000PPM	30JAN1984	THE SUBSTANCE IS GENERALLY RECOGNISED AS SAFE AS A DIRECT HUMAN FOOD INGREDIENT WHEN USED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICES. AMENDMENT OF CFR 21(184)).
USA	REG	FOOD FEED		ARL	40(180)	APR1986	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AFTER HARVEST IN MODIFIED ATMOSPHERES FOR STORED INSECT CONTROL ON RAW AGRICULTURAL COMMODITIES PERMITTED, WITHIN CERTAIN LIMITS. TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS WHEN IN LIQUID OR SOLID FORM (DRY ICE) FOR COOLING PURPOSES.
USA	REG	OCC USE		RSTR RQR	29(1910), 377	APR1986	AN ALARM MUST BE PROVIDED FOR EMPLOYEES PRIOR TO DISCHARGES OF THE SUBSTANCE IN FIRE CONTROL SYSTEMS WITH DESIGN CONCENTRATIONS OF 4% OR GREATER, GIVING EMPLOYEES TIME TO SAFELY EXIT THE AREA PRIOR TO DISCHARGE.
USA	REG	TRNSP STORE		RQR	29(1910), 411	APR1986	SPECIFICATIONS AND TESTS FOR SAFETY RELIEF VALVES ARE LAID DOWN FOR COMPRESSED GAS STORAGE CARGO AND PORTABLE TANKS CONTAINING THIS SUBSTANCE.
USA	REG	USE GOODS		RQR MPC	29(1910), 670	APR1986	RESPIRABLE AIR SUPPLIED TO DIVERS FROM AIR COMPRESSORS DURING DIVING OPERATIONS IN U.S. WATERS MUST NOT CONTAIN THE SUBSTANCE IN EXCESS OF 1000 PPM. EQUIPMENT TESTING REQUIREMENTS
USA	REG	AIR	OCC	PEL	29(1910), 673	APR1986	TWA : 9000 MG/M3 (5000 PPM)
USA	REG	AIR	EMI	RQR	40(51), 605, 681	MAY1986	MONITORING OF EMISSIONS OF CARBON DIOXIDE FROM FOSSIL FUEL-FIRED STEAM GENERATORS IS REQUIRED

FF6650000 CARBON DISULFIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	AMBI	MAC	JUL1981	MAY1982	HPMZC* 51, -, 1981
CSK	REG	GOODS			JAN1971	MAY1982	HPMZC* 32, -, 1970
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985	HPMZC* 58, -, 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REG	FOOD		MRL	29APR1984	JUN1986	BGBL** I.S. 635, 635-643, 1984
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE		RQR RQR RSTR	01OCT1980	JUN1982	BGBL** I.S. 2069, 2069, 1980
DEU	REG	USE	AGRIC	RSTR	FEB1981	DEC1985	BGBL** I.S. 2335, 2335, 1980
DEU	REC	AQ STORE TRNSP		CLASS		APR1986	GMBL** 11(G3191A), 173, 1985

TWA: 60MG/M3 (20PPM) (SKIN ABSORPTION)
 0.01 MG/M3, AV/D
 0.03 MG/M3, AV/0.5 H
 PROHIBITED IN COSMETICS
 TWA: 10.0MG/M3; CLV: 20.0MG/M3
 THIS COMPOUND BELONGS TO CLASS II.
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
 CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
 CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
 CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
 IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.
 PLANT (ALL) 0.05 MG/KG
 (PFLANZENSCHUTZMITTEL-HOCHSTMEINGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)
 8H-TWA: 30MG/M3 (10PPM); 30MI-STEL: 60MG/M3 (20PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=40.0KPA AT 20C). ACCORDING TO THE INFORMATION AVAILABLE, A RISK OF ADVERSE EFFECTS IN OFFSPRING MUST BE CONSIDERED POSSIBLE. SUCH EFFECTS CANNOT BE EXCLUDED EVEN IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT.
 THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES I A, I B, I C; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IA. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L. 360, 1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
 APPLICATION ONLY ADMISSIBLE FOR SOIL TREATMENT IN VITICULTURE AGAINST VINE LOUSE; ONLY WITH THE APPROVAL OF THE COMPETENT AUTHORITY
 THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).
 IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

DEU	REG	AIR	EMI	RQR	INDST	MANUF	GOODS	PRO	REG	DATE	REGISTRATION
				RQR RSTR MXL RQR RQR							JUN1986 GMBL** 7,93-143,1986 28FEB1986 JUN1986 OJEC** L.106,18,1982
EEC	REG	LABEL PACK									APR1986 OJEC** L.106,18,1982
EEC	REG	GOODS									JUN1986 OJEC** L149,38,1986
EEC	REG	MANUF USE		CLASS RQR RQR RSTR							8JAN1984 DEC1982 OJEC** L230,1,1982
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR							1JAN1984 JAN1983 OJEC** L213,17,1982
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR							APR1986 OJEC** L144,1,1984
FAO/WHO	REC	FOOD		GL							APR1982 FPPDD 11,13,1978
GBR	REG	TRNSP LABEL		CLASS RQR							28MCH1979 JAN1983 GBRSI* 1702,1,1978
GBR	REC	AIR	OCC	CNTRL							OCT1985 GNHSE# EH40/85,1,1985
GBR	REG	LABEL PACK		RQR RQR							01SEP1978 APR1986 GBRSI* 17,1,1983
GBR	REG	PACK USE		RQR RQR							1JAN1983 APR1986 GBRSI* 1357,1,1982

MAXIMUM EMISSION VALUES ARE SET FOR THIS SUBS. TANCE IN CERTAIN TYPES OF INDUSTRIAL PLANTS.

F - FLAMMABLE. T - TOXIC. EXTREMELY FLAMMABLE (R 12). VERY TOXIC BY INHALATION (R 26). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). IN CASE OF FIRE USE ... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - NEVER USE WATER) (S 43). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).

SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.

EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 AS LAST AMENDED BY THE REFERENCE GIVEN.

LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=200 T IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES.

ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.

TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLIDS, LIQUIDS OR GASEOUS AS TOXIC)

IR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN

PESTICIDE PREPARATIONS WHICH CONTAIN CARBON DISULFIDE ARE CLASSIFIED INTO CLASS IA,

I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%.

MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).

RAW CEREALS 10 MG/KG; MILLED CEREAL PRODUCTS 2 MG/KG; BREAD AND OTHER COOKED CEREAL PRODUCTS 0.5 MG/KG.

LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE

8H-TWA: 30MG/M3 (TOPPM). SKIN ABSORPTION FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)

IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 20 OR MORE TONS OF CARBON DISULPHIDE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY.

GBR	REG	AIR	EMI	RQR	5AUG1983	APR1986	GBRSI* 943,-,1983
GBR	REG	AIR	EMI	RQR	5AUG1983	APR1986	GBRSI* 943,1,1983
GBR	REG	USE	OCC	RSTR Rqr		JUN1986	GBRSI* 1973:36,1,1973
IMO	REC	TRNSP LABEL	MARIN	CLASS		SEPT1982	IMCOC* 4,10003,1977
IND	REC	OCC STORE		RQR WARN		DEC1982	INDS** IS:5685,-,1970
IND	REG	IMPRT MANUF SALE		RQR	01AUG1971	MAY1984	INDIA* -, -,1968
JPN	REC	AIR	OCC	MAC		JUL1986	SAIGLB 27,195-219,1985
JPN	REG	CLASS LABEL		CLASS RQR	JAN1965	JUL1983	JPPDL* -, -,
SUN	REG	AQ	SURF	MAC	OCT1983	SEP1985	PKVO* 2932-83,-,1983
SUN	REG	AQ	SURF	MAC	JUN1983	JUN1982	PKTV* -, -,1978
SUN	REG	FOOD		MRL	JUN1983	OCT1985	MDUPP* 2823-83,-,1983
SUN	REG	AIR	OCC	MAC	JAN1977	JUN1982	GOSTS* 12.1.005,-,1976

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM CARBON DISULPHIDE WORKS FOR THE MANUFACTURE, USE OR RECOVERY OF CARBON DISULPHIDE. IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS DESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS CARBON DISULPHIDE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.

IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED.

(INDIA RUBBER MANUFACTURE REGULATION 1922 S.I. 1922: NO. 329 AS LAST AMENDED BY THE REFERENCE GIVEN)

HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. SUBSIDIARY RISK: POISON. CODE OF SAFETY INCL. STORAGE, HANDLING, TRANSPORTATION, LABELLING (WARN), PREVENTIVE MEASURES, EDUCATION AND TRAINING, PROTECTIVE EQUIPMENT, PHYSICAL EXAMINATION, FIRE FIGHTING, AIR ANALYSIS, FIRST-AID, CLEANING AND REPAIRS OF TANKS, WASTE DISPOSAL.

ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE EXPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.

VALUES ARE: TWA 30 MG/M3 (10 PPM) (SKIN ABSORPTION) THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS

1.0 MG/L SURFACE WATER FOR FISHING : 1.0 MG/L LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.006-10.0 MG/KG. CLV : 1.0 MG/M3 (VAPOUR)

USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	EMI	CLASS	SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AIR	OCC	TWA: 20PPM (65 MG/M3); CLV: 30PPM (98 MG/M3) (ACCEPTABLE PEAK FOR 30 MINUTES IN AN 8-HOUR SHIFT: 100PPM (327 MG/M3))	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	MAY1983 CFRUS* 40(122), 121, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	FOOD	ARL	MAY BE USED AS A FUMIGANT IN OR ON GRAIN-MILL MACHINERY. RESIDUE TOLERANCE IN MILLED FRACCTIONS DERIVED FROM CEREAL GRAIN FROM FUMIGATION SOURCES: 125MG/KG. MAY BE USED TO FUMIGATE CORN GRITS AND CRACKET RICE USED IN THE PRODUCTION OF FERMENTED MALT BEVERAGES. TOTAL RESIDUE OF INORGANIC BROMIDES IN THESE BEVERAGES: 25MG/KG.	OCT1985 CFRUS* 21, 380, 1981
WHO	REC	AIR	OCC	TWA: 10MG/M3 FOR EXPOSURE OF MALE WORKERS (TENTATIVE). TWA: 3MG/M3 FOR EXPOSURE OF WOMEN OF FERTILE AGE (TENTATIVE). CLV: 60MG/M3.	DEC1982 WHOTAC 664, 3, 1981

11/312

MCH1983 WHOTAC 664, 3, 1981

TWA: 10MG/M3 (TENTATIVE EXPOSURE LIMIT FOR MEN). TWA: 3MG/M3 (TENTATIVE EXPOSURE LIMIT FOR WOMEN IN FERTILE AGE). STEL: 60MG/M3 (15MI).

WHO REC AIR OCC MXL

FF910000 DINOBUOTON

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
BRA	REG	FOOD	AL	COTTON SEEDS : 0.05MG/KG (SAFETY INTERVALS : 21 DAYS)	AUG1982	VISAB# 2, -, 1979
CSK	REG	FOOD	CLASS	POISONOUS SUBSTANCE	JUL1967	SZCSR# 22, 217, -, 1967
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-5.0MG/KG; OTHER PLANT PRODUCTS: 0.05MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	JUN1986	BGBL** IS. 635, 635-643, 1984
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I-E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I-E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI# 17, 1, 1983
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC. S ABOVE 10% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC# 111, 6147, 1977
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC. S BELOW 10% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL1983	IMCOC# 111, 9030, 1977
SUN	REG	AIR AQ	PSL MAC	0.2MG/M3 (AEROSOL) SURFACE WATER FOR FISHING: 0MG/L; SEA WATER: 0.01MG/L	JAN1978	AUG1985 OBUVR# 1820-78, -, 1978 JUN1982 PDKTV# -, -, 1978
SUN	REG	FOOD	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1M G/KG. ADI = 0.001MG/KG (CALCULATED VALUE).	OCT1985	MDUAPP# 2823-83, -, 1983

SUN	REG	AIR	AMBI	MAC	SEP1985	PKAV#	3086-84,-,1984
SUN	REG	AQ	SURF	MAC	SEP1985	PKVO#	2932-83,-,1983
SUN	REG	USE	AGRIC	PRMT	OCT1985	SCHSB#	-,-,1982
SUN	REG	USE	AGRIC	PRMT	OCT1985	SCHSB#	-,-,1982
SUN	REG	USE	AGRIC	PRMT	OCT1985	SCHSB#	-,-,1982
SUN	REG	SOIL	MAC	PRMT	OCT1985	PKKPP#	3034-84,-,1984
SWE	REG	USE	PRMT	PRMT	APR1986	PFBEK#	-,-,58,1986
UN	REC	TRNSP	CLASS	PACK	MAY1986	UNTDG#	-,-,203,1986
		LABEL					
		PACK					

0.02MG/M3 1X/D, 0.002MG/M3 AV/D.
 0.2MG/L
 SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS
 TREATMENT. APPLICATION DOSE AND TREATMENT CON
 DITIONS ARE SPECIFIED.
 SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICU
 LTURAL USE. APPLICATION DOSE, MODE AND TREATM
 ENT FREQUENCY IS SPECIFIED.
 SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRIC
 CULTURAL USE. APPLICATION DOSE, MODE AND TREA
 TMENT FREQUENCY IS SPECIFIED.
 1.0MG/KG
 THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST
 ICIDE FORMULATIONS WHICH ARE REGISTERED AT
 THE PRODUCTS CONTROL BOARD AND THEREFORE MAY
 BE MARKETED AND USED. RULES FOR LABELLING, ST
 ORAGE, HANDLING AND USE OF THE PESTICIDE FORM
 ULATIONS ARE LAID DOWN BY THE PRODUCTS CONTR
 L BOARD, WHICH ALSO CLASSIFIES EACH FORMULATI
 ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST
 HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM
 ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ
 ED TO USE SUCH FORMULATIONS.
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP:
 III = SUBSTANCE PRESENTING MINOR DANGER WHEN
 AI = 100-25% (SOLID) OR 100-10% (LIQUID).

FG3500000 CARBON MONOXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	TWA: 30.0MG/M3; CLV: 150.0MG/M3	MCH1985	AUG1985	HPMZC* 58, -, 1985
CSK	REG	AIR	CLASS	POISONOUS SUBSTANCE	MAY1982	MAY1982	SZCSR* 22, 217, 1967
CSK	REG	AIR	IMI	1.0MG/M3, AV/D; 6.0MG/M3, AV/0.5H	JUL1967	MAY1982	HPMZC* 51, -, 1981
DEU	REC	AIR	OCC	8H-TWA: 33MG/M3 (30PPM); 30MI-STEL: 66MG/M3 (60PPM) AVERAGE VALUE. 4X/SHIFT. ACCORDING TO THE INFORMATION AVAILABLE, A RISK OF ADVERSE EFFECTS IN OFFSPRING MUST BE CONSIDERED POSSIBLE. SUCH EFFECTS CANNOT BE EXCLUDED EVEN IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT.	JAN1986	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AIR	OCC	BLOOD: 5% CO-HB			
DEU	REC	AIR	EMI	SPECIFIED INDUSTRIAL PLANTS AND OPERATIONS MUST DECLARE TO THE AUTHORITIES THE EMISSIONS OF CARBON MONOXIDE WHEN THE AMOUNT EXCEEDS 5000KG PER WEEK	21DEC1978	MAY1982	DFSK** XXI, 80, 1985 BGBL** IS.2027, 2028, 1978
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HARMFUL TO WATER (CLASS 0). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).	APR1986		GMBL** 11(G3191A), 173, 1985
DEU	REG	AIR	IMI	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REG	AIR	EMI	THE INSTALLATION OF NEW PLANTS THE FOLLOWING EMISSION VALUES (IW'S) SET TO PROTECT AGAINST HEALTH RISKS SHOULD BE TAKEN INTO ACCOUNT:	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REG	AIR	EMI	IW1 = 10MG/M3 AND IW2 = 30MG/M3.			
DEU	REG	AIR	EMI	IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW PLANTS THE ADDITIONAL AS WELL AS TOTAL EMISSION VALUES MUST BE CALCULATED IF THE AIR EMISSIONS OF CARBON MONOXIDE EXCEED 1000KG/H.			
DEU	REG	AIR	EMI	MAXIMUM EMISSION VALUES ARE SET FOR THIS SUBSTANCE IN CERTAIN TYPES OF INDUSTRIAL PLANTS.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	LABEL PACK	RQR	F - FLAMMABLE. T - TOXIC. EXTREMELY FLAMMABLE (R 12). TOXIC BY INHALATION (R 23). KEEP CONTAINER TIGHTLY CLOSED (S 7). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16).	APR1986		OJEC** L. 106, 18, 1982
EEC	REG	AIR	EMI	MEMBER STATES SHALL REQUIRE PRIOR AUTHORIZATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORIZATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF THIS SUBSTANCE.	30JUN1987	APR1986	OJEC** L188, 20, 1984

GBR	REC	AIR	OCC	RECL	8H-TWA: 55MG/M3 (50PPM). STEL(10MI-TWA): 440 MG/M3 (400PPM)	OCT1985	GNHSE*	EH40/85, 1, 1985
GBR	REG	AIR	EMI	RQR	IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS CARBON MONOXIDE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.	APR1986	GBRSI*	943, 1, 1983
JPN	REG	AIR	EMI	MPC	PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS: DIFFERENT LIMITS ARE GIVEN FOR DIFFERENT TYPES OF VEHICLES	DEC1982	QEJPN*	-, 398, 1981
JPN	REG	AIR	IMI	MXL	AMBIENT AIR QUALITY STANDARD: 10PPM (11MG/M3) AS THE DAILY AVERAGE OF HOURLY VALUES; 20PPM (23MG/M3) AS THE HOURLY VALUE (ANALYSIS: NON DISPERSIVE IN FRARED ANALYSER METHOD)	DEC1982	QEJPN*	-, 378, 1981
JPN	REC	AIR	OCC	MAC	55MG/M3 (50PPM) VALUES ARE: TWA	JUL1986	SAIGLB	27, 195-219, 1985
SUN	REG	AIR	OCC	MAC	CLV: 20.0MG/M3 (VAPOUR)	JAN1977	GOSTS*	12.1.005, -, 1976
SUN	REG	AIR	AMBI	MAC	5.0MG/M3 1X/D, 3.0MG/M3 AV/D.	AUG1984	PKAV*	3086-84, -, 1984
SWE	REG	AIR	OCC	HLV	TWA: 40MG/M3 (35PPM); STEL: 120MG/M3 (100PPM) TWA REEERS TO 1D-TWA	01JAN1985	AFS***	1984:5, 10, 1984
USA	REC	AIR	OCC	TLV	'STEL' REFERS TO 'STEL(15MI-TWA)'	SEP1985	ACGIH*	1984-85, 9, 1984
USA	REC	AIR	OCC	BEI	TWA: 55MG/M3 (50PPM); STEL: 440MG/M3 (400PPM) CARBOXYHEMOGLOBIN IN BLOOD AT END OF SHIFT: <8% CO IN END-EXHALED AIR AT END OF SHIFT: <40PPM. AN IDENTIFIABLE POPULATION GROUP MIGHT HAVE AN INCREASED SUSCEPTIBILITY TO THE EFFECT OF CO. (THE DETERMINANTS ARE NONSPECIFIC SINCE DIFFERENT CHEMICALS MAY BEAR THE SAME BIOLOGICAL RESPONSE)	SEP1985	ACGIH*	1984-85, 62, 1984
USA	REG	AIR	EMI	RQR	EMISSION STANDARDS FOR 1985 AND LATER MODELS OF LIGHT-DUTY TRUCKS: 14G/MILE (= 8.7G/KM); FOR 1987 AND LATER MODELS OF LIGHT-DUTY VEHICLES: 3.4G/MILE (= 2.11G/KM), LIGHT-DUTY TRUCKS: 10G/MILE (= 6.2G/KM)	24JAN1984	FEREAC	49, 3010, 1984
USA	REG	AIR	EMI	MXL	EMISSION STANDARD FOR 1984 AND LATER MODELS OF GASOLINE-FUELED HEAVY-DUTY ENGINES: 15.5G/BRAKE HORSEPOWER HOUR	JUN1983	CFRUS*	40, 242, 1981
USA	REG	AIR	EMI	RQR	EMISSION STANDARD FOR 1980 AND LATER MODELS OF CERTAIN GASOLINE-FUELED MOTORCYCLES: 12G/KM	JUN1983	CFRUS*	40, 242, 1981
USA	REG	AIR	EMI	RQR	EMISSION STANDARDS FOR 1985 AND LATER MODELS OF LIGHT-DUTY VEHICLES: 3.4G/MILE (2.11G/KM); LIGHT-DUTY TRUCKS FOR USE AT HIGH ALTITUDES: 26G/MILE; DIESEL HEAVY-DUTY TRUCKS: 15.5G/BRAKE HORSEPOWER HOUR	JUN1983	CFRUS*	40, 242, 1981
USA	REG	FOOD	FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THE INSECTICIDE COMBUSTION PRODUCT GAS WHEN USED AFTER HARVEST IN MODIFIED ATMOSPHERES FOR STORED PRODUCT INSECT CONTROL ON ALL RAW AGRICULTURAL COMMODITIES (EXCEPT FRESH MEAT) WITH THE FOLLOWING PRESCRIBED CONDITIONS. (A) THE INSECTICIDE IS PRODUCED BY THE CONTROLLED COMBUSTION IN AIR OF BUTANE, PROPANE, OR NATURAL GAS. (PROVIDED THAT AN ABSORPTION TYPE FILTER CAPABLE OF REMOVING POSSIBLE TOXIC IMPURITIES IS USED). (B) THE INSECTICIDE MEETS THE FOLLOWING SPECIFICATIONS: (1) CARBON MONOXIDE CONTENT NOT TO EXCEED 4.5 PERCENT BY VOLUME. (2) IT IS USED OR INTENDED FOR USE TO DISPLACE OR REMOVE OXYGEN IN THE STORAGE OF FOOD, EXCEPT FRESH MEAT.	APR1986	CFRUS*	40(180), 269, 1981

USA	REG	AIR	OCC	RQR	MXL	REQUIREMENTS FOR FRESH AIR SUPPLY IN SPRAY FINISHING OPERATIONS. MAXIMUM RATE OF GAS SUPPLY TO THE AIR HEATER BURNERS MUST NOT EXCEED THAT WHICH WOULD YIELD MORE THAN 200 PPM OF CO IF THE FLAME FAILED AND UNBURNED GAS WERE MIXED WITH THE AIR SUPPLY	APR1986 CFRUS* 29(1910), 167, 1981
USA	REG	OCC	RQR			WHEN RESPIRATORS ARE NECESSARY TO PROTECT EMPLOYEES FROM HARMFUL GASES, VAPORS, FUMES, ETC AND AN OIL-LUBRICATED COMPRESSOR IS USED TO SUPPLY THE BREATHING AIR, THE COMPRESSOR MUST HAVE AN ALARM, OR BE FREQUENTLY TESTED, FOR CARBON MONOXIDE	APR1986 CFRUS* 29(1910), 349, 1981
USA	REG	OCC	RQR			WHEN RESPIRATORS ARE NECESSARY TO PROTECT EMPLOYEES FROM HARMFUL GASES, FUMES, VAPORS, ETC AND GAS MASK CANISTERS ARE USED, THE CANISTER MUST BE PAINTED BLUE IF IT IS DESIGNED TO PROTECT AGAINST CARBON DIOXIDE AND RED WITH A GREY STRIPE IF IT PROTECTS AGAINST ALL CONTAMINANTS LISTED (I.E. HYDROCYANIC ACID, ACID GAS, CHLORINE, ORGANIC VAPOURS, AMMONIA, CARBON MONOXIDE, CHLOROPICRIN, AND RADIOACTIVE MATERIALS)	APR1986 CFRUS* 29(1910), 349, 1981
USA	REG	OCC	RQR			POWER TRUCKS IN PULP, PAPER AND PAPER BOARD MILLS MUST MEET STATED SPECIFICATIONS TO PREVENT DANGEROUS CONCENTRATIONS OF CARBON MONOXIDE RESPIRABLE AIR SUPPLIED TO DIVERS FROM AIR COMPRESSORS DURING DIVING OPERATIONS IN U.S. WATERS MUST NOT CONTAIN THE SUBSTANCE IN EXCESS OF 20 PPM. EQUIPMENT TESTING REQUIREMENTS	APR1986 CFRUS* 29(1910), 572, 1981
USA	REG	AIR	OCC	PEL		TWA : 55 MG/M3 (50 PPM)	APR1986 CFRUS* 29(1910), 673, 1981
USA	REG	GOODS	RQR			AN OXYGEN DEPLETION SAFETY SHUTOFF SYSTEM IS REQUIRED FOR UNVENTED GAS-FIRED SPACE HEATERS TO PREVENT CARBON MONOXIDE POISONING	APR1986 CFRUS* 16(1212), 250, 1982
USA	REG	GOODS LABEL	RQR	WARN		CARBON MONOXIDE IS RELEASED WHEN CHARCOAL IS BURNED, AND CAN CAUSE SERIOUS INJURY OR DEATH IF THE CHARCOAL IS BURNED IN CONFINED AREAS WITHOUT VENTILATION OR INDOORS. WARNING LABELS ARE REQUIRED ON CONTAINERS OF CHARCOAL PRODUCTS	APR1986 CFRUS* 16(1500), 300, 1982
USA	REG	AIR	EMI	MXL	RQR	PROCEDURES AND STANDARDS FOR CERTIFICATION OF LIGHT DUTY VEHICLES AS LOW EMISSION VEHICLES AND OF PROPULSION SYSTEMS AS INHERENTLY LOW-POLLUTING SYSTEMS (NOT REQUIRING CONTROL DEVICES FOR EXHAUST EMISSIONS). VEHICLES PURCHASED IN MODEL YEAR 1975 AND BEYOND MUST MEET STATED SPECIFICATIONS AND MUST NOT EMIT THE SUBSTANCE IN EXCESS OF 0.7 G/VEHICLE MILE	APR1986 OJEC** 40(85), 194, 1981
USA	REG	AIR	EMI	MXL	RQR	EMISSIONS OF CARBON MONOXIDE FROM LIGHT-DUTY VEHICLES AND TRUCKS OF 1981 YEAR MODEL OR LATER, MUST NOT EXCEED 1-1.2% DEPENDING ON TEST PROCEDURE	APR1986 OJEC** 40(85), 238, 1981
USA	REG	AIR	AMBI	MPC		NATIONAL PRIMARY AND SECONDARY AMBIENT AIR QUALITY STANDARD : 10 MG/M3 (9 PPM) AS A MAXIMUM 8-HOUR CONC. 40 MG/M3 (35 PPM) AS A MAXIMUM 1-HOUR CONC. (NONE TO BE EXCEEDED MORE THAN ONCE PER YEAR)	MAY1986 CFRUS* 40(50), 532, 1981
USA	REG	AIR	AMBI	MXL		RECOMMENDED REGULATION DESCRIBING THE EMERGENCY LEVEL FOR AIR POLLUTION, WHEN SPECIFIED STRINGENT CONTROL ACTIONS SHOULD BE TAKEN, WHEN THE CONCENTRATION OF THIS SUBSTANCE REACHES 46 MG/M3 (40 PPM) (AS A 8-HOUR AVERAGE)	MAY1986 CFRUS* 40(50), 668, 1981

USA	REG	AIR	AMBI	MXL	RECOMMENDED REGULATION DESCRIBING THE WARNING LEVEL FOR AIR POLLUTION, WHEN SPECIFIED SECOND STAGE CONTROL ACTIONS SHOULD BE TAKEN, WHEN THE CONCENTRATION OF THIS SUBSTANCE REACHES 34 MG/M3 (30 PPM) (AS A 8-HOUR AVERAGE)	MAY1986 CFRUS*
USA	REG	AIR	AMBI	MXL	RECOMMENDED REGULATION DESCRIBING THE ALERT LEVEL FOR AIR POLLUTION, WHEN SPECIFIED FIRST STAGE CONTROL ACTION SHOULD BE TAKEN, WHEN THE CONCENTRATION OF THIS SUBSTANCE REACHES 17 MG/M3 (15PPM) (AS A 8-HOUR AVERAGE), AT ANY MONITORING STATION	MAY1986 CFRUS* 40(50), 668, 1981
USA	REG	AIR	AMBI	RQR	REQUIREMENTS CONCERNING CONTROL STRATEGY, REPORTING AND TIME LIMITS FOR REGIONS WHERE EMISSION REDUCTION ARE NECESSARY TO ATTAIN AND MAINTAIN A NATIONAL PRIMARY AIR QUALITY STANDARD FOR CARBON MONOXIDE	MAY1986 CFRUS* 40(51), 592, 1981
USA	REG	AIR	EMI	RQR	ANNUAL REPORTING REQUIREMENTS FOR POINT SOURCES EMITTING 907 METRIC TONNES (OF CARBON MONOXIDE) OR MORE PER YEAR	MAY1986 CFRUS* 40, 650, 1981
USA	REG	AIR	EMI	RQR	ANNUAL REPORTING REQUIREMENTS FOR ANY INDIVIDUAL EMISSION POINT WITHIN A FACILITY WHICH EMITS 227 METRIC TONNES (OF CARBON MONOXIDE) OR MORE PER YEAR	MAY1986 CFRUS* 40, 650, 1981
USA	REG	AIR	ABMI EMI	RQR	CONSTRUCTION PERMIT, CONTROL TECHNOLOGY, AIR QUALITY ANALYSIS, MONITORING AND OTHER REQUIREMENTS ARE SPECIFIED FOR NEW AND MODIFIED STATIONARY SOURCES EMITTING CARBON MONOXIDE IN AREAS WHERE THE CONC. MEETS THE NATIONAL AIR QUALITY STANDARD. (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS).	MAY1986 CFRUS* 40(52), 28, 1981
USA	REG	AIR	EMI	RQR	THE ADMINISTRATOR MAY EXEMPT CERTAIN SPECIFIED STATIONARY SOURCES FROM MONITORING REQUIREMENTS FOR CARBON MONOXIDE IF CONCENTRATIONS IN THE AREA ARE, AND EMISSION INCREASES FROM THE NEW SOURCE WOULD CAUSE AIR QUALITY IMPACTS OF LESS THAN 575UG/M3 (8-HOUR AVERAGE). (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS).	MAY1986 CFRUS* 40(52), 30, 1981
USA	REG	AIR	EMI	RQR	CONSTRUCTION PERMITS ARE REQUIRED FOR SPECIFIED INDIRECT POLLUTION SOURCES (E.G. PARKING AIRPORT, HIGHWAY PROJECTS); CONSTRUCTION REQUIREMENTS ARE TO BE DENIED IF THE INDIRECT SOURCE WILL CAUSE OR EXACERBATE THE NATIONAL STANDARD FOR THIS SUBSTANCE.	MAY1986 CFRUS* 40(52), 37, 1981
USA	REG	AIR	EMI AMBI	RQR	PERMITS ARE REQUIRED FOR THE CONSTRUCTION OR MODIFICATION OF CERTAIN SPECIFIED MAJOR STATIONARY SOURCES EMITTING CARBON MONOXIDE IN AN AREA WHERE THE AMBIENT AIR CONC. OF THIS SUBSTANCE EXCEEDS THE NATIONAL AIR QUALITY STANDARD. AFTER 30 JUNE 1979 NO SUCH SOURCE MAY BE CONSTRUCTED OR MODIFIED IN SUCH AN AREA IF THE EMISSIONS WILL CAUSE OR CONTRIBUTE TO THE CONC. WHICH EXCEEDS THE NATIONAL STANDARD UNLESS CERTAIN REQUIREMENTS ARE MET.	MAY1986 CFRUS* 40(52), 43, 1981
USA	REG	AIR	AMBI	RQR	CRITERIA/REQUIREMENTS FOR STATE OR LOCAL AIR MONITORING STATIONS AND FOR REPORTING ON AMBIENT AIR QUALITY DATA FOR THIS SUBSTANCE.	MAY1986 CFRUS* 40(58), 126, 1981
USA	REG	AIR	EMI RQR	MXL RQR	FOR CERTAIN PETROLEUM REFINERIES MONITORING REQUIREMENTS ARE GIVEN, ALONG WITH PERFORMANCE STANDARDS AS FOLLOWS: NO GASES OF 30% OR MORE OPACITY OR WHICH CONTAIN THIS SUBSTANCE IN EXCESS OF 0.05 % BY VOLUME (STANDARDS SHOULD	MAY1986 CFRUS* 40(60), 232, 1981

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BE ATTAINED WITHIN 60 DAYS OF ACHIEVING MAXIMUM PRODUCTION RATE BUT NOT LATER THAN 180 DAYS OF INITIAL START UP)
FOR CERTAIN FERROALLOY PRODUCTION FACILITIES MONITORING REQUIREMENTS ARE GIVEN, ALONG WITH PERFORMANCE STANDARDS AS FOLLOWS : NO GASES OF 10-15% OR MORE OPACITY OR WHICH CONTAIN CARBON MONOXIDE IN EXCESS OF 20% OR MORE BY VOLUME (ON A DRY BASIS) (STANDARDS SHOULD BE ATTAINED WITHIN 60 DAYS OF ACHIEVING MAXIMUM PRODUCTION RATE BUT NOT LATER THAN 180 DAYS OF INITIAL START UP)
EXHAUST EMISSIONS OF THE SUBSTANCE FROM CERTAIN SPECIFIED NEW AIRCRAFT GAS TURBINE ENGINES MUST NOT EXCEED 4.3-30.1 POUNDS/1000 POUND-THRUST HOURS/CYCLE, DEPENDING ON ENGINE CLASS AND MANUFACTURE DATE

USA REG AIR EMI MXL RQR

MAY1986 CFRUS* 40(60),268,1981

USA REG AIR EMI MXL

MAY1986 CFRUS* 40,875,1981

FG4900000 CARBON TETRACHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK CSK	REG REG	AIR USE LABEL PACK	MAC CLASS RQR RSTR	TWA: 10.0MG/M3; CLV: 20.0MG/M3 SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	MCH1985 1APR1985	HPMZZC* 58, -, 1985 HPMZZC* 56, -, 1984
CSK DEU	REG REG	AIR EMI	CLASS MXL	POISONOUS SUBSTANCE THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	JUL1967 28FEB1986	SZCSR* 22, 217, -, 1967 GMBL** 7, 93-143, 1986
DEU	REG	FOOD	MRL	PLANT (ALL): 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	BGBL** I.S.635, 635-643, 1984
DEU	REC	AIR	MAK	8H-TWA: 65MG/M3 (10PPM); 30MI-STEL: 130MG/M3 (20PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=12.0KPA AT 12C). SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS I, II, III, IV, V; HARMFUL CLASS I, II, III, IV, V; I, II, III, IV, V; THIS SOLVENT IS CLASSIFIED IN CLASS I, II, III, IV, V. (BGBL I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	10OCT1980	BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	BGBL** I.S.140, 140, 1982
DEU	REC	AIR	BAT	TETRACHLOROMETHANE IN ALVEOLAR AIR: 1.6ML/M3 (=PPM) 1 HOUR AFTER SHIFT.	JAN1986	DFSK** XXI, 80, 1985
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL) IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	APR1986	GMBL** 11(G3191A), 173, 1985

FAO/WHO REC	REC	FOOD	GL	CLASS	REG	TRNSP LABEL	MAR IN	CLASS	HAZARD CLASS:	PACKING GROUP:	DESCRIPTION	DATE	REGISTRATION NO.
GBR	REG	TRNSP LABEL	GL	RQR	REG	TRNSP LABEL	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	CEREAL GRAINS (AT POINT OF ENTRY INTO A COUNTRY AND, IN THE CASE OF CEREAL FOR MILLING, IF THE COMMODITY HAS BEEN FREELY EXPOSED TO AIR FOR AT LEAST 24 HOURS) 50 MG/KG; BREAD AND OTHER CEREAL PRODUCTS (AT POINT OF RETAIL SALE OR WHEN OFFERED FOR CONSUMPTION), MILLED CEREAL PRODUCTS INTENDED FOR CONSUMPTION WITHOUT COOKING (THE CEREAL GRAINS MUST BE SELECTED FROM LOTS WHICH HAVE NOT BEEN TREATED WITH THE FUMIGANT) 0.01 MG/KG.	APR1982	FPPDD 20.80, 1980
GBR	REG	TRNSP LABEL	GL	RQR	REG	TRNSP LABEL	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. E 28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REC	PACK AIR	GL	RQR	REC	PACK AIR	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	EMERGENCY ACTION CODE: Z2	APR1986	GBRSI* 17, 1, 1983
GBR	REG	USE	GL	RQR	REG	USE	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	18, 1982).	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	USE	GL	RQR	REG	USE	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	8H-TWA: 65MG/M3 (10PPM). STEL(10MI-TWA): 130 MG/M3 (20PPM). SKIN ABSORPTION.	JUN1986	GBRSI* 1973:36, 1, 1973
IND	REC	TRNSP LABEL	GL	RQR	REC	TRNSP LABEL	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED.	SEPI982	IMCOC* 4, 10003, 1977
IND	REG	IMPRT MANUF	GL	RQR	REG	IMPRT MANUF	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	(INDIA RUBBER MANUFACTURE REGULATION 1922, S.I. 1922: NO. 329 AS LAST AMENDED BY THE REFERENCE GIVEN)	DEC1982	INDS** IS:5311, -, 1969
IND	REG	IMPRT MANUF	GL	RQR	REG	IMPRT MANUF	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	EDUCATION AND TRAINING, PROTECTIVE EQUIPMENT, PERIODIC HEALTH EXAMINATION, AIR ANALYSIS, FIRST AID, CLEANING AND REPAIRS OF TANKS, WASTE DISPOSAL.	01AUG1971	MAY1984 INDIA* -, -, 1968
JPN	REC	AIR	GL	MAC	REC	AIR	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	JUL1986	SAIGLB 27, 195-219, 1985
JPN	REG	CLASS LABEL	GL	RQR	REG	CLASS LABEL	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	65 MG/M3 (10 PPM) (SKIN ABSORPTION) VALUES ARE: TWA	JUL1983	JPPDL* -, -,
SUN	REG	SALE	GL	RQR	REG	SALE	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	FOOD	GL	RQR	REG	FOOD	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-50.0 MG/KG.	JUN1983	JPPDL* -, -,
SUN	REG	FOOD	GL	RQR	REG	FOOD	MAR IN	CLASS	6.1 = POISONOUS SUBSTANCE.	II = SUBSTANCE PRESENTING MEDIUM DANGER.	CLV : 20.0 MG/M3 (VAPOUR)	JAN1977	GOSTS* 12.1.005, -, 1976

USA	REG	USE	OCC	RSTR	EMI	CLASS	DESCRIPTION	DATE
USA	REG	USE	OCC	RSTR	EMI	CLASS	EMPLOYERS MAY NOT USE THE SUBSTANCE AS A FIRE EXTINGUISHING AGENT WHERE EMPLOYEES MAY BE EXPOSED.	JUN1983 CFRUS* 29 (1910), 376, 1981
USA	REG	FOOD FEED		ARL			EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED GRAINS.	APR1983 CFRUS* 40, 269, 1981
USA	REG	WASTE		CLASS			IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE CARBON TETRACHLORIDE IS RATED AS A HIGHLY PERSISTENT COMPOUND.	10DEC1982 JUN1983 FEREAC 47, 31230, 1982
USA	REG	AQ	EMI	CLASS	MXL		CARBON TETRACHLORIDE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	GOODS		PRO RQR			CARBON TETRACHLORIDE AND ANY MIXTURE CONTAINING IT IS BANNED AS A HAZARDOUS PRODUCT BECAUSE IT POSSESSES SUCH A DEGREE OF HAZARD THAT A DEQUATE CAUTIONARY LABELLING CANNOT BE WRITTEN AND PUBLIC HEALTH CAN ONLY BE SERVED BY KEEPING IT OUT OF INTERSTATE COMMERCE (DOES NOT APPLY TO UNAVOIDABLE MANUFACTURING RESIDUES IN OTHER CHEMICALS IF ANY REASONABLE USE DOES NOT RESULT IN ATMOSPHERIC CONCENTRATIONS OF MORE THAN 10 PPM (63 MG/M3))	JUL1983 CFRUS* 16(1500), 302, 1982
USA	REG	FOOD USE		PRMT			MAY BE USED AS AN ANTI-OFFSET SUBSTANCE IN PAPER AND PAPERBOARD USED FOR FOOD PACKAGING UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 2270 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	JUL1983 CFRUS* 21(176), 152, 1981
USA	REG	AQ	EMI	RQR RSTR			WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)	MAY1983 CFRUS* 40 (117), 44, 1981
USA	REG	WASTE		RQR			WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	FOOD		PRMT			WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)	JUL1983 CFRUS* 21(176), 172, 1981

APR1983 CFRUS* 40(261), 362, 378, 1981

CLASS CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES. SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED : FERECAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

MAY1983 CFRUS* 40(116), 33, 1981

CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

10DEC1982 JUN1983 FERECAC 47, 31319, 1982

CLASS IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR CARBON TETRACHLORIDE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 0 AND THE REACTIVITY VALUE IS 0. MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD.

MAY1986 CFRUS* 21, 114, 1981

CLASS PRMT

MCH1983 WHODW* -, 17, 1983

CLASS DRINK GL

FN9770000 BARIUM CHLORATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. OXIDIZING. XN - HARMFUL. EXPLOSIVE WHEN MIXED WITH COMBUSTIBLE MATERIAL (R 9). HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27). FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	APR1986		GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L.106, 18, 1982
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR PRO		1SEP1978	APR1986	GBRSI* 17, 1, 1983
USA	REG	GOODS USE		FIREWORK DEVICES (EXCEPT FIRECRACKERS) NOT OTHERWISE BANNED AS A HAZARDOUS SUBSTANCE MUST NOT CONTAIN CHLORATES (EXCEPT FOR CERTAIN SMOKE MIXTURES AND CERTAIN SMALL DEVICES WITH A TOTAL POWDER CONTENT OF NOT MORE THAN 4G OF WHICH NOT MORE THAN 15% IS POTASSIUM, SODIUM OR BARIUM CHLORATE) AND MUST CONFORM TO OTHER APPLICATION REQUIREMENTS. ALL SUCH DEVICES NOT CONFORMING TO THE REQUIREMENTS ARE BANNED AS HAZARDOUS SUBSTANCES AND PROHIBITED FROM INTERSTATE COMMERCE.		APR1986	CFRUS* 16(1507), 374, 1982

RECOMMENDATIONS-LEGAL MECHANISMS

FS9100000 CHLOROFORM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	94 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEG REC: MAXIMUM)	AUG1982	SMTBR* 3, 141, 1980
CSK	REG	AIR	OCC	MAC	TWA: 10.0MG/M3 (10PPM); 30MI-STEL: 100MG/M3	MCH1985	HPMZC* 58, 1985
DEU	REG	AIR	OCC	MAK	(20PPM) AVERAGE VALUE 4X/SHIFT. (VP=21.0KPA AT 20C). SUBSTANCE SUSPECT OF CARCINOGENIC PO TENTIAL. THE MAK VALUE IS THEREFORE TENTATIVE LY RETAINED.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR EPARATIONS CONTAINING THE SOLVENT AT A CONCENTR TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIA. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE NT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	USE	AGRIC	PRO	PROHIBITION OF APPLICATION AS AN ACTIVE SUBST ANCE IN PESTICIDES	FEB1981	DEC1985 BGBL** IS 2335, 2335, 1980
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURI TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN G STORAGE, LOADING AND TRANSPORT. XN - HARMFUL. HARMFUL BY INHALATION (R 20). KEEP OUT OF REACH OF CHILDREN (S 2). AVOID CONTACT WITH SKIN AND EYES (S 24/25).	APR1986	GMBL** 11(C3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR		APR1986	OJEC** L.106, 18, 1982

USA	REG	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983 CFRUS* 21, 114, 1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	APR1983 CFRUS* 40(180.1001), 258, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	DRINK MPC	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.10MG/L OF TOTAL TRIHALOMETHANES	13OCT1981 AUG1983 FEREAC 46, 41037, 1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED CROPS.	APR1983 CFRUS* 40, 269, 1981

USA	REG AQ	EMI	CLASS	MAY1983 CFRUS* 40(116),33,1981
USA	REG AIR OCC	PEL	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE	
USA	REG FOOD ARL	ARL	S, AND SOLUTIONS AND MIXTURES CONTAINING THE	
			SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST	
			ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI	
			LLING, LEAKING, ETC.) UNDER THE WATER POLLUT	
			ION CONTROL ACT.	
			CLY: 240 MG/M3 (50PPM)	
			BECAUSE IT INDUCES ONCOGENIC EFFECTS IN TEST	
			ANIMALS AND IS CONSIDERED A POTENTIAL HUMAN C	
			ARCINOGEN, THOSE REGISTERING THE SUBSTANCE FO	
			R GRAIN-FUMIGATION MUST SUBMIT DATA TO ESTABL	
			ISH A TOLERANCE OF PERMISSIBLE RESIDUES IN RA	
			W AGRICULTURAL COMMODITIES	
WHO	REC AQ	DRINK GL	30 UG/L (DISINFECTION EFFICIENCY MUST NOT BE	
			COMPROMISED WHEN CONTROLLING THIS PARAMETER)	

JUN1974 APR1983 CFRUS* 29(1910),673,1981
 4FEB1983 AUG1983 FERECAC 48,498,1983

MCH1983 WHODW* -,17,1983

G82450000 CHROMIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	22MAY1979	MAY1985 ADECT* 351, -, 1979
BRA	REG	AIR	OCC	AL	AUG1982	SMTBR* 3, 139, 1980
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
EEC	REG	GOODS	PRO		JUN1986	OJEC** L149, 38, 1986
EEC	REG	FOOD	MXL		FEB1986	OJEC** L43, 11, 1981
GBR	REG	TRNSP LABEL	CLASS RQR		JAN1983	GBRSI* 1702, 1, 1978
IMO	REC	TRNSP LABEL PACK	CLASS		SEP1982	IMCOC* 4, 10003, 1977
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR		JUL1983	JPPDL* -, -,
SWE	REG	CLASS AIR	CLASS HLV		OCT1984	STNAF* 1983:6, 1, 1983
SWE	REG	CLASS AIR	CLASS HLV		JAN1985	AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL PACK	CLASS		SEP1982	UNTDG* -, 11, 1986
USA	REG	WASTE	RSTR		APR1983	CFRUS* 40(264), 405/445, 1981
USA	REG	AQ	EMI	CLASS	MAY1983	CFRUS* 40(116), 33, 1981

APPLIES TO CHROMIC ACID AND CHROMATES.
TWA: 0.1MG/M3 (AS CR); STEL: 0.1MG/M3 (AS CR)
0.04 MG/M3 (FOR 48H/WK) (HAZARDOUS GRADE : MA
XIMUM)
ALKALINE CHROMATES ARE SUSPECTED OF CARCINOGE
NIC POTENTIAL.
FOR CHROMIUM TRIOXIDE (CHROMIC ACID): 8H-TWA:
0.1MG/M3 AND 5MI-STEL: 0.2MG/M3 CEILING VALU
E, 8X/SHIFT. LOCAL IRRITANT. SUBSTANCE SUSPEC
T OF CARCINOGENIC POTENTIAL. THEREFORE THE MA
K VALUE IS TENTATIVELY RETAINED.
SUBSTANCE WHICH MUST NOT FORM PART OF THE COM
POSITION OF COSMETIC PRODUCTS. THE MARKETING
OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE
IS PROHIBITED.
EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976
AS LAST AMENDED BY THE REFERENCE GIVEN.
(APPLIES TO CHROMIC ACID AND ITS SALTS).
NO DETECTABLE QUANTITIES OF CHROMATES
MAY BE CONTAINED IN COLOURING MATTERS AUTHORI
ZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN
CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC
115, 2645/62, 1962 - AS LAST AMENDED BY THE
REFERENCE GIVEN).
LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANC
E. EMERGENCY ACTION CODE: 2X (APPLIES TO CHRO
MIC ACID SOLUTION)
HAZARD CLASS: 8 = CORROSIVE.
PACKING GROUP: 11 = SUBSTANCE PRESENTING
MEDIUM DANGER.
PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED
AS DELETERIOUS BY CABINET ORDER (APPLIES TO
CHROMATES)
GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE
1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND CHROMAT
ES, AS CR. STEL(15MIN-TWA): 0.06MG/M3
CARCINOGENIC, SENSITIZATION.
HAZARD CLASS: 8 = CORROSIVE.
PACKING GROUP: 11 = SUBSTANCE PRESENTING
MEDIUM DANGER.
(APPLIES TO CHROMIC ACID SOLUTION)
SPECIAL PRECAUTION MUST BE TAKEN BY OWNERS AN
D OPERATORS OF HAZARDOUS WASTE TREATMENT, STO
RAGE OR DISPOSAL FACILITIES WHEN MIXING THIS
SUBSTANCE WITH CERTAIN OTHER HAZARDOUS WASTES
. SUCH INCOMPATIBLE WASTES MUST NOT BE PLACED
IN THE SAME CONTAINER, NOR STORED IN THE SAM
E AREA
THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
S, AND SOLUTIONS AND MIXTURES CONTAINING THE
SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST
ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI
LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI
ON CONTROL ACT.

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USA REG AQ EMI RQR RSTR MAY1983 CFRUS* 40(117),44,1981

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

USA REG AIR OCC PEL APR1983 CFRUS* 29(1910),673,1981

CLV: 0.1 MG/M3 (APPLIES TO CHROMIC ACID AND CHROMATES)

THIS PAGE CONTAINS A SUMMARY OF

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GB2750000		CALCIUM CHROMATE					
DEU	REC	AIR	OCC	TRK		JAN1986	DFSK** XXI, 66, 1985
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	RQR	01AUG1980	MAY1982	BGBL** IS. 772.777-779, 1980
		AQ	IMI	RQR			
		SOIL	IMI	RQR			
		SED	IMI	RQR			
DEU	REG	OCC		RQR	10CT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
JPN	REG	CLASS LABEL SALE		CLASS RQR RSTR	JAN1965	JUL1983	JPPDL* -, -,
SWE	REG	AIR	OCC	HLV	01JAN1985	JAN1985	AFS*** 1984:5, 10, 1984
SWE	REG	CLASS LABEL		CLASS RQR	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	MAY1986	CFRUS* 40(261), 358, 1981

1Y-TWA: 0.1MG/M3 (CALCULATED AS CRO3 IN TOTAL INHALABLE DUST).
 CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER
 (APPLIES TO RESPIRABLE DUST)

MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS):
 GROUP II (HIGHLY DANGEROUS): $\geq 10\text{G/KG}$ (1%)
 GROUP III (DANGEROUS): $< 10\text{-}1\text{G/KG}$ ($< 1\text{-}0.1\%$)
 THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS INCLUDED IN THE CLASS II CARINOGENS. (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.
 THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS. (APPLIES TOCHROMATES)

1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND CHROMATES, AS CR. CARCINOGENIC, SENSITIZATION INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.
 ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.

USA	REG	WASTE	CLASS RSTR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986	CFRUS*	40(261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981	MAY1986	CFRUS*	40(264), 455, 1981
USA	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.			MAY1986	CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.			MAY1986	CFRUS* 40(117), 44, 1981

11/336

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GB2800000 CALCIUM CHROMATE, DIHYDRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REG	CLASS LABEL SALE AIR OCC	RQR RSTR HLV	CLASS THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS. (APPLIES TO CHROMATES)	JAN1965	JUL1983	JPPDL* -, -,
SWE	REG	REG AIR OCC	HLV	1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND CHROMATES, AS CR. CARCINOGENIC, SENSITIZATION INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	01JAN1985	JAN1985	AFS*** 1984:5,10,1984
SWE	REG	CLASS LABEL	RQR	CLASS THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS. (APPLIES TO CHROMATES)	28FEB1986	JUN1986	STNAF* 1985:7(PK29),1,1985

GB2940000 POTASSIUM CHROMATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT. IRRITATING TO EYES/RESPIRATORY SYSTEM AND SKIN (R 36/37/38). MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). DO NOT BREATHE DUST (S 22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER)(S 28). PREPARATIONS (PAINTS, VARNISHES, ETC.) THAT CONTAIN POTASSIUM CHROMATE AT CONCS >=0.5% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.	APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PREPARATIONS (PAINTS, VARNISHES, ETC.) THAT CONTAIN POTASSIUM CHROMATE AT CONCS >=0.5% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.	APR1986	OJEC** L147,11,1983
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106,18,1982)	APR1986	GBRSI* 17,1,1983
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO CHROMATES)	JUL1983	JPPDL* -,-,
SWE	REG	AIR OCC	HLV	1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND CHROMATES, AS CR. CARCINOGENIC, SENSITIZATION INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	JAN1985	JAN1985 AFS*** 1984:5,10,1984
SWE	REG	CLASS LABEL	CLASS RQR	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	JUN1986	JUN1986 STNAF* 1985:7(PK29),1,1985
USA	REG	AQ EMI	CLASS	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON-OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1986	CFRUS* 40(116),33,1981
USA	REG	AQ EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON-OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1986	CFRUS* 40(117),44,1981

GB2955000 SODIUM CHROMATE

AREA	TYPE SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REG CLASS LABEL SALE	CLASS RQR RSTR HLV	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS. (APPLIES TO CHROMATES)	JAN1965	JUL1983	JPPDL* -, -,
SWE	REG ATR OCC		1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND CHROMAT ES, AS CR. CARCINOGENIC, SENSITIZATION INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDA NCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PROD UCT WITH THE SYMBOL 'T'.	01JAN1985	JAN1985	AFS*** 1984:5, 10, 1984
SWE	REG CLASS LABEL	CLASS RQR		28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG AQ EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.		MAY1986	CFRUS* 40(116), 33, 1981
USA	REG AQ EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(117), 44, 1981
USA	REG FOOD	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANS PORTING OR HOLDING FOOD.		MAY1986	CFRUS* 21, 114, 1981

GB4200000 CHROMIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CMEA	REC	FOOD	MPC	LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCTS: S: MILK PRODUCTS: 0.1MG/KG; MEAT PRODUCTS: 0.2-0.5MG/KG; FISH PRODUCTS: 0.3MG/KG; CEREAL S: 0.4MG/KG; VEGETABLES: 0.2MG/KG; FRUITS: 0.1MG/KG; BABY FOODS: 0.1MG/KG; OTHER FOOD PRODUCTS: 0.5MG/KG; BEVERAGES: 0.05MG/KG (APP LIES TO CHROMIUM AND ITS COMPOUNDS, CALCULATE D AS CHROMIUM). TWA: 0.05MG/M3; CLV: 0.1MG/M3 (CALCULATED AS CR) (APPLIES TO CR AND ITS COMPOUNDS) LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTI ON, PACKING, TRANSPORT AND STORAGE OF FOOD PR ODUCTS: 0.5MG/KG (FOOD, GENERAL); 0.1MG/KG (S PECIFIED FOOD PRODUCTS); 0.05MG/L (BEVERAGES, GENERAL) (APPLIES TO CHROMIUM AND ITS COMPOU NDS).	1983	OCT1985	PDVMP* -, -, 1983
CSK	REG	AIR	MAC	PROHIBITED IN COSMETICS (APPLIES TO CHROMIUM AND ITS COMPOUNDS)	MCH1985	AUG1985	HPMZC* 58, -, 1985
CSK	REG	HUMAN FOOD	MPC	ALKALINE CHROMATES ARE SUSPECTED OF CARCINOGE NIC POTENTIAL. NO MAK VALUE ESTABLISHED. 0.05 MG/L (1MMOL/M3) (CALCULATED AS CR) (BGBL IS 453, 1975 AS LAST AMENDED BY THE REFE RENCE GIVEN). IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TI N AS WELL AS THEIR INORGANIC COMPOUNDS AND SO LUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. SUBSTANCE WHICH MUST NOT FORM PART OF THE COM POSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	GOODS	PRO	EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. MAC : 50 UG CR/L. GL : - (ATOMIC ABSORPTION-A BSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN MEMBER STATES SHALL TAKE THE APPROPRIATE STEP S TO REDUCE POLLUTION OF INLAND SURFACE, TERR ITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHAR GES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)	JAN1971	MAY1982	HPMZC* 32, -, 1970
DEU	REC	AIR	MAK	QUALITY STANDARD FOR TOTAL CHROMIUM IN SURFAC E WATER INTENDED FOR THE ABSTRACTION OF DRINK ING WATER: 0.05MG CR/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL END EAFAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.	JAN1971	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AQ	DRINK MPC		31JAN1976	NOV1982	BGBL** I.S.764, 764, 1980
DEU	REG	AIR	EMI		28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	GOODS	PRO			JUN1986	OJEC** L149, 38, 1986
EEC	REG	AQ	DRINK MAC GL		30AUG1982	JAN1983	OJEC** L229, 11, 1980
EEC	REG	AQ	EMI RSTR			JAN1983	OJEC** L129, 23, 1976
EEC	REG	AQ	DRINK RQR AQ SURF RQR AQ FRESH RQR		25JUL1977	APR1986	OJEC** L194, 26, 1975

EEC	REG	AQ	GRND	RQR	26JAN1982	APR1986	OJEC**	L20,43,1980
		WASTE		RSTR				
MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.								
EEC	REG	AQ	MARIN	RQR	10NOV1981	APR1986	OJEC**	L281,47,1979
QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS).								
EEC	REG	AQ	MARIN	RQR		APR1986	OJEC**	L194,5,1975
		WASTE		RSTR				
MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN. CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.								
EEC	REG	WASTE	-	RQR	01JAN1985	APR1986	OJEC**	L378,1-14,1982
		AQ	MARIN	RQR				
WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF CR IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR CR IN NON-FILTERED OR IN FILTERED SEAWATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AND IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHODS: AAS OR MAS)								
EEC	REG	WASTE	-	RQR	01JAN1985	APR1986	OJEC**	L378,1-14,1982
		AQ	FRESH	RQR				
WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF CR IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR CR IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENT S. AT LEAST 1X/YEAR. (REFERENCE METHODS: AAS OR MAS)								
EEC	REG	WASTE		RQR	01JAN1985	APR1986	OJEC**	L378,1-14,1982
		SOIL		RQR				
WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CR IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHODS: AAS OR MAS)								
EEC	REG	WASTE		RQR	01OCT1985	MCH1986	OJEC**	L272,1-20,1985
		EXPT		RQR				
		IMPT		RQR				
MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH								

OUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATI
 SFATORY INFORMATION IN PARTICULAR ON: 1) THE
 SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR
 ROUTES AND INSURANCES 3) MEASURES TO ENSURE
 SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH
 THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WAS
 TE MUST A) BE PROPERLY PACKED B) HAVE APPROPR
 IATE LABELS INDICATING NATURE, COMPOSITION,
 QUANTITY AND TELEPHONE NUMBERS OF PERSONS FR
 M WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRU
 CTIONS TO BE FOLLOWED IN THE EVENT OF DANGER
 OR ACCIDENT. (WASTE FROM NON-FERROUS METALS
 WHICH IS INTENDED FOR REUSE, RECYCLING OR REG
 ENERATION IS EXEMPT FROM THE PROVISIONS. PROVI
 DED THE HOLDER MAKES A DECLARATION WHICH MUST
 ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS
 SENT TO THE COMPETENT AUTHORITIES).
 (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326

, 31, 1984 - AS AMENDED BY THE REFERENCE GIVEN)
 WASTE CONTAINING OR CONTAMINATED BY TCHROMIUM
 (VI) COMPOUNDS IS CLASSIFIED AS 'TOXIC
 AND DANGEROUS WASTE'. MEMBER STATES SHALL:
 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSU
 RE THAT SUCH WASTE IS DISPOSED OF WITHOUT END
 ANGERING HUMAN HEALTH OR HARMING THE ENVIRONM
 ENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTR
 LLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH
 WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UND
 ERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR
 STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WAS
 TE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE
 RESPONSIBLE FOR THE PLANNING, ORGANISATION
 AUTHORITY AND SUPERVISION OF THE DISPOSAL
 OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHE
 RE NECESSARY, IS KEPT SEPARATELY FROM OTHER
 MATTER, IS APPROPRIATELY LABELLED INDICATING
 ITS NATURE, COMPOSITION AND QUANTITY, IS RECO
 RDED AND IDENTIFIED IN RESPECT OF EACH SITE
 WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPET
 ENT AUTHORITIES SHALL DRAW UP PLANS FOR THE
 DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS
 PUBLIC.

NOT MORE THAN 100MG/KG EACH OF ANTIMONY,
 COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR
 200MG/KG OF ALL TOGETHER MAY BE
 CONTAINED IN COLOURING MATTERS AUTHORIZED FOR
 USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPT
 ION. (DIRECTIVE OF 23 OCT 1962, OJEC 115,2645
 /62, 1962 - AS LAST AMENDED BY THE REFERENCE
 GIVEN).

MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATI
 ON FOR THE OPERATION OF PLANTS BELONGING TO
 CERTAIN CATEGORIES (ENERGY, METAL PROCESSING,
 MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS,
 CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORI
 SATION MAY BE ISSUED ONLY WHEN, AMONG OTHER
 THINGS, THE USE OF THE PLANT WILL NOT CAUSE
 SIGNIFICANT AIR POLLUTION FROM THE EMISSION
 OF HEAVY METALS OR THEIR COMPOUNDS.
 FOR CHROMIUM: 8H-TWA: 0.5MG/M3.
 FOR CHROMIUM II COMPOUNDS: 8H-TWA: 0.5MG/M3 (

AS CR).
 FOR CHROMIUM III COMPOUNDS: 8H-TWA: 0.5MG/M3
 (AS CR).
 FOR CHROMIUM VI COMPOUNDS: 8H-TWA: 0.05MG/M3
 (AS CR).

31MCH1980 FEB1986 OJEC** L84, 43-48, 1978

FEB1986 OJEC** L43, 11, 1981

30JUN1987 APR1986 OJEC** L188, 20, 1984

OCT1985 GNHSE* EH40/85, 1, 1985

EEC REG WASTE INDST RSTR
 ROR CLASS

EEC REG FOOD MXL

EEC REG AIR EMI RSTR

GBR REG AIR OCC RECL

GBR	REG	WASTE	RQR	16MCH1981	JAN1986	GBRSI*	1709, 1, 1980
GBR	REG	AIR	EMI	5AUG1983	APR1986	GBRSI*	943, -, 1983
GBR	REG	AIR	EMI	5AUG1983	APR1986	GBRSI*	943, 1, 1983
GBR	REG	FOOD AQ	DRINK	21FEB1985	AUG1986	GBRSI*	71, 1, 1985
IND JPN	REG	FOOD AIR	SEL OCC	2JUL1982	DEC1982	PFAIN*	-, 64&141, 1981
JPN	REG	OCC AQ	EMI	JUL1986	SAIGLB	27, 195-219, 1985	
SUN	REG	SOIL AIR	OCC	JUL1986	SAIGLB	27, 195-219, 1985	
SWE	REG	WASTE	HLV	DEC1982	QEJPN*	-, 400, 1981	
SWE	REG	WASTE	RQR	OCT1985	VGNEP*	2450-81, -, 1982	
USA	REG	AQ	DRINK	OCT1980	PDKCP*	2264-80, -, 1980	
USA	REG	FOOD GOODS	MPC	01JAN1985	AFS***	1984:5, 10, 1984	
USA	REG	WASTE	RQR	1JUL1975	JUN1983	SVENF*	1975:346, 1, 1975
USA	REG	AQ	DRINK	JUL1983	CFRUS*	21, 52, 1981	
USA	REG	FOOD GOODS	MPC	MAY1983	CFRUS*	21, 272, 1981	

ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPOR
 TS "SPECIAL WASTE", IS REQUIRED TO COMPLETE A
 CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES
 . CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED
 ED WASTE WHICH CONSISTS OF OR CONTAINS THIS S
 USTANCE AND BY REASON OF THE PRESENCE OF THE
 SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASH
 POINT OF <=21C. APPLIES TO CONTROLLED WASTE
 CONSISTING OF OR CONTAINING HEXAVALENT CHROMI
 UM COMPOUNDS.
 PROVISIONS HAVE BEEN MADE WITH A VIEW TO
 CONTROLLING THE EMISSION INTO THE ATMOSPHERE
 OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM CHROM
 IUM WORKS IN WHICH A) ANY CHROME ORE OR CONCE
 NTRATE IS TREATED FOR THE PRODUCTION THEREFO
 M OF CHROMIUM COMPOUNDS; OR
 B) CHROMIUM METAL IS MADE BY METHODS GIVING
 RISE TO DUST OR FUME.
 IT SHALL BE THE DUTY OF THE PERSON HAVING CON
 TROL OF ANY PREMISES OF A CLASS PRESCRIBED
 ELSEWHERE UNDER THIS REFERENCE TO USE THE BES
 T PRACTICABLE MEANS FOR PREVENTING THE EMISSI
 ON INTO THE ATMOSPHERE FROM THE PREMISES OF
 NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES
 OR DUST CONTAINING CHROMIUM AND FOR
 RENDERING HARMLESS AND INOFFENSIVE SUCH
 SUBSTANCES AS MAY BE SO EMITTED.
 (APPLIES TO CHROMIUM AND ITS COMPOUNDS).
 A PERSON SEEKING RECOGNITION OF A NATURAL
 MINERAL WATER (WATER WHICH ORIGINATES IN A GR
 OUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUM
 AN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDE
 NCE TO THE RELEVANT AUTHORITY TO SHOW THAT
 THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS
 CHROMIUM IN AN AMOUNT EXCEEDING 50UG/L.
 THE RESULTS SHOULD BE EXPRESSED IN GR UG/L.
 IN SPECIFIED FOOD PRODUCTS : 0-20 MG/KG
 SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENI
 C WORKING MATERIALS (APPLIES TO CHROMIUM COMP
 OUNDS)
 0.1 MG/M3 (AS CR03)
 EFFLUENT STANDARD : 2 MG/L
 LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PROD
 UCTS: 0.3MG/KG; MEAT PRODUCTS: 0.2MG/KG;
 MILK PRODUCTS: 0.1MG/KG; CEREALS: 0.2MG/KG;
 VEGETABLES: 0.2MG/KG; FRUITS: 0.1MG/KG; BEVER
 AGES: 0.1MG/KG (APPLIES TO CHROMIUM AND ITS
 COMPOUNDS, CALCULATED AS CHROMIUM)
 0.05MG/KG
 1D-TWA: 0.5MG/M3 OF CHROMIUM AND ITS INORGANI
 C COMPOUNDS EXCEPT CHROMIC ACID AND CHROMATES
 AS CR. 1D-TWA: 0.02MG/M3 OF CHROMIC ACID AND
 CHROMATES, AS CR. CARCINOGENIC, SENSITIZATION
 ENTERPRISES WHERE WASTE CONSISTING OF SURFACE
 -TREATMENT PRODUCTS CONTAINING CHROMIUM OCCUR
 S ARE REQUIRED TO REPORT THE TYPE, CONTENT, Q
 UANTITY AND HANDLING OF THE WASTE TO THE HEAL
 TH AUTHORITIES. PERMISSION FROM THE AUTHORITI
 ES IS REQUIRED FOR THE TRANSPORT, HANDLING AN
 D EXPORT OF SUCH WASTE.
 BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION
 MUST NOT CONTAIN MORE THAN 0.05 MG/L
 CERTAIN SPECIFIED COLOUR ADDITIVES WHICH MAY
 BE USED IN FOOD, DRUGS AND/OR COSMETICS : 50
 MG/KG. (AMENDED: FEREC 47,52144, 1982)

SEP1985 ACGIH* 1984-85, 9, 1984

TWA: 0.5 MG/M3 AS CHROMIUM METAL; TWA: 0.5 MG /M3 AS CHROMIUM (VI) COMPOUNDS. CALCULATED AS CR; TWA: 0.5 MG/M3 AS CHROMIUM (III) COMPOUND DS. CALCULATED AS CR; TWA: 0.05 MG/M3 AS WATE R-SOLUBLE CHROMIUM (VI) COMPOUNDS. CALCULATED AS CR; TWA: 0.05 MG/M3 AS CERTAIN WATER-INSOLUBLE CHROMIUM (VI) COMPOUNDS. HUMAN CARCINOGENS. CALCULATED AS CR; TWA: 0.05 MG/M3 IN CHROMITE ORE PROCESSING (CHROMATE) RECOGNIZED AS HUMAN CARCINOGEN, CALCULATED AS CR; TWA: 0.5 MG/M3 AS SOLUBLE CHROMIC, CHROMOUS SALTS, CALCULATED AS CR.

AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYPES OF HAZARDOUS WASTE STORAGE, TREATMENT OR DISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE.

(AMENDED: FEREAC 47, 1254, 1982 (INTERIM); 47, 7842, 1982 (INTERIM); 47, 32274, 1982)
 AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHROMIUM AND ITS COMPOUNDS)

ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION) AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO CHROMIUM AND ITS COMPOUNDS)

THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 30 MG/KG (OF HEAVY METALS)

PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS. SOME SPECIFIED EXISTING INDUSTRIES AS WELL AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO HAVE REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CONCENTRATION ESTABLISHED BY THE EPA DIRECTOR, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)

USA REC AIR OCC TLV

USA REG WASTE - RQR
 AQ GRND

USA REG WASTE RQR

USA REG WASTE CLASS
 RSTR RQR

USA REG FOOD MPC

USA REG AQ EMI RQR
 WASTE

19NOV1980 APR1983 CFRUS* 40, 483/536, 1981

22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981

19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981

JUN1983 CFRUS* 21(173), 114, 1981

18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

(AMENDED: FEREAC 46, 34091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983).

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USA	REG	WASTE	RQR	APR1983	CFRUS* 40(261), 376, 1981
USA	REG	WASTE	MPC RSTR	APR1983	CFRUS* 40(261), 360, 1981
USA	REG	WASTE - AQ	RQR DRINK MPC	15OCT1979	APR1983 CFRUS* 40(257), 332, 335, 1981
USA	REG	AIR	OCC PEL	APR1983	CFRUS* 29(1910), 673, 1981
WHO	REC	AQ	DRINK GL	MCH1983	WHODW* -, 15, 1983

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (AT OMIC ABSORPTION-FURNACE/FLAME)
ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 5.0 MG/L OF THIS SUBSTANCE. (TRIVALENT CHROMIUM EXCLUDED)
FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF CHROMIUM IN GROUND WATER TO EXCEED 0.05 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.
TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND IN SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)
0.05 MG/L

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GB5450000 CHROMIUM (III) CHLORIDE, HEXAHYDRATE

AREA TYPE SUBJECT DESCR LEVELS, REMARKS

SUN REG AIR OCC MAC CLV: 0.01MG/M3 (AS CR) (AEROSOL)

EFFECTIVE ENTRY DATE REFERENCES

JAN1977 JUN1982 GOSTS* 12.1.005, -, 1976

GB6262000 CHROMIUM (VI)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AQ	MAC	0.1 MG/L (APPLIES ALSO TO COMPOUNDS)	APR1975	MAY1982	SZCSR* 9, 125, 1975
CSK	REG	AQ	MAC	0.05MG/L (APPLIES ALSO TO COMPOUNDS)	JAN1975	MAY1982	CSNOR* 830611, -, 1974
CSK	REG	AQ	MAC	0.05MG/L (DRINKING WATER RESERVE) (APPLIES ALSO TO COMPOUNDS)	APR1975	MAY1982	SZCSR* 9, 125, 1975
CSK	REG	USE LABEL PACK	CLASS RQR RSTR	CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THIS SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED. (APPLIES TO PRODUCTION OF CHROMIUM (VI) COMPOUNDS)	1 APR1985	AUG1985	HPMZC* 56, -, 1984
DEU	REG	AIR	EMI MXL	RESPIRABLE CHROMIUM(VI) COMPOUNDS ARE INCLUDED IN THE CLASS II CARCINOGENS (CLASSES I, II AND III EXIST), IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.	28 FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	WASTE EXPRT IMPRT	RQR RQR RQR	WASTE CONTAINING OR CONTAMINATED BY CHROMIUM(VI) COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO , THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES). (EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31, 1984 - AS AMENDED BY THE REFERENCE GIVEN)	01 OCT1985	MCH1986	OJEC** L272, 1-20, 1985
EEC	REG	WASTE INDST	RSTR RQR CLASS	WASTE CONTAINING OR CONTAMINATED BY CHROMIUM (VI) COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED	31 MCH1980	FEB1986	OJEC** L84, 43-48, 1978

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GB6280000 CHROMIUM NITRATE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
USA	REG FOOD	PRMT MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANS PORTING OR HOLDING FOOD.	MAY1986	CFRUS* 21, 114, 1981

GB6650000 CHROMIUM TRIOXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR		10CT1980	JUN1986 BGBL** I.S. 140, 140, 140, 1982
DEU	REG	LABEL	RQR		10CT1980	JUN1986 BGBL** I.S. 140, 140, 140, 1982
DEU	REG	AQ STORE TRNSP	CLASS		APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		APR1986	OJEC** L147, 11, 1983
GBR	REG	LABEL - PACK - USE	RQR RQR RSTR		1SEP1978	APR1986 GBRSI# 17, 1, 1983

8H-TWA: 0.1MG/M3; 5M1-STEL: 0.2MG/M3 AVERAGE VALUE, 8X/SHIFT. LOCAL IRRITANT. THE SUBSTANCE IS SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.

(BGBL I.S.1071.1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DECREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS CORROSIVE WHEN THE CONC. IS >50G/KG (5.0%), AND AS HARMFUL WHEN THE CONC. IS 10-50G/KG (1.0-5.0%)

(BGBL I.S.1071.1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL)

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

O - OXIDIZING. C - CORROSIVE. CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). CAUSES SEVERE BURNS (R 35). MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S.28)

PREPARATIONS (PAINTS, VARNISHES, ETC.) THAT CONTAIN CHROMIUM TRIOXIDE AT CONC'S > 5.0% SHALL BE CONSIDERED AS CORROSIVE AND AT CONC'S OF 0.5-5.0% AS IRRITANT

MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)

JPN	REG	CLASS LABEL	CLASS RQR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JAN1965	JUL1983	JPPDL* -,-
SUN	REG	SALE	RSTR	CLV: 0.01MG/M3 (VAPOUR)	JAN1977	JUN1982	GOSTS* 12.1.005,-,1976
SWE	REG	AIR	MAC	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	OCT1984	STNAF* 1983:6.1,1983
SWE	REG	CLASS SALE USE LABEL STORE CLASS	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS).		APR1986	PFBEK* -,58,1986
SWE	REG	CLASS LABEL	CLASS RQR	CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS. CLASS 2 FORMULATIONS MAY BE SOLD ONLY TO PERSONS INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL IN CASE OF INHALATION EXPOSURE. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	28FEB1986	JUN1986	STNAF* 1985:7(PK29),1,1985

GF8615000 COAL TAR OILS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR OCC	MAK	COAL TAR, COAL TAR PITCH AND COAL TAR OILS ARE LISTED AS CARCINOGENIC WORKING MATERIALS PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED.		JAN1986	DFSK** XXI, 16, 1985
GBR	REG	USE	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFC** -, 89, 1983
JPN	REC	OCC	CLASS	SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENIC WORKING MATERIALS		JUL1986	SAIGLB 27, 195-219, 1985
SWE	REG	SALE USE LABEL STORE CLASS	PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS).		APR1986	PFBEK* -, 58, 1986
SWE	REG	CLASS LABEL	CLASS RQR	CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS. INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED SOLID WASTES (NOT INCL. DOMESTIC WASTES) CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTE AND SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.		MAY1986	CFRUS* 40(261), 362, 378, 1981
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE IS SPECIFIED.		MAY1986	CFRUS* 40(261), 376, 1981
USA	REG	WASTE	CLASS RSTR RQR	(GC/MS OR GC WITH ELECTRON CAPTURE DETECTOR). ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	19NOV1980	MAY1986	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986	CFRUS* 40, 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981	MAY1986	CFRUS* 40(264), 455, 1981

GF8750000 COBALT

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985	HPMZC** 58, -, 1985
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI	RQR	01AUG1980	MAY1982	BGBL** I.S. 772, 777-779, 1980
		AQ	IMI	RQR			
		SOIL	IMI	RQR			
		SED	IMI	RQR			
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REC	AIR	OCC	TRK		JAN1986	DFSK** XXI, 66, 1985
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986

TWA: 0.05MG/M3; CLV: 0.1MG/M3 (CALCULATED AS CO) (APPLIES TO COBALT AND ITS COMPOUNDS) CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. (SENTITZATION). (APPLIES TO RESPIRABLE DUSTS/AEROSOLS FROM COBALT METAL AND COBALT SALTS OF LOW SOLUBILITY).
 IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER
 (APPLIES TO RESPIRABLE DUST OF COBALT METAL AND COBALT SALTS OF LOW SOLUBILITY)
 CARCINOGENIC WORKING MATERIAL. GROUP I (VERY HIGHLY DANGEROUS):
 GROUP II (HIGHLY DANGEROUS): $\geq 10\text{G/KG}$ (1%)
 GROUP III (DANGEROUS): $< 10\text{--}1\text{G/KG}$ ($< 1\text{--}0.1\%$)
 (APPLIES TO COBALT AND ITS INSOLUBLE SALTS) THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER TO USE THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED, WHICH THE EMPLOYER MUST FOLLOW.
 (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
 FOR COBALT AND ITS COMPOUNDS:
 A) PRODUCTION OF COBALT POWDER AND CATALYSTS: HARD METAL (TUNGSTEN CARBIDE) AND MAGNET PRODUCTION (PROCESSING OF POWDER, MACHINE PRESSING AND MECHANICAL PROCESSING OF UNSINTERED ARTICLES): 1Y-TWA: 0.5MG/M3 (CALCULATED AS CO IN TOTAL DUST),
 B) OTHERS: 1Y-TWA: 0.1MG/M3 (CALCULATED AS CO IN TOTAL DUST).
 IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF ARSENIC, COBALT, NICKEL, SELENIUM AND TELLURIUM AS WELL AS THEIR INORGANIC COMPOUNDS (I.E. THE CLASS II INORGANIC DUSTS) MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.
 RESPIRABLE COBALT METAL AND INSOLUBLE COBALT SALTS ARE INCLUDED IN THE CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MAY NOT EXCEED 1MG/M3 AT A MASS FLOW OF 5G/H OR MORE.

AREA	TYPE	SUBJECT	DESOR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GL5325000	COPPER						
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	<p>SPECIFIED PLANT PRODUCTS: 10-15MG/KG; SECURITY INTERVAL: 1-30 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. (APPLIES TO COPPER BASED FUNGICIDES) LIMITS RECOMMENDED FOR FOLLOWING FOOD PRODUCTS S: MILK PRODUCTS: 0.4-2.5MG/KG; MEAT PRODUCTS : 5.0-60.0MG/KG; FISH PRODUCTS: 10.0-30.0MG/K G; CEREALS: 5.0-10.0MG/KG; VEGETABLES: 10.0-20.0MG/KG (DRY); 50.0MG/KG; FRUITS: 5.0-10.0M G/KG (DRY); 20.0MG/KG); BABY FOODS: 2.0-5.0MG/ KG; OTHER FOODS: 2.0-100.0MG/KG; BEVERAGES: 1.0-30.0MG/KG (APPLIES TO COPPER AND ITS COMPOUNDS, CALCULATED AS COPPER). LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 10-20MG/KG (CALCULATED AS CU). 0.1MG/L 0.05MG/L 0.05MG/L (DRINKING WATER RESERVE)</p>	AUG1985		SBTAP* -, 8, 1984
CMEA	REC	FOOD	MPC	<p>MAXIMUM LIMITS IN COSMETICS: 50MG/G (CALCULATED AS CU) (APPLIES TO HAIR DYES; COPPER COMPOUNDS ARE PROHIBITED IN OTHER COSMETICS) LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 10.0MG/KG (FOOD, GENERAL); 0.1-100.0MG/KG (SPECIFIED FOOD PRODUCTS); 1.0MG/L (BEVERAGES, GENERAL); 3.0-30.0MG/L (SPECIFIED BEVERAGES) (APPLIES TO COPPER AND ITS COMPOUNDS). FOR COPPER DUST: 8H-TWA: 1MG/M3 AND 30MI-STEL : 2MG/M3 AVERAGE VALUE 4X/SHIFT FOR COPPER FUME: 8H-TWA: 0.1MG/M3 AND 30MI-STEL: 0.2MG/M3 AVERAGE VALUE, 4X/SHIFT. WINE: 5MG/L IN AIR EMISSIONS THE TOTAL CONC OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. SPECIFIED PLANT PRODUCTS: 20.0-50.0MG/KG; OTHER PLANT PRODUCTS: 10.0MG/KG. (OF COPPER COMPOUNDS, CALCULATED AS CU). (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).</p>	OCT1985		PDVMP* -, -, 1983
CSK	REG	HUMAN FOOD	MRL	<p>MAXIMUM LIMITS IN COSMETICS: 50MG/G (CALCULATED AS CU) (APPLIES TO HAIR DYES; COPPER COMPOUNDS ARE PROHIBITED IN OTHER COSMETICS) LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 10.0MG/KG (FOOD, GENERAL); 0.1-100.0MG/KG (SPECIFIED FOOD PRODUCTS); 1.0MG/L (BEVERAGES, GENERAL); 3.0-30.0MG/L (SPECIFIED BEVERAGES) (APPLIES TO COPPER AND ITS COMPOUNDS). FOR COPPER DUST: 8H-TWA: 1MG/M3 AND 30MI-STEL : 2MG/M3 AVERAGE VALUE 4X/SHIFT FOR COPPER FUME: 8H-TWA: 0.1MG/M3 AND 30MI-STEL: 0.2MG/M3 AVERAGE VALUE, 4X/SHIFT. WINE: 5MG/L IN AIR EMISSIONS THE TOTAL CONC OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. SPECIFIED PLANT PRODUCTS: 20.0-50.0MG/KG; OTHER PLANT PRODUCTS: 10.0MG/KG. (OF COPPER COMPOUNDS, CALCULATED AS CU). (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).</p>	OCT1978		HPMZC* 43, -, 1978
CSK	REG	AG	SURF		APR1975		SZCSR* 9, 125, 1975
CSK	REG	AG	DRINK		JAN1975		CSNOR* 830611, -, 1974
CSK	REG	AG	SURF		APR1975		SZCSR* 9, 125, 1975
CSK	REG	AG	DRINK		APR1975		SZCSR* 9, 125, 1975
CSK	REG	GOODS	RSTR MXL		JAN1971		HPMZC* 32, -, 1970
CSK	REG	HUMAN FOOD	MPC		OCT1978		HPMZC* 43, -, 1978
DEU	REC	AIR	OCC				DFSK** XXI, 16, 1985
DEU	REG	FOOD	MPC		04AUG1983		BGBL** IS1078, 1078, 1983
DEU	REG	AIR	EMI		28FEB1986		GMBL** 7, 93-143, 1986
DEU	REG	FOOD	MRL		29APR1984		BGBL** I.S. 635, 635-643, 1984

EEC	REG	AQ	DRINK	MAC	MAC	30AUG1982	OJEC**	L229, 11, 1980
			GL	RQR				
EEC	REG	AQ	EMI	RSTR		APR1986	OJEC**	L129, 23, 1976
EEC	REG	GOODS		PRMT		JUN1986	OJEC**	L149, 38, 1986
		GOODS		MXL				
EEC	REG	AQ	DRINK	RQR		25JUL1977	APR1986	OJEC**
		AQ	SURF	RQR				L194, 26, 1975
		AQ	FRESH	RQR				
EEC	REG	AQ	FRESH	RQR		14AUG1980	APR1986	OJEC**
								L222, 1, 1978
EEC	REG	AQ	GRND	RQR		26JAN1982	APR1986	OJEC**
		WASTE		RSTR				L20, 43, 1980
EEC	REG	AQ	MARIN	RQR		10NOV1981	APR1986	OJEC**
								L281, 47, 1979

MAC : -, GL : 100-3000 UG CU/L (ATOMIC ABSORPTION-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN

MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN.

(APPLIES TO THE ELEMENT AND ITS COMPOUNDS). COLOURING AGENT ALLOWED IN ALL COSMETIC PRODUCTS. MEMBER STATES SHALL PROHIBIT THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE COLOURING AGENT BEYOND THE LIMITS AND OUTSIDE THE CONDITIONS LAID DOWN. (COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN)

QUALITY STANDARD FOR COPPER IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER R: 0.05MG CU/L FOR SIMPLE WATER TREATMENT METHODS. GUIDELINE VALUES: 0.02MG CU/L FOR SIMPLE METHODS. 0.05MG CU/L FOR NORMAL AND 1MG CU/L FOR INTENSIVE METHODS.

MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.

QUALITY STANDARD FOR SOLUBLE COPPER COMPOUNDS IN FISH WATERS: A) SALMON-CONTAINING: <0.04MG CU/L; B) OTHERS (CARP-CONTAINING): <0.04MG CU/L (REFERENCE METHOD: AAS).

MEMBER STATES SHALL DESIGNATE ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.

MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION:

A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.

QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS).

MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.

EEC	REG	AQ	MARIN	APR1986	OJEC**	L194,5,1975
		AQ	WASTE			
			RSTR			
EEC	REG	WASTE	-	01JAN1985	APR1986	OJEC**
		AQ	MARIN			L378,1-14,1982
EEC	REG	WASTE	-	01JAN1985	APR1986	OJEC**
		AQ	FRESH			L378,1-14,1982
EEC	REG	WASTE	-	01JAN1985	APR1986	OJEC**
		SOIL				L378,1-14,1982
EEC	REG	WASTE	-	01OCT1985	MCH1986	OJEC**
		EXPRT				L272,1-20,1985
		IMPRT				
EEC	REG	WASTE	-	31MCH1980	FEB1986	OJEC**
		INDST				L84,43-48,1978
		RSTR				
		CLASS				

CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.

WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR, AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)

WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)

WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)

WASTE CONTAINING OR CONTAMINATED BY SOLUBLE COPPER COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A ND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO , THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).

(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31 1984 - AS AMENDED BY THE REFERENCE GIVEN)

WASTE CONTAINING OR CONTAMINATED BY SOLUBLE COPPER COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL:

- 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED

LLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE. 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORIZATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC.

FEB1986 OJEC** L43, 11, 1981

NOT MORE THAN 100MG/KG EACH OF ANTIMONY, COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR 200MG/KG OF ALL TOGETHER MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC 115,2645 /62, 1962 - AS LAST AMENDED BY THE REFERENCE GIVEN)

FEB1986 OJEC** L354, 22, 1981

ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TAKEN TOGETHER OF WHICH THE ZINC CONTENT MUST NOT BE HIGHER THAN 25 MG/KG. (DIRECTIVE 70/357/EEC, O.J.E.C. L157, P. 429, 1970 AS AMENDED BY THE REFERENCE GIVEN)

FEB1986 OJEC** L2, 21, 1985

EMULSIFIER (S), STABILIZER (S), THICKENER (S) AND GELLING AGENT (S) AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TOGETHER OF WHICH THE ZINC CONTENT MUST IN NO CASE EXCEED 25 MG/KG. (DIRECTIVE 74/329 /EEC, O.J.E.C. L189, P. 1, 1974 AS LAST AMENDED BY THE REFERENCE GIVEN)

14MAY1977 FEB1986 OJEC** L126, 31, 1976

PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 50MG/KG OF COPPER AND ZINC TOGETHER AND NOT MORE THAN 25 MG/KG OF ZINC ALONE. (DIRECTIVE 64/54/EEC, O.J.E.C. N 0.12, 1964, P. 161/64 AS AMENDED BY THE REFERENCE GIVEN)

FEB1986 OJEC** L39, 55, 1986

COPPER MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF CUPRIC ACETATE MONOHYDRATE, CUPRIC METHIONATE, BASIC CUPRIC CARBONATE MONOHYDRATE, CUPRIC CHLORIDE DIHYDRATE, CUPRIC OXIDE, CUPRIC SULFATE PENTAHYDRATE. (EEC NO. E4) TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN IN THE DIRECTIVE 70/524/EEC (AS AMENDED BY OJEC L319, 13, 1984) AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE (OJEC L245, 1, 1985) AS LAST AMENDED BY THE REFERENCE GIVEN). LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319, 13, 1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FOOD MXL

EEC REG FEED PRMT

EEC MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.

0.05-0.5MG/KG BW (PROVISIONAL)
 JAN1985 FAOCA* XVI 1,9,1984
 JAN1985 FAOCA* XVII,9-13,1984

COCOA POWDERS AND DRY COCOA-SUGAR MIXTURES, COCOA PRESS-CAKE: 50MG/KG; UNSWEETENED CHOCOLATE, COCOA NIB, COCOA MASS: 30MG/KG; COMPOSITE AND FILLED CHOCOLATE: 20MG/KG; CHOCOLATE: 15MG/KG; SOFT SUGAR: 10MG/KG; GLUCOSE SYRUP, DRIED GLUCOSE SYRUP, JUICE PRESERVED EXCLUSIVELY BY PHYSICAL MEANS (ORANGE, GRAPEFRUIT, LEMON, APPLE, TOMATO, GRAPE, PINEAPPLE, BLACKCURRANT, APRICOT/PEACH/PEAR/NON-PULPY BLACKCURRANT NECTARS, PULPY NECTARS OF CERTAIN SMALL AND CITRUS FRUITS), CONCENTRATED PINEAPPLE JUICE WITH PRESERVATIVES: 5.0MG/KG (TOTAL OF CU, ZN AND FE 20MG/KG); CONCENTRATED JUICE PRESERVED EXCLUSIVELY BY PHYSICAL MEANS (PINEAPPLE, APPLE, ORANGE, GRAPE, SWEETENED LABRUSCA TYPE GRAPE, BLACKCURRANT): 5.0MG/KG IN THE RECONSTITUTED PRODUCT (TOTAL OF CU, ZN AND FE 20MG/KG); EDIBLE ACID CASEIN, EDIBLE ACID CASEINATES: 5.0MG/KG; POWDERED SUGAR (ICING SUGAR), DEXTROSE (ANHYDROUS, MONOHYDRATES, POWDERED), LACTOSE, FRUCTOSE: 2.0MG/KG; WHITE SUGAR: 1.0MG/KG; COCOA BUTTERS: 0.4MG/KG; EDIBLE OILS (ARACHIS, SUNFLOWERSEED, RAPESEED, MAIZE, SESAMESEED, MUSTARDEED, COCONUT, PALM, FATS AND OILS): 0.4MG/KG (VIRGIN), 0.1MG/KG (NON-VIRGIN); LARD, RENDERED PORK FAT, PREMIER JUS, EDIBLE TALLOW: 0.4MG/KG; EDIBLE OILS (SOYA BEAN, COTTONSEED, SAFFLOWERSEED, LOW ERUCIC ACID RAPESEED, PALM KERNEL, GRAPESEED, BASU), MARGARINE, MINARINE: 0.1MG/KG APPROVED AS A FUNGICIDE.

SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.
 8H-TWA: 1MG/M3 OF DUSTS AND MISTS AND 0.2MG/M3 OF FUME. STEL(10MI-TWA): 2MG/M3 OF DUSTS AND MISTS.

APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED.
 ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES.
 * CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THE SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASH POINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING COPPER COMPOUNDS.

REG AIR HUMAN FOOD
 REC HUMAN FOOD
 RSTR
 ADI
 MXL

GBR REG USE PRMT
 GBR REC AIR OCC RECL
 GBR REG USE PRMT
 GBR REG WASTE RQR

MCH1983 APFG** -,89,1983
 OCT1985 GNHSE* EH40/85,1,1985
 MCH1983 APFG** -,30,1983

16MCH1981 JAN1986 GBRSI* 1709,1,1980

5AUG1983 APR1986 GBRSI* 943, -, 1983

PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM COPPER WORKS IN WHICH A) BY THE APPLICATION OF HEAT 1) COPPER IS EXTRACTED FROM ANY ORE OR CONCENTRATE OR FROM MATERIAL CONTAINING COPPER ITS COMPOUNDS; 1) MOLTEN COPPER IS REFINED; OR 11) COPPER OR COPPER ALLOY SWarf IS DEGRADED; OR 1V) COPPER ALLOYS ARE RECOVERED FROM SCRAP FABRICATED METAL, SWarf OR RESIDUES, IF THE AGGREGATE CASTING CAPACITY EXCEEDS 10 TONNES PER DAY; V) AS WELL AS WHEN RECOVERED TO REDUCE THE ZINC CONTENT.
B) COPPER OR COPPER ALLOY IS MELTED AND CAST (IF AGGREGATE CASTING CAPACITY EXCEEDS 10 TONNES).

5AUG1983 APR1986 GBRSI* 943, 1, 1983

IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS PRESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS FUMES OR DUST CONTAINING COPPER AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.
(APPLIES TO COPPER AND ITS COMPOUNDS).
A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THE RELEVANT AUTHORITIES GIVING THE CONCENTRATION OF COPPER EXPRESSED AS CU MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.

21FEB1985 AUG1986 GBRSI* 1985:71, 20, 1985

EFFLUENT STANDARD: 3MG/L
THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO INORGANIC COPPER SALTS, EXCEPT FULMINATING COPPER)
SPECIFIED FOOD PRODUCTS: 0.1-1.5MG/KG
CLV: 1.0MG/M3(AEROSOL); TWA: 0.5MG/M3(AEROSOL)
1.0MG/L (APPLIES TO CU(2+) SALTS)
1.0MG/L (APPLIES TO COPPER AND ITS COMPOUNDS, CALCULATED AS COPPER)
SURFACE WATER FOR FISHING: 0.001MG/L; SEAWATER: 0.005MG/L (APPLIES TO INORGANIC COPPER COMPOUNDS, CALCULATED AS COPPER)
LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 10.0-20.0MG/KG (APPLIES TO COPPER INORGANIC COMPOUNDS, CALCULATED AS COPPER)
LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 5.0MG/KG; MILK PRODUCTS: 0.5MG/KG; CEREALS: 5.0MG/KG; VEGETABLES, FRUITS: 10.0MG/KG; BEVERAGES: 5.0MG/KG (APPLIES TO COPPER AND ITS COMPOUNDS, CALCULATED AS COPPER)
3.0MG/KG (APPLIES TO MOBILE FORMS OF COPPER EXTRACTABLE BY AMMONIUM ACETATE BUFFER SOLUTION, PH=4.8).

DEC1982 QEJPN* -, 400, 1981
JUL1983 JPPDL* -, -,

JAN1965

JAN1977
1JAN1985
OCT1983

SEP1982 GSKEN* 40, 409, 1978
JUN1982 GOSTS* 12.1.005, -, 1976
SEP1985 GOSTS* 2874-82, -, 1982
SEP1985 PDKVO* 2932-83, -, 1983

SEP1985 PDKTV* -, -, 1978

OCT1985 MDUPE* 3081-84, -, 1984

OCT1985 VGNEP* 2450-81, -, 1982

OCT1985 PDKCP* 3210-85, -, 1985

JUN1983 SVENF* 1975:346, 1, 1975

GBR REG AIR EMI RQR

GBR REG AIR EMI RQR

GBR REG AQ DRINK RQR

JPN REG AQ CLASS EMI MPC
JPN REG LABEL RQR
KEN REG SALE RSTR
SUN REG FOOD MXL
SUN REG AIR OCC MAC
SUN REG AQ DRINK MAC
SUN REG AQ SURF MAC
SUN REG AQ SURF MAC

SUN REC FOOD EXPRT MRL
IMPRT

SUN REG FOOD MPC

SUN REG SOIL MAC

SWE REG WASTE RQR

GBR

GBR

GBR

JPN
KEN
SUN
SUN
SUN
SUN

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SWE

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CLASS
LABEL
SALE
FOOD
AIR
AQ
AQ

FOOD

FOOD

SOIL

WASTE

EMI

EMI

DRINK

EMI

EXPRT

FOOD

SOIL

WASTE

RQR

RQR

RQR

MPC
RQR
RSTR
MXL
MAC
MAC
MAC
MAC

MRL

MPC

MAC

RQR

APR1986

APR1986

AUG1986

DEC1982
JUL1983
SEP1982
JUN1982
SEP1985
SEP1985
SEP1985

OCT1985

OCT1985

OCT1985

JUN1983

GBRSI*

GBRSI*

GBRSI*

QEJPN*
JPPDL*
GSKEN*
GOSTS*
GOSTS*
GOSTS*
PDKVO*

MDUPE*

VGNEP*

PDKCP*

SVENF*

943, -, 1983

943, 1, 1983

1985:71, 20, 1985

-, 400, 1981
-, -,
40, 409, 1978
12.1.005, -, 1976
2874-82, -, 1982
2932-83, -, 1983

3081-84, -, 1984

2450-81, -, 1982

3210-85, -, 1985

1975:346, 1, 1975

USA	REG	AIR	EMI	CLASS	INDUSTRIES WHICH MAKE OR PROCESS THIS SUBSTANCE ARE CLASSIFIED AS MAJOR AIR POLLUTANT SOURCES FOR PURPOSES OF DATA COLLECTION AND REPORTING.	MAY1986 CFRUS*
USA	REG	FOOD GOODS		RQR	SPECIFIED DRUG COLOURING AGENTS: 2.5G/KG (0.25%) SPECIFIED COSMETIC COLOURING AGENTS: 100MG/KG	MAY1986 CFRUS* 40(51), 659, 1981
USA	REG	FOOD GOODS		MPC	CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS: TRACES-0.003% (0.03G/KG) OF HEAVY METALS EXCEPT PB AND AS (BY PRECIPITATION AS SULFIDES) THE SUBSTANCE, IF IT IS CONTAINED IN FOOD, MUST BE DECLARED ON THE FOOD LABEL AS A PERCENTAGE OF THE U.S. RECOMMENDED DAILY ALLOWANCE WHICH IS 2MG.	MAY1986 CFRUS* 21, 240-265, 1981
USA	REG	FOOD LABEL		RQR	CERTAIN SPECIFIED STRAIGHT COLOURS WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS: TRACES-0.003% (0.03G/KG) OF HEAVY METALS EXCEPT PB AND AS (BY PRECIPITATION AS SULFIDES) THE SUBSTANCE, IF IT IS CONTAINED IN FOOD, MUST BE DECLARED ON THE FOOD LABEL AS A PERCENTAGE OF THE U.S. RECOMMENDED DAILY ALLOWANCE WHICH IS 2MG.	MAY1986 CFRUS* 21, 308, 1981
USA	REG	AQ	DRINK	RQR	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 1.0MG/L	MAY1986 CFRUS* 21, 52, 1981
USA	REG	FOOD		MPC	THE FOOD ADDITIVE (S) TRIFLUOROMETHANE SULFONIC ACID : 30 MG/KG OF HEAVY METALS	MAY1986 CFRUS* 21, 95, 1981
USA	REG	AQ	DRINK	RQR	COMMUNITY WATER SUPPLY SYSTEMS MUST IDENTIFY WHETHER CERTAIN CONSTRUCTION MATERIALS (INCL. COPPER) ARE PRESENT IN THEIR DISTRIBUTION SYSTEMS AND REPORT TO THE STATE.	MAY1986 CFRUS* 40, 353, 1981
USA	REG	AQ	DRINK	MXL	IT IS RECOMMENDED, MAINLY FOR AESTHETIC PURPOSES, THAT STATES LIMIT CERTAIN PUBLIC WATER SYSTEMS TO ALLOW NOT MORE THAN 1MG/L OF COPPER (MEASURED BY ATOMIC ABSORPTION) TO BE PRESENT IN WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER. RECOMMENDATIONS CONCERNING MONITORING ARE MADE.	MAY1986 CFRUS* 40, 371, 1981
USA	REG	MANUF AQ	DRINK	RQR	CONSTRUCTION, OPERATING, AND MONITORING REQUIREMENTS FOR UNDERGROUND INJECTION WELLS USED FOR MINING, EXTRACTION OF COPPER (FOR PROTECTION OF DRINKING WATER)	MAY1986 CFRUS* 40, 373, 1981

GL5900000 COPPER ARSENATE HYDROXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REC	AIR OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC ACID, ARSENIC ACID, AND THEIR SALTS). (SEE TRK VALUE FOR ARSENIC)	JAN1986	DFSK** XXI, 16, 1985
GBR	REG	CLASS SALE	RSTR	CLASS RSTR POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.	1APR1982	JAN1983 GBRSI* 217, 1, 1982
GBR	REG	SALE	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS.	01JAN1986	FEB1986 GBRSI* 1077, 1, 1985
GBR	REG	SALE	RSTR	(GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN) (APPLIES TO COPPER ARSENATES) SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF AGRICULTURAL, HORTICULTURAL AND FORESTAL INSECTICIDES OR FUNGICIDES.	01JAN1986	FEB1986 GBRSI* 1077, 1, 1985
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	(GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN) (APPLIES TO COPPER ARSENATES) HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. II = SUBSTANCE PRESENTING MEDIUM DANGER. III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	IMCOC* 4, 10003, 1977
USA	REG	USE	AGRIC PRO	(APPLIES TO LIQUID AND SOLID ARSENATES) VOLUNTARY CANCELLATION OF THE ONLY PRODUCT CONTAINING COPPER ARSENATE (BASIC). (SEE ALSO PR NOTICE 83-1 (1983)).	JAN1986	FEREAC 42, 18422, 1977

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ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS. THE SUBSTANCE IS EXEMPT FROM A TOLERANCE IN ALL PLANT PRODUCTS WHEN IT IS APPLIED AS A PESTICIDE TO GROWING CROPS IN ACCORDANCE WITH GOOD AGRICULTURAL PRACTICE.

USA

REG

FOOD

ARL

APR1983 CFRUS* 40(180.1001),249,1981

GL7150000 COPPER CYANIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC# 4, 10003, 1977	
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	01AUG1971	MAY1984	INDIA# -, -, 1968
UN	REC	TRNSP LABEL PACK	WASTE	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	UNTDG# -, 11, 1986	
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERECAC 46,38318,1981; 47,27531,1982 (INTERIM))	19NOV1980	JUL1983	CFRUS# 40(261), 367, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	22JUL1981	JUL1983	CFRUS# 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983	CFRUS# 40(261), 358, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
GL8050000	COPPER (I) OXIDE					
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 20.0-50.0MG/KG; PLANT (GEN ERAL): 10.0MG/KG. (WITH OTHER COPPER COMPOUND S. CALCULATED AS CU). (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBL I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** IS.635,635-643,1984
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE E IMPORT AND/OR MANUFACTURE OF THE INSECTICID ES LISTED (INCL. THIS SUBSTANCE). LICENSES FO R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE MENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	MAY1984	INDIA* -, -,1968
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH E PRODUCT CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED.	JUN1986	JPAGR* -, -,1983
SWE	REG	USE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH E PRODUCT CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED.	APR1986	PFBEK* -,58,1986
			RQR	RULES FOR LABELLING, STORAGE, HANDLING AND US E OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CL ASSIFIES EACH FORMULATION INTO ONE OF THREE HA ZARDOUS CLASSES (1 = MOST HAZARDOUS, 3 = LEAS T HAZARDOUS). CLASS-1 FORMULATIONS MAY BE SOL D ONLY TO PERSONS AUTHORIZED TO USE SUCH FORM ULATIONS.		
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPT FROM A TOLERANCE IN A LL PLANT PRODUCTS WHEN IT IS APPLIED AS A PES TICIDE TO GROWING CROPS IN ACCORDANCE WITH GO OD AGRICULTURAL PRACTICE.	APR1983	CFRUS* 40(180.1001),249,1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR COPPER IN CERTAIN SPECIFIED PLANT AND ANIMAL PRODUCTS WHEN RESULTING FROM THE USE OF COPPER SULFATE, BASIC COPPER CARBONATE , COPPER TRIETHANOLAMINE, COPPER MONOTRIETHAN OLAMINE AND/OR CUPROUS OXIDE AS ALGICIDES OR HERBICIDES IN BODIES OF WATER. (AMENDED; FERE AC 47,44562,1982)	APR1983	CFRUS* 40,269,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GL8800000	COPPER (II) SULFATE						
CSK DEU	REC REG	AIR FOOD	IMI MRL	0.1MG/M3, AV/D; 0.3MG/M3, AV/0.5H PLANT(SPECIFIED): 20.0-50.0MG/KG; PLANT(GENER AL): 10.0MG/KG. (WITH OTHER COPPER COMPOUNDS, (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURI TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN G STORAGE, LOADING AND TRANSPORT. THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE LIMIT FOR SPECIFIED FOOD PRODUCTS: 5.0MG/KG. THE SUBSTANCE IS GENERALLY RECOGNISED AS SAFE AS A DIRECT HUMAN FOOD INGREDIENT WHEN USED I N ACCORDANCE WITH GOOD MANUFACTURING PRACTICE AMENDMENT OF CFR 21(184)). THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT. UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELIN ES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 4.54KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	29APR1984	MAY1982 JUN1986	AHEM** SUPPL. 6, -, 1975 BGBL** I S. 635, 635-643, 1984
DEU	REC	AQ STORE TRNSP	CLASS	APR1986 GMBL** 11(G3191A), 173, 1985	APR1986		
JPN	REG	USE	AGRIC PRMT	JUN1986 JPAGR* -, -, 1983	JUN1986		
SUN USA	REG REG	FOOD FOOD USE	MRL PRMT	JUN1983 OCT1985 OCT1985	JUN1983 OCT1985 OCT1985	2823-83, -, 1983 FEREAC 49,24118, 1984	
USA	REG	AQ	CLASS	MAY1986 CFRUS* 40(116), 33, 1981	MAY1986		
USA	REG	AQ	EMI RQR RSTR	MAY1986 CFRUS* 40(117), 44, 1981	MAY1986		

GL8900000 COPPER SULFATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
CSK	REG USE	AGRIC PRMT		SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982 SPPOR** -, -, 1981
DEU	REG FOOD	MRL		PLANT (SPECIFIED): 20.0-50.0MG/KG; PLANT (GEN ERAL): 10.0MG/KG. (WITH OTHER COPPER COMPOUNDS, CALCULATED AS CU) (PFLANZENSCHUTZMITTEL-HOCHSTMEGANGVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** IS. 635, 635-643, 1984
EEC	REG FEED	PRMT		COPPER MAY BE ADDED AS A TRACE ELEMENT IN THE FORM OF COPPER SULFATE PENTAHYDRATE (ECC NO. E4) TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN IN THE DIRECTIVE 70/524/EEC (AS AMENDED BY OJEC L319, 13, 1984) AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE (OJEC L245, 1, 1985 AS LAST AMENDED BY THE REFERENCE GIVEN). LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319, 13, 1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.	FEB1986	OJEC** L39, 55, 1986
IND	REG IMPRT SALE PACK LABEL STORE	RQR		ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. SURFACE WATER FOR FISHING: 4 UG/L 0.009MG/M3 1X/D; 0.004MG/M3 AV/D (CALCULATED VALUES)	01AUG1971	INDIA* -, -, 1968
SUN	REG AQ SURF	MAC				JUN1982 PDKTV* -, -, 1978
SUN	REG AIR AMBI	MAC				JUN1982 PDKTV* -, -, 1978
SUN	REG USE	AGRIC PRMT		SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985 SCHSB* -, -, 1982
SWE	REG CLASS SALE USE LABEL STORE CLASS	CLASS PRMT PRMT RQR CLASS		GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	23NOV1983	STNAF* 1983:6, 1, 1983 APR1986 PFBEK* -, 58, 1986

USA	REG	FOOD	PRMT	THIS SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE.	JUL1983 CFRUS* 21, 329, 1981
USA	REG	FEED	PRMT	THIS SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE IF IN ACCORDANCE WITH GOOD MANUFACTURING OR FEEDING PRACTICE.	JUL1983 CFRUS* 21, 571, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPT FROM A TOLERANCE IN ALL PLANT PRODUCTS WHEN IT IS APPLIED AS A PESTICIDE TO GROWING CROPS IN ACCORDANCE WITH GOOD AGRICULTURAL PRACTICE.	APR1983 CFRUS* 40(180.1001), 249, 1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR COPPER IN CERTAIN SPECIFIED PLANT AND ANIMAL PRODUCTS WHEN RESULTING FROM THE USE OF COPPER SULFATE, BASIC COPPER CARBONATE, COPPER TRIETHANOLAMINE, COPPER MONOTRIETHANOLAMINE AND/OR CUPROUS OXIDE AS ALGICIDES OR HERBICIDES IN BODIES OF WATER. (AMENDED: FERE AC 47, 44562, 1982)	APR1983 CFRUS* 40, 269, 1981

GN2275000 COTTON (DUST)

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	22MAY1979	MAY1985	ADECT* 351,-,1979
CSK	REG	AIR	OCC	MAC	MCH1985	AUG1985	HPMZO* 58,-,1985
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI,16,1985
GBR	REC	AIR	OCC	RECL		OCT1985	GNHSE* EH40/85,1,1985
<p>TWA : 0.2 MG/M3, STEL : 0.6 MG/M3 TWA: 2.0MG/M3 8H-TWA: 1.5MG/M3 (APPLIES ONLY TO RAW COTTON) EXPOSURE TO COTTON DUST SHOULD BE KEPT TO THE MINIMUM REASONABLY PRACTICABLE AND SHOULD NOT EXCEED THE RECOMMENDED 8H-TWA: 0.5MG/M3 OF TOTAL DUST LESS FLY USING STATIC SAMPLERS. IT APPLIES TO BLENDS OF RAW COTTON AND OTHER FIB ERS AS WELL AS TO RAW COTTON, AND TO THE PREP ARATORY STAGES OF SPINNING RAW COTTON UP TO AND INCLUDING WINDING AND BEAMING, AND FROM 1 AUGUST 1985 ALSO TO WASTE MILLS AND THE 'WILL OWING' PROCESS.</p>							
JPN	REC	AIR	OCC	MAC	28MCH1985	JUL1986	SAIGLB 27,200,1985
<p>TWA : 1.0 MG/M3 OF INHALABLE DUST TWA : 4 MG/M3 OF TOTAL DUST VALUES ARE: TWA 0.05MG/M3 1X/D 0.5MG/M3 1X/D, 0.05MG/M3 AV/D. 1D-TWA: 0.5MG/M3 TWA: 0.2MG/M3; STEL: 0.6MG/M3 (AS RAW COTTON) (STEL VALUE INTENDED TO BE DELETED). TWA : 0.2 MG/M3 (YARN MANUFACTURING); 0.75 MG /M3 (SLASHING AND WEAVING); 0.5 MG/M3 (OTHER OPERATIONS) (APPLIES TO RAW COTTON DUST IN CASE OF OCCUPATIONAL EXPOSURE (EXCEPT HARV ESTING OR GINNING, SPECIFIED MARITIME OPERATI ONS, OR HANDLING/PROCESSING OF MOVER, KRITTED OR WASHED COTTON) TO THE SUBSTANCE (IN LINT- FREE RESPIRABLE FORM) REQUIREMENTS ARE SPECIF IED CONCERNING MONITORING, TRAINING OF EMPLOY EES, RESPIRATORY, PROTECTIVE CLOTHING, HYGIEN E FACILITIES, WARNING SIGNS, MEDICAL SURVEILL ANCE, AND PROTECTION OF EMPLOYEE, LABELLING, RECORDKEEPING AND REPORTING</p>							
SUN	REG	AIR	AMBI	PSL	DEC1983	SEP1985	OBUAV* 2947-83,-,1983
SUN	REG	AIR	AMBI	MAC	AUG1984	SEP1985	POKAV* 3086-84,-,1984
SWE	REG	AIR	OCC	HLV	01JAN1985	JAN1985	AFS*** 1984:5,10,1984
USA	REC	AIR	OCC	TLV		SEP1985	ACGIH* 1984-85,9,1984
USA	REG	AIR	OCC	PEL		APR1986	CFRUS* 29(1910),673,1981
USA	REG	OCC	LABEL	RQR		APR1986	CFRUS* 29(1910),764,1981
				WARN			

RECOMMENDATIONS-LEGAL MECHANISMS

GN4200000 COUMARIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FAO/WHO	REC	HUMAN FOOD	ADI	NO ADI ALLOCATED.	DEC1982	WHFAAC 16,6,1981	
IND USA	REG	REG USE FOOD	PRO	PROHIBITED AS FLAVOURING AGENT IN ANY FOOD	9DEC1958	DEC1982	PFAIN* - 69, 1981
	REG	REG USE FOOD	PRO	COUMARIN IS PROHIBITED FROM USE IN HUMAN FOOD		JUL1983	CFRUS* 21(189), 378, 1981
				. FOOD CONTAINING ANY ADDED OR DETECTABLE LEV EL IS ADULTERATED. (AMENDED: FEREAC 47,11855, 1982)			

GBR	REC	LABEL	REG	CLASS	DESCRIPTION	DATE	REG	CLASS	DESCRIPTION
GBR	REC	PACK	REC	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI*	17, 1, 1983	
GBR	REC	AIR	REC	OCC	8H-TWA: 0.1MG/M3. STEL(10MI-TWA): 0.3MG/M3	OCT1985	CNHSE*	EH40785, 1, 1985	
IMO	REC	TRNSP LABEL	REC	MARIN CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC. 'S BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL1983	IMCOC*	111, 9030, 1977	
IMO	REC	TRNSP LABEL	REC	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC. 'S ABOVE 1% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC*	111, 6147, 1977	
JPN	REG	USE	REG	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A RODENTICIDE	JUN1986	JPAGR*	- , - , 1983	
SUN	REG	AIR	REG	MAC	CLV: 0.001MG/M3 (AEROSOL)	JAN1978	PKAD*	1918-78, - , 1978	
SUN	REG	USE	REG	AGRIC PRMT	SUBSTANCE IS APPROVED AS RODENTICIDE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985	SCHSB*	- , - , 1982	
SWE	REG	CLASS	REG	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	23NOV1983	STNAF*	1983:6, 1, 1983	
SWE	REG	SALE	REG	PRMT	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE	APR1986	PFBEK*	- , 58, 1986	
UN	REC	TRNSP LABEL	REC	CLASS	PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE WHEN A1 = 100->60%, A2 = 6-1-5%.	MAY1986	UNTDG*	- , 203, 1986	
USA	REC	AIR	REC	TLV	111 = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 6-1.5% (SOLID) OR 6-0.6% (LIQUID). (APPLIES TO WARFARIN AND SALTS THEREOF).	19NOV1980	ACCIH*	1984-85, 9, 1984	
USA	REC	AIR WASTE	REC	RSTR RQR	TWA: 0.1 MG/M3; STEL: 0.3 MG/M3. THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO WARFARIN AND ITS SALTS)	JUL1983	CFRUS*	40(261), 367, 1981	
USA	REC	WASTE	REC	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981	CFRUS*	40(264), 455, 1981	
USA	REC	WASTE	REC	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	CFRUS*	40(261), 358, 1981	

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USA USA REG AIR WASTE OCC PEL CLASS TWA: 0.1 MG/M3 WASTE PRODUCTS CONTAINING WARFARIN AT CONCENTRATIONS OF 0.3% OR LESS ARE LISTED AS HAZARDOUS WASTES WHEN DISCARDED. IF THE CONCENTRATION EXCEEDS 0.3% THE WASTE PRODUCTS MUST BE LISTED AS ACUTELY HAZARDOUS WASTES. (AMENDMENT OF CFR 40(261)).

JUN1974 APR1983 CFRUS# 29(1910),673,1981
12NOV1984 OCT1985 FEREAC 49,1992,1984

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GN4830000 COUMACHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	USE AGRIC PRO GOODS	PRMT	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED ACCORDING TO PRESCRIPTIONS.	AUG1985	SBTAP* -, 8, 1984
CSK	REG	USE AGRIC PRMT	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982 SPPOR* -, -, 1981
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100% MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
IMO	REC	TRNSP MAR IN LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONCS. ABOVE 1% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC* III, 6147, 1977
IMO	REC	TRNSP MAR IN LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONCS. BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL1983	IMCOC* III, 9030, 1977
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	01AUG1971	MAY1984 INDIA* -, -, 1968

GN6300000 COUMAPHOS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED): 0.5-1.0MG/KG LWT, 0.05MG/KG WWT OF ANIMAL ORIGIN (GENERAL): 0.01MG/KG WWT (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG BGBl I.S.1525,1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	BGBL** I.S.635,635-643,1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980. AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. VERY TOXIC BY INHALATION, IN CONT ACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD. DRINK AND ANIMAL FEEDING STUFFS (S 13). AFTE R CONTACT WITH SKIN, WASH IMMEDIATELY WITH PL ENTY OF ... (TO BE SPECIFIED BY THE MANUFACTU RER) (S 28). IN CASE OF ACCIDENT OR IF YOU F EEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). PESTICIDE PREPARATIONS WHICH CONTAIN COUMAPHOS ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN COUMAPHOS ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L144,1,1984
FAO/WHO FAO/WHO	REC REC	FOOD FOOD	ADI GL	CARCASE MEAT OF CATTLE, POULTRY MEATS 1 MG/KG LWT; CARCASE MEAT OF GOATS, PIGS AND SHEEP MILK PRODUCTS 0.5 MG/KG LWT; EGGS 0.05 MG/KG; MILK 0.02 MG/KG.	MCH1982 MCH1982	FPPDD 26,67,1981 FPPDD 26,75,1981
GBR	REG	LABEL PACK FOOD	RQR RQR MXL	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). SPECIFIED FOOD PRODUCTS: 0.05-0.5 MG/KG. 0.02 MG/L IN ESTUARIES	APR1986	GBRSI* 17,1,1983
KEN MEX SUN	REG REG REG	FOOD AQ FOOD	MPG PRO MRL	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.2MG/KG. ADI = 0.0005MG/KG.	SEP1982 OCT1982 OCT1985	GSKEN* 40,410,1978 DOMEX* 29 MCH,1167,1973 MDUPP* 2823-83,-,1983
SUN	REC	FOOD	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.5MG/KG (ANIMAL PRODUCTS ON FAT BASIS)	OCT1985	MDUPE* 3081-84,-,1984

COUMAPHOS IS A PESTICIDE WHICH IS USED TO CONTROL INSECT PESTS ON A WIDE RANGE OF CROPS AND IN THE CONTROL OF INSECT PESTS ON STORED FOODSTUFFS. IT IS A PHOSPHORUS COMPOUND AND IS CLASSIFIED AS A HIGHLY TOXIC PESTICIDE. IT IS PROHIBITED IN SOME FOOD PRODUCTS IN THE UNITED KINGDOM AND IN SOME COUNTRIES OF THE COMMONWEALTH OF INDEPENDENT NATIONS. IT IS ALSO PROHIBITED IN SOME FOOD PRODUCTS IN THE REPUBLIC OF SOUTH AFRICA. IT IS NOT PERMITTED FOR USE ON CATTLE, GOATS, PIGS AND SHEEP IN THE UNITED KINGDOM AND IN SOME COUNTRIES OF THE COMMONWEALTH OF INDEPENDENT NATIONS. IT IS ALSO NOT PERMITTED FOR USE ON CATTLE, GOATS, PIGS AND SHEEP IN THE REPUBLIC OF SOUTH AFRICA. IT IS NOT PERMITTED FOR USE ON CATTLE, GOATS, PIGS AND SHEEP IN THE REPUBLIC OF SOUTH AFRICA.

GN7630000 COUMATETRALYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS. (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE, AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. VERY TOXIC BY INHALATION, IN CONT ACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN COUMATETRALYL ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/763/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
JPN	REG	USE AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A RODENTICIDE		JUN1986	JPAGR* -, -, 1983
SWE	REG	SALE USE LABEL STORE CLASS	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		APR1986	PFBEK* -, 58, 1986
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->34% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 34->8.5% A.I. (SOLID) OR 34-3.4% A.I. (LIQUID)		APR1986	UNTDG* -, 203, 1986

JPN	REG	CLASS LABEL	REG	CLASS LABEL	CLASS RQR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (EXCEPT WHEN THE CONC. IS BELOW 5%)	JAN1965	JUL1983	JPPDL*
SUN	REG	AIR	REG	AIR	RSTR	CLY: 0.5MG/M3 (VAPOUR)	JAN1977	JUN1982	GOSTS* 12.1.005,-,1976
SUN	REG	AIR	REG	AIR	MAC	0.005MG/M3 1X/D, 0.005MG/M3 AV/D.	AUG1984	SEP1985	PKAV* 3086-84,-,1984
USA	REC	AIR	REC	AIR	TLV	TWA: 22 MG/M3 (5 PPM) WITH ALL ISOMERS. (SKIN ABSORPTION)		SEP1985	ACGIH* 1984-85,9,1984
USA	REG	AIR	REG	AIR	PEL	TWA: 22MG/M3 (5PPM), SKIN ABSORPTION		APR1986	CFRUS* 29(1910),673,1981
USA	REG	WASTE	REG	WASTE	RSTR	CERTAIN SPECIFIED SOLID WASTES (NOT INCL. DOMESTIC WASTES) CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTE AND SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.		MAY1986	CFRUS* 40(261),362,378,1981
USA	REG	WASTE	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE IS SPECIFIED. (GC/MS OR GC WITH FLAME IONIZATION. APPLIES TO CRESOLS).		MAY1986	CFRUS* 40(261),376,1981
USA	REG	WASTE	REG	WASTE	RSTR	ANY SOLID WASTE (EXCEPT DOMESTIC) IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (APPLIES TO ALL CRESOLS).	19NOV1980	MAY1986	CFRUS* 40(261),358,1981
USA	REG	WASTE	REG	WASTE	RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986	CFRUS* 40(261),368,1981
USA	REG	WASTE	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (APPLIES TO ALL CRESOLS).	22JUL1981	MAY1986	CFRUS* 40(264),455,1981
USA	REG	AQ	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(116),33,1981
USA	REG	AQ	REG	AQ	RQR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR GREATER THAN 454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS* 40(117),44,1981
USA	REG	AQ	REG	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THAT THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.		MAY1986	CFRUS* 40(122.53),121,1981

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
G06125000	M-CRESOL						
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE		RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IB. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE		RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REC	AIR	OCC	MAK	8H-TWA: 22MG/M3 (5PPM); 5MI-STEL: 44MG/M3 (10PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT. (INCL ALL ISOMERS) (CUTANEOUS ABSORPTION)		JAN1986 DFSK** XXI, 16, 1985
DEU	REC	AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT T - TOXIC. (NOTE C). TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 25/25). CAUSES BURNS (R 34). KEEP OUT OF REACH OF CHILDREN (S 2). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.)		APR1986 GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK		RQR RQR			APR1986 OJEC** L.106, 18, 1982

G06300000 0-CRESOL

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE		RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S-IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IB. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REC	AIR	OCC	MAK	8H-TWA: 22MG/M3 (5PPM); 5MI-STEL: 44MG/M3 (10 PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT. (INCL. ALL ISOMERS) (CUTANEOUS ABSORPTION).		JAN1986 DFK** XXI, 16, 1985
EEC	REG	LABEL PACK		RQR RQR	T - TOXIC. (NOTE C). TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CAUSES BURNS (R 34). KEEP OUT OF REACH OF CHILDREN (S 2). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER. (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE. (SHOW THE LABEL WHERE POSSIBLE) (S 44). (IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.)		APR1986 OJEC** L.106, 18, 1982
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE.	28MCH1979	JAN1983 GBRSI* 1702, 1, 1978
GBR	REG	LABEL PACK		RQR RQR	EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986 GBRSI* 17, 1, 1983
GBR	REC	AIR	OCC	RECL	8H-TWA: 22MG/M3 (5PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION		OCT1985 GNHSE* EH40/85, 1, 1985

IMO	REC	TRNSP LABEL	MAR IN	CLASS	HAZARD CLASS	PACKING GROUP	II = POISONOUS SUBSTANCE. PRESENTING MEDIUM DANGER.	SEP1982 IMCOC**	4, 10003, 1977
MEX	REG	AQ	AMBI	MPC	1.5MG/L OF CRESOLS IN ESTUARIES				
SUN	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 3UG/L				
SUN	REG	AIR	AMBI	PSL	0.028MG/M3 1X/D				
UN	REC	TRNSP LABEL		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PRESENTING MEDIUM DANGER.				
USA	REG	AIR	OCC	PEL	TWA: 22MG/M3 (5PPM), SKIN ABSORPTION				
USA	REG	AIR	OCC	TLV	(SKIN ABSORPTION)				
USA	REG	WASTE		CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL CRESOLS)				
USA	REG	WASTE		CLASS	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))				
USA	REG	WASTE		CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE O-CRESOL IS RATED AS A SOMEWHAT PERSISTENT COMPOUND MANUFACTURERS AND PROCESSORS OF CRESOLS (ALL ISOMERS) OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980); CERTAIN STUDIES ARE EXEMPTED IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, FOR O-CRESOL THE TOXICITY VALUE IS 3. THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 2 AND THE REACTIVITY VALUE IS 0				
USA	REG	WASTE		CLASS					
USA	REG	MANUF		RQR					
USA	REG	WASTE		CLASS					
USA	REG	WASTE		RSTR					
USA	REG	WASTE		RQR					
USA	REG	WASTE		CLASS					
USA	REG	WASTE		RSTR					
USA	REG	WASTE		RQR					

SEP1982 IMCOC** 4, 10003, 1977

27JUN1973 OCT1982 DOMEX** 29 MGH, 1167, 1973
 JUN1982 PDKTV** - -, 1978
 DEC1983 SEP1985 OBUAV** 2947-83, -, 1983
 SEP1982 UNTDGC** -, 11, 1986

JUN1974 APR1983 CFRUS** 29(1910), 673, 1981
 SEP1985 ACGIH** 1984-85, 9, 1984

19NOV1980 JUL1983 CFRUS** 40(261), 358, 1981

APR1983 CFRUS** 40(261), 362, 378, 1981

10DEC1982 JUN1983 FEREAC 47, 31230, 1982

40CT1982 JUN1983 FEREAC 47, 38780, 1982

10DEC1982 JUN1983 FEREAC 47, 31319, 1982

USA	REG	WASTE	EMI	CLASS	DESCRIPTION	DATE
USA	REG	WASTE	EMI	RQR RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEERAC 46, 56582, 1981 (INTERIM); 47,36097,1982; 48,2532, 1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	AQ	EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454KG (OF CRESOL) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40 (117), 44, 1981
USA	REG	WASTE		RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH FLAME IONIZATION OR ELECTRON CAPTURE DETECTOR. APPLIES TO CRESOLS)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46, 38318, 1981; 47,27531, 1982 (INTERIM)). (APPLIES TO ALL CRESOLS)	22JUL1981 JUL1983 CFRUS* 40, 455, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
G06475000	P-CRESOL						
DEU	REG	AIR EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	10CT1980	JUN1986	GBL** 7,93-143,1986
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE, AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S 1A, 1B, 1C; HARMFUL CLASSES 11A, 11B, 11C, 11D. THIS SOLVENT IS CLASSIFIED IN CLASS 1B. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REC	AIR OCC	MAK	8H-TWA: 22MG/M3 (5PPM); 5M1-STEL: 44MG/M3 (10PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT. (INCL. ALL ISOMERS) (CUTANEOUS ABSORPTION).		JAN1986	DFSK** XXI,16,1985
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. (NOTE C). TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CAUSES BURNS (R 34). KEEP OUT OF REACH OF CHILDREN (S 2). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.)		APR1986	OJEC** L.106,18,1982
GBR	REG	TRNSP LABEL	CLASS	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE.	28MCH1979	JAN1983	GBRSI* 1702,1,1978
GBR	REC	AIR OCC	RQR RECL	EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS) 8H-TWA: 22MG/M3 (5PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION		OCT1985	GNHSE* EHH40/85,1,1985
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17,1,1983

IMO	REC	TRNSP LABEL	MARIN CLASS	HAZARD CLASS:	HAZARD CLASS:	SEP1982	IMCOC*
MEX	REG	AO	AMBI	6.1 = POISONOUS SUBSTANCE.	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	4, 10003, 1977
SUN	REG	AIR	AMBI	1.5MG/L OF CRESOLS IN ESTUARIES			
SUN	REG	AQ	SURF	0.02MG/M3 1X/D			
UN	REG	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	27JUN1973	DOMEX* 29 MCH, 1167, 1973
USA	REG	AIR	OCC	TWA: 22 MG/M3 (5PPM), SKIN ABSORPTION		SEP1985	OBVAV* 2947-83, -, 1983
USA	REG	AIR	OCC	TWA: 22MG/M3 (5PPM) WITH ALL OTHER ISOMERS. (SKIN ABSORPTION)		SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)		19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL CRESOLS)		19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	CLASS	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))		APRT1983	CFRUS* 40(261), 362, 378, 1981
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF CRESOLS (ALL ISOMERS) OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO JAN 1980). CERTAIN STUDIES ARE EXEMPTED IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION. EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE, FOR P-CRESOL THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 1 AND THE REACTIVITY VALUE IS 0		40OCT1982	JUN1983 FEREAC 47, 38780, 1982
USA	REG	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)		10DEC1982	JUN1983 FEREAC 47, 31319, 1982

USA	REG AQ	EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454KG (OF CRESOL) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT. THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH FLAME IONIZATION OR ELECTRON CAPTURE DETECTOR. APPLIES TO CRESOLS)	MAY1983 CFRUS* 40 (117), 44, 1981
USA	REG WASTE	RQR	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO ALL CRESOLS)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG WASTE	RQR	RQR	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	JUL1983 CFRUS* 40, 455, 1981
USA	REG AQ	EMI	CLASS		MAY1983 CFRUS* 40(116), 33, 1981

G09500000 3,5-DINITRO-0-CRESOL

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
GBR	REG	SALE	STORE	RSTR RQR	POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS ARE MADE REGARDING PERSONS TO WHOM THE POISON MAY BE SOLD AND FOR THE KEEPING OF RECORDS OF SALES. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO DINITRORESOLS AND THEIR COMPOUND S WITH A METAL OR A BASE; EXCEPT WINTER WASHE S CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITRORESOLS) (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REF ERENCE GIVEN)	01JAN1986	FEB1986 GBRSI* 1077,1,1985
GBR	REG	LABEL PACK STORE TRNSP		RQR RQR RQR RQR	'POISON' FURTHER GENERAL REQUIREMENTS CONCERNING LABEL LING, CONTAINERS, STORAGE AND TRANSPORT ARE L AID DOWN. (APPLIES TO DINITRORESOLS AND THEIR COMPOUND S WITH A METAL OR A BASE)	1APR1982	JAN1983 GBRSI* 217,218,1,1982
GBR	REG	CLASS SALE		CLASS RSTR	POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULL Y CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER. (APPLIES TO DINITRORESOLS AND THEIR COMPOUND S WITH A METAL OR A BASE)	1APR1982	JAN1983 GBRSI* 217,1,1982
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN TH E TRADE OR BUSINESS OF AGRICULTURE, HORTICULT URE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS. (APPLIES TO DINITRORESOLS (DNOC); THEIR COMP OUNDS WITH A METAL OR A BASE; EXCEPT WINTER W ASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITRORESOLS) (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REF ERENCE GIVEN)	01JAN1986	FEB1986 GBRSI* 1077,1,1985
GBR	REG	SALE		RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTR ICTED TO THE FORM OF PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (APPLI ES TO DINITRORESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE) (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REF ERENCE GIVEN)	01JAN1986	FEB1986 GBRSI* 1077,1,1985
USA	REG	AQ	EMI WASTE MXL	CLASS WASTE MXL	NITROPHENOLS (INCL. DINITRORESOLS) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHI CH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED FERECAC 47,28260,1982)		MAY1986 CFRUS* 40(403),8,1981

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

G09625000 DNOG

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA CSK	REG REG	FOOD USE	AL AGRIC PRMT	ALL FOODSTUFF : 0 MG/KG SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	AUG1982 MAY1982	BRAFI* -, -, 1969 SPPOR* -, -, 1981
CSK DEU	REG REG	FOOD	CLASS MRL	DANGEROUS POISONOUS SUBSTANCE PLANT (ALL): 0.05MG/KG (PLANZENSCHUTZMITTEL-HOCHSTMEGEMENVERORDNUNG - BGBl I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUL1967 29APR1984	MAY1982 JUN1986	SZCSR* 22, 217, 1967 BGBl** I. S. 635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I. S. 1071, 1536/2159, 1980, AND BGBl I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBl** I. S. 140, 140, 1982
DEU	REC	AIR	OCC	8H-TWA: 0.2MG/M3; 30MI-STEL: 0.4MG/M3 AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION)		JAN1986	DFSK** XXI, 16, 1985
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN DNOG ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
GBR	REG	USE	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN. A RESPIRATOR IS REQUIRED WHEN APPLYING AEROSOLS OR A TOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES APPROVED AS A CONTACT INSECTICIDE AND ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -, 15, 1983
GBR	REG	USE	PRMT	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. IN RED.		MCH1983	APFG** -, 89, 1983
GBR	REG	SALE STORE	RSTR RQR	SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO DINITRORESOL S AND THEIR COMPOUNDS WITH A METAL OR A BASE, EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITROCRE SOLS (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077, 1, 1985

GBR	REG	LABEL	RQR	1APR1982	JAN1983	GBRSI*	217, 218, 1, 1982
GBR	REG	LABEL - PACK - STORE - TRNSP	RQR RQR RQR RQR	1APR1982	JAN1983	GBRSI*	217, 218, 1, 1982
GBR	REG	LABEL - PACK - SALE	RQR RQR RSTR		APR1986	GBRSI*	17, 1, 1983
GBR	REG	CLASS SALE	CLASS RSTR	01JAN1986	FEB1986	GBRSI*	1077, 1, 1985
GBR	REG	CLASS SALE	CLASS RSTR	1APR1982	JAN1983	GBRSI*	217, 1, 1982
GBR	REG	SALE	RSTR	01JAN1986	FEB1986	GBRSI*	1077, 1, 1985
GBR	REC	AIR	RECL		OCT1985	GNHSE*	EH40/85, 1, 1985
GBR	REG	USE	AGRIC RQR	29AUG1984	AUG1986	GBRSI*	1984:1114, 1, 1984
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	SEP1982	IMCOC*	4, 10003,	1977
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	JUL1983	IMCOC*	111, 9030,	1977
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	JUL1983	IMCOC*	111, 6147,	1977
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	01AUG1971	MAY1984	INDIA*	-,-, 1968

LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO DINITROCRESOLES AND THEIR COMPOUNDS WITH A METAL OR A BASE)

FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (APPLIES TO DINITROCRESOLES AND THEIR COMPOUNDS WITH A METAL OR A BASE)

(GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)

POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST. (APPLIES TO DINITROCRESOLES AND THEIR COMPOUNDS WITH A METAL OR A BASE)

POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS. (APPLIES TO DINITROCRESOLES (ONOC); THEIR COMPOUNDS WITH A METAL OR A BASE; EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT. OF DINITROCRESOLES)

(GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)

8H-TWA: 0.2MG/M3. STEL(10MI-TWA): 0.6MG/M3. SKIN ABSORPTION

PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POISONOUS SUBSTANCES IN AGRICULTURE REGULATIONS 1984 PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO 'POISONOUS CHEMICALS ON THE FARM' BOOKLET. ISBN 011883414 2)

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.

HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 2.5%

LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 2.5%

LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD

ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.

JPN	REG	CLASS LABEL	REG	CLASS LABEL	REG	CLASS LABEL	JAN1965	JUL1983	JPPDL*
SUN	REG	PRO	REG	RQR	JAN1965	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS POISONOUS (APPLIES TO DNOG AND ITS SALTS EXCEPT WHEN THE CONC. IS BELOW 5%). PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. ADI = 0.003MG/KG (CALCULATED VALUE).	JAN1965	JUL1983	JPPDL* -,-
SUN	REG	AMB I AQ SURF MAC PRMT	REG	PSL MAC PRMT	JUN1983	AD1 = 0.003MG/M3 1X/D 0.002MG/M3 0.05MG/L	JUN1983	OCT1985	MDUPP* 2823-83,-, 1983
SUN	REG	USE	REG	AGRIC PRMT	DEC1983	AD1 = 0.003MG/M3 1X/D	DEC1983	SEP1985	OBUAV* 2947-83,-, 1983
SUN	REG	USE	REG	AGRIC PRMT	JAN1982	AD1 = 0.003MG/M3 1X/D	JAN1982	SEP1985	PDKVO* 2932-83,-, 1983
SUN	REG	USE	REG	AGRIC PRMT	JAN1982	AD1 = 0.003MG/M3 1X/D	JAN1982	OCT1985	SCHSB* -,-, 1982
SUN	REG	USE	REG	AGRIC PRMT	JAN1982	AD1 = 0.003MG/M3 1X/D	JAN1982	OCT1985	SCHSB* -,-, 1982
SUN	REG	USE	REG	AGRIC PRMT	JAN1982	AD1 = 0.003MG/M3 1X/D	JAN1982	OCT1985	SCHSB* -,-, 1982
SUN	REG	FEED	REG	PRO	APR1981	AD1 = 0.0MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEED DSTUFF).	APR1981	OCT1985	SCHSB* SUPL-4,-, 1982
SWE	REG	CLASS	REG	CLASS	23NOV1983	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE BANNED BECAUSE OF ITS HIGH ACUTE TOXICITY	23NOV1983	OCT1984	STNAF* 1983:6,1, 1983
SUN	REG	TRNSP LABEL PACK	REG	AGRIC PRO	31DEC1966	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE	31DEC1966	JAN1986	PKB*** 31.12.1966,-, 1966
USA	REG	AIR OCC	REG	TLV		PACKING GROUP: I1 = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; I11 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (LIQUID). TWA: 0.2MG/M3; STEL: 0.6MG/M3 (SKIN ABSORPTIO N). (STEL VALUE INTENDED TO BE DELETED). ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246, 1981: 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36 097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 19 83 (ENFORCEMENT GUIDANCE). (APPLIES TO DNOG AND ITS SALTS)		SEP1985	ACGIH* 1984-85,9, 1984
USA	REG	WASTE	REG	RQR	19NOV1980	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC LNERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318, 1981; 47,27531, 1982 (INTERIM)). (APPLIES TO DNOG AND ITS SALTS)		JUL1983	CFRUS* 40,358, 1981
USA	REG	AQ WASTE	REG	EMI WASTE	18JUL1980	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATI ONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION , MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBS TANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH EST OF THE FOLLOWING LEVELS: A) 500 UG/L, B)		MAY1983	CFRUS* 40(122.53), 121, 1981

5 TIMES THE MAXIMUM CONC. REPORTED IN THE APP
 LICATION, C) THE LEVEL ESTABLISHED BY THE EPA
 DIRECTOR. (AMENDED: FERAC 46,35091,1981; 46
 ,36703,1981; 47,24918,1982; 48,14146,1983).
 NITROPHENOLS (INCL. DINITRORESOLS) ARE AMONG
 OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WH
 ICH EPA IS REQUIRED TO SET OR HAS SET EFFLUEN
 T LIMITATIONS AND PRETREATMENT STANDARDS FOR
 21 MAJOR INDUSTRIES.
 (AMENDED: FERAC 47,42688,1982) (FURTHER LIMI
 TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL
 AR INDUSTRIES: FERAC 46,57286,1981; 47,23258
 ,1982; 47,24534,1982; 47,24554,1982; 47,28260
 ,1982; 47,38810,1982; 47,41738,1982; 47,45382
 ,1982; 47,51075,1982; 47,52206,1982; 47,52290
 ,1982; 47,53172,1982; 47,54232,1982; 47,54598
 ,1982; 48,1769,1983; 48,2774,1983; 48,13176
) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848
 ,1982; 47,55226,1982; 48,15382,1983)
 RAW AGRICULTURAL PRODUCTS (APPLES) : 0.02 MG/
 KG (INCL. THE SODIUM SALT)
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED
 , WHEN DETERMINING WHETHER THIS SUBSTANCE IS
 CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC
 /MS OR GC WITH FLAME IONIZATION OR ELECTRON C
 APTURE DETECTOR)
 THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL
 PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOU
 S WASTE", SUBJECT TO HANDLING, TRANSPORT, TREA
 TMENT, STORAGE AND DISPOSAL REGULATION AND PE
 RMIT AND NOTIFICATION REQUIREMENTS. (AMENDED:
 FERAC 46,56582,1981 (INTERIM); 47,36097,198
 2; 48,2532,1983 (INTERIM); 48,11157,1983 (ENF
 ORCEMENT GUIDANCE).
 (APPLIES TO 4,6-DINITRO-O-CRESOL AND ITS SALT
 S)

JUL1983 CFRUS* 40(403),8,1981

APR1983 CFRUS* 40(180),152,1981

APR1983 CFRUS* 40(261),376,1981

19NOV1980 JUL1983 CFRUS* 40(261),367,1981

DEC1982 WHOTAC 677,3,1982

USA REG AQ EMI CLASS
 WASTE MXL

USA REG FOOD AGRIC ARL
 FEED

USA REG WASTE RQR

USA REG WASTE CLASS
 RSTR
 RQR

WHO REC AIR OCC MXL

GQ5250000 MEVINPHOS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.02-1.0MG/KG; SECURITY INTERVAL: 4-17 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC IV = LEAST TOXIC). USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SPECIFIED PLANT PRODUCTS: 0.02-1MG/KG; SECURITY INTERVAL: 4-17 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985	AUG1985	SBTAP* -, 1, 1984
BRA	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.02-1.0MG/KG; SECURITY INTERVAL: 4-17 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC IV = LEAST TOXIC). USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SPECIFIED PLANT PRODUCTS: 0.02-1MG/KG; SECURITY INTERVAL: 4-17 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.			SBTAP* -, 8, 1984
CSK	REG	USE	AGRIC PRMT	PLANT (SPECIFIED): 0.02-1.0MG/KG; SECURITY INTERVAL: 4-17 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC IV = LEAST TOXIC). USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG	HUMAN FOOD	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)	OCT1978	MAY1982	HPNZC* 43, -, 1978
CSK	REG	FOOD	CLASS MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)	JUL1967	MAY1982	SZCSR* 22, 217, 1967
DEU	REG	AIR	OCC	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)	JUN1984	JAN1986	BGBL** IS. 635, 635-643, 1984
DEU	REG	AIR	IMI RQR	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)		MAY1982	DFSK** XXI, 16, 1985
DEU	REG	AIR	IMI RQR	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)		MAY1982	BGBL** IS. 772, 777-779, 1980
DEU	REG	PACK USE	RQR RQR RSTR	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
EEC	REG	PACK	RQR RQR	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1MG/KG. DANGEROUS POISONOUS SUBSTANCE. PLANT (SPECIFIED): 0.1-0.5MG/KG; PLANT (GENERAL): 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 0.1MG/M3 (0.01PPM) (CUTANEOUS ABSORPTION)		APR1986	OJEC** L. 106, 18, 1982

TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD. DRINK AND ANIMAL FEEDING STUFFS (S 13). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLANT (S 28). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).

GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WH EN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986 FEB1986 GBRSI* 1077, 1, 1985
GBR	REG	USE	AGRIC RQR	PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POSITIVELY PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO POSITIONOUS CHEMICALS ON THE FARM' BOOKLET. ISBN 011883414 2).	29AUG1984 AUG1986 GBRSI* 1984:1114, 1, 1984
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCS. IS LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983 IMCOC* 111, 6147, 1977
KEN	REG	FOOD CLASS	MXL	SPECIFIED FOOD PRODUCTS: 0.25 MG/KG.	SEP1982 GSKEN* 40, 410, 1978
SWE	REG	FOOD SALE	MTC	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE PLANT (SPECIFIED): 0.1-0.3 MG/KG	OCT1984 STNAF* 1983:6, 1, 1983
SWE	REG	USE LABEL STORE CLASS	PRMT RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	23NOV1983 01JAN1985 JUN1986 APR1986 PFBEK* -, 58, 1986
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%; AI = 60->5%; AI = 5-1% (SOLID) OR 5-0.5% (LIQUID). TWA: 0.1MG/M3 (0.01PPM); STEL: 0.3MG/M3 (0.03 PPM) (SKIN ABSORPTION)	MAY1986 UNTDG* -, 203, 1986
USA	REC	AIR OCC	TLV	III = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->5%;	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	USE LABEL	RSTR CLASS RQR	II = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 5-1% (SOLID) OR 5-0.5% (LIQUID). CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	APR1983 CFRUS* 40(162.31), 55, 1981
USA	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON-OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES LINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(117), 44, 1981

USA
USA

REG AIR OCC PEL
REG AQ EMI RQR
WASTE

JUN1974

APR1983 CFRUS* 29(1910),673,1981
MAY1983 CFRUS* 40(122),121,1981

TWA: 0.1 MG/M3. SKIN ABSORPTION PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.25-1 MG/KG (INCL. THE ALPHA AND BETA-ISOMERS) (AMENDMENT OF CFR 40(180)) RESIDUE TOLERANCE IN DEHYDRATED PARSLEY: 4MG/KG (INCL. ITS BETA-ISOMER)

USA
REG FOOD AGRIC ARL
FEED

OCT1985 FEREAC 49,21710,1984

USA
REG FOOD ARL

OCT1985 CFRUS* 21,380,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTR Y DATE	REFERENCES
GQ5600000		BINAPACRYL					
BRA	REG	FOOD USE GOODS	AL AGRIC PRO	<p>SPECIFIED PLANT PRODUCTS: 0.01-0.5MG/KG; SECURITY INTERVAL: 8-42 DAYS; PROVISIONAL TOXICITY CLASS: I-III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.3-1.0MG/KG. OTHER PLANT PRODUCTS: 0.3MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>	AUG1985		SBTAP* -, 8, 1984
CSK	REG	HUMAN FOOD	MRL		OCT1978		HPMZC* 43, -, 1978
DEU	REG	FOOD	MRL		29APR1984		BGBl** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR		1OCT1980		BGBl** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	<p>TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (APPLIES TO DINOSEB SALTS AND ESTERS). THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)</p>	APR1986		OJEC** L. 106, 18, 1982
EEC	REG	LABEL PACK	RQR RQR				OJEC** L. 106, 18, 1982
EEC	REG	FOOD	MRL	<p>(GENERAL): 0.3 MG/KG; PLANT SPECIFIC (SPECIFIC D): 0.05 MG/KG</p>	1JUL1984		OJEC** L234, 1, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DINOSEB AND/OR ITS SALTS AND ESTERS ARE CLASSIFIED INTO CLASS IB I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>			OJEC** L144, 1, 1984

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
Q05775000	DINOCAP						
BRA	REG	FOOD USE	AL AGRIC PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-1MG/KG; SECURITY INTERVAL: 7-21 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1985		SBTAP* -, 8, 1984
CSK	REG	USE	AGRIC PRMT		AUG1981		SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0MG/KG OTHER PLANT PRODUCTS: 0.1MG/KG (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984		BGBL** I.S. 635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980		BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IID, I.E. WHEN SOLID; AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
FAO/WHO	REC	FOOD	GL	APPLES, APRICOTS, BLACKBERRIES, BOYSEN BERRIES, CANTALOUPE, CUCUMBERS, GRAPES, HONEYDEW MELONS, MUSKMELONS, PEACHES, PEARS, PUMPKINS, RASPBERRIES, SQUASH, STRAWBERRIES 0.1 MG/KG. APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		MCH1982	FPPDD 11, 21, 1978
GBR	REG	USE	PRMT			MCH1983	APFC** -, 89, 1983
GBR	REG	LABEL PACK	RQR RQR			APR1986	GBRSI* 17, 1, 1983
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONCS. BELOW 20% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD		JUL1983	IMCOC* III, 9030, 1977

IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC'S ABOVE 20% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983 IMCOC* 111,6147,1977
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUN1986 JPAGR* -, -, 1983
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	JUN1986 JPAGR* -, -, 1983
JPN	REG	CLASS LABEL SALE	RQR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1983 JPPDL* -, -, 1983
SUN	REG	FOOD	PRO	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS	OCT1985 MDUPP* 2823-83, -, 1983
SUN	REG	AIR	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0MG/KG.	
SUN	REG	USE	MAC	ADI = 0.08MG/KG.	
SUN	REG	USE	AGRIC PRMT	CLV : 0.2 MG/M3 (AEROSOL)	JAN1977 GOSTS* 12.1.005, -, 1976
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985 SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985 SCHSB* -, -, 1982
SWE	REG	SALE LABEL STORE CLASS	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARDOUS CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986 PFBEK* -, 58, 1986
USA	REG	FEED	ARL	SPECIFIED ANIMAL FEED PRODUCTS : 0.3 MG/KG (1 INCL. DINOCAP, 2,6-DINITRO-4-OCTYL PHENYL CROTONATE AND RELATED NITRO-OCTYLPHENOLS)	JUL1983 CFRUS* 21(561), 523, 1981
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-0.15 MG/KG (INCL. 2,6-DINITRO-4-OCTYLPHENYL CROTONATE)	APR1983 CFRUS* 40(180), 152, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GS7175000		CYANIDE					
ARG	REG	AIR	OCC	MPC	TWA : 5 MG/M3 (AS CN) (SKIN ABSORPTION), STEL 22MAY1979 MAY1985 ADECT* 351,-,1979 : 5 MG/M3 (AS CN) (SKIN ABSORPTION)		
DEU	REG	FOOD		MRL	PLANT (SPECIFIED): 0.2-15.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG (INCL. HYDROGEN CYANIDE AND D CYANIDE SALTS, CALCULATED AS HYDROGEN CYANI DE). (PFLANZENSCHUTZMITTEL-HOCHSTWENIGENVERORD NUNG - BGBl I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986 BGBl** I.S.635,635-643,1984
DEU	REC	AIR	OCC	MAK	8H-TWA: 5MG/M3; 30MI-STEL: 10MG/M3 AVERAGE VA LUE, 4X/SHIFT. (CUTANEOUS ABSORPTION)		JAN1986 DFKS** XXI,16,1985
DEU	REG	AQ	DRINK	MPC	0.05 MG/L (2MMOL/M3) (CALCULATED AS CN-) (BGBl I.S.453,1975 AS LAST AMENDED BY THE REFERENCE GIVEN).	31JAN1976	NOV1982 BGBl** I.S.764,764,1980
DEU	REG	USE	AGRIC	RSTR	APPLICATION ONLY ADMISSIBLE FOR FUMIGATION: 1. IN MILLS, STORAGE ROOMS, WAREHOUSES, OTHER ROOMS IN FOOD-PRODUCING PLANTS AND IN MEANS OF TRANSPORTATION AND CONTAINERS AGAINST PEST S OF STORED FOOD; 2. OF PLANTS IN ARREST OF GROWTH; 3. IN HOTHOUSES, ONLY WITH THE APPROV AL OF THE COMPETENT AUTHORITY. (APPLIES TO HCN AND HCN-GENERATING MATERIAL)	1974	DEC1985 BGBl** IS 2335,2335,1980
DEU	REG	AIR	EMI	MXL	IN AIR EMISSIONS THE TOTAL CONC. OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TI N AS WELL AS THEIR INORGANIC COMPOUNDS AND SO LUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE. MEMBER STATES SHALL TAKE THE APPROPRIATE STEP S TO REDUCE POLLUTION OF INLAND SURFACE, TERR ITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHAR GES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOW N BY THE COMPETENT AUTHORITY. (APPLIES TO ALL CYANIDES)	28FEB1986	JUN1986 GMBL** 7,93-143,1986
EEC	REG	AQ	EMI	RSTR			JAN1983 OJEC** L129,23,1976
EEC	REG	AQ	DRINK	MAC GL	MAC : 50 UG CN/L, GL : - (ABSORPTION SPECTROP HOTOMETRY) REQUIREMENTS FOR MONITORING AND AN ALYSIS METHODS ARE LAID DOWN	30AUG1982	JAN1983 OJEC** L229,11,1980
EEC	REG	GOODS		RQR PRO	HYDROGEN CYANIDE AND ITS SALTS MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 - AS LAST AMENDED BY THE REFERENCE GIVEN. QUALITY STANDARD FOR CYANIDE IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WAT ER : 0.05 MG CN/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS		JUN1986 OJEC** L149,38,1986
EEC	REG	AQ	DRINK	RQR		25JUL1977	APR1986 OJEC** L194,26,1975
		AQ	FRESH	RQR	MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.		

EEC REG AQ WASTE GRND PRO RQR PRO 26JAN1982 APR1986 OJEC** L20, 43, 1980

MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF CYANIDES INTO GROUNDWATER BY:
A) PROHIBITING ALL DIRECT DISCHARGES;
B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES;

C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE OF WASTE CONTAINING OR CONTAMINATED BY CYANIDES WHICH IS CLASSIFIED AS 'HAZARDOUS WASTE'.

MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING A COUNTRY OR LEAVING THE COMMUNITY, WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO ANOTHER COUNTRY OR FROM ONE TO ANOTHER MEMBER STATE. HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).

(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31.1984 - AS AMENDED BY THE REFERENCE GIVEN)

MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THESE PLANS PUBLIC.

EEC REG AQ WASTE GRND PRO RQR PRO

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(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31.1984 - AS AMENDED BY THE REFERENCE GIVEN)

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(EEC COUNCIL DIRECTIVE 84/631/EEC - OJEC L326 31.1984 - AS AMENDED BY THE REFERENCE GIVEN)

MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THESE PLANS PUBLIC.

01OCT1985 MCH1986 OJEC** L272, 1-20, 1985

31MCH1980 FEB1986 OJEC** L84, 43-48, 1978

OS * DICHLOROXYANOBENZENE, 2,6- * DICYANOBENZENE, M- * DICYANOBENZENE, P- * DIODO-4-OCTANOLYOXYBENZONITRILE, 3,5- * FUMIGANT CONTAINING 3,4,6,7-TETRACYANO-1,2,5-TRICHLORINE * HIGH MOLECULAR ORGANIC CYANIDE COMPOUND * MANDELONITRILE, PENTACHLORO- * OCTADECENYLOXYPROPIONITRILE, 3- * OLEONITRILE * PHOXIM * PROPIONITRILE, 2-(4-CHLORO-6-ETHYLAMINO-S-TRIAZINE-2-YLAMINO)-2-METHYL- * PRIOPONITRILE, 3-(OCTADECENYLOXY)- * STEARONITRILE * TETRACHLORO-M-DICYANOBENZENE * TRITHIOCYCLOHEPTADIENE-3,4,6,7-TETRAZANITRILE * NONENONITRILE, 3-METHYL-2- * NONENONITRILE, 3-METHYL-3- * LAULONITRILE * PALMITONITRILE * OCTADIENONITRILE, 3,7-DIMETHYL-2,6- * NONADIENONITRILE, 3,7-DIMETHYL-3,6- * NONADIENONITRILE, 3,7-DIMETHYL-2,6- * NONENONITRILE, 4,8-DIMETHYL-7- * CAPRYLONITRILE *

MEX REG AQ AMBI MPC 27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973
 1) 0.20 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION

2) 0.02 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES
 3) NO LIMIT SET IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES
 0.001 MG/L IN COASTAL WATERS
 0.0 MG/L IN ESTUARIES
 CLV : 5 MG/M3 INCL. ALL CYANIDES, AS CN. (SKI N ABSORPTION)

MEX REG AQ AMBI MPC 27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973
 MEX REG AQ AMBI MPC 27JUN1973 OCT1982 DOMEX* 29 MCH, 1167, 1973
 SWE REG AIR OCC 01JAN1985 JAN1985 AFS*** 1984:5, 10, 1984
 SWE REG WASTE RQR 1JUL1975 JUN1983 SVENF* 1975:346, 1, 1975

ENTERPRISES WHERE WASTE CONTAINING CYANIDE OCCURS ARE REQUIRED TO REPORT THE TYPE, CONTENT QUANTITY AND HANDLING OF THE WASTE TO THE HEALTH AUTHORITIES. PERMISSION FROM THE AUTHORITIES IS REQUIRED FOR THE TRANSPORT, HANDLING AND EXPORT OF SUCH WASTE.
 WATER SHALL BE CONSIDERED ADULTERATED IF THE CONCENTRATION OF CYANIDE EXCEEDS 0.1MG/L.
 (METHOD OF ANALYSIS: SIS 028116)
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.
 (APPLIES TO CYANIDE SOLUTIONS).
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 (APPLIES TO INORGANIC CYANIDE).

SWE REG AQ DRINK MPC 01JUL1984 JUN1986 STLIF* 1984:9, 1, 1984
 UN REG TRNSP LABEL CLASS SEP1982 UNTDG* -, 11, 1986
 UN REG TRNSP LABEL CLASS SEP1982 UNTDG* -, 11, 1986

TLV CLASS OCC 19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981
 CLASS RSTR RQR
 TWA: 5 MG/M3 (SKIN ABSORPTION).
 THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE).
 (APPLIES TO SOLUBLE CYANIDE SALTS)
 AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46,38318, 1981; 47,27531, 1982 (INTERIM)).
 (APPLIES TO SOLUBLE SALTS AND COMPLEXES OF CYANIDE)

USA REG WASTE RQR 22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981

USA	REG	WASTE	CLASS	19NOV1980	JUL1983	CFRUS*
			RSTR RQR			40(261), 358, 1981
				<p>ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS) UNLESS PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO SOLUBLE SALTS AND COMPLEXES OF CYANIDE)</p> <p>SPECIAL PRECAUTION MUST BE TAKEN BY OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES WHEN MIXING THIS SUBSTANCE WITH CERTAIN OTHER HAZARDOUS WASTES SUCH INCOMPATIBLE WASTES MUST NOT BE PLACED IN THE SAME CONTAINER, NOR STORED IN THE SAME AREA</p> <p>CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246, 1981; 46,40154, 1981; 46,44972, 1981; 46,47429, 1981; 46,56586, 1981; 46,61273, 1981; 47,36097, 1982; 47,52668, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE))</p> <p>PERMITS ARE REQUIRED FOR DISCHARGE OF THE SUBSTANCE FROM ANY POINT SOURCE INTO U.S. WATERS</p> <p>SOME SPECIFIED EXISTING INDUSTRIES AS WELL AS EXISTING SILVICULTURAL, MANUFACTURING, COMMERCIAL AND MINING UNDERTAKINGS WHO HAVE REASON TO BELIEVE THAT THE SUBSTANCE IS DISCHARGED IN THEIR OUTFALL, MUST REPORT IN THE PERMIT APPLICATION QUANTITATIVE DATA FOR THE SUBSTANCE. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER THE ISSUE OF THE PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CONCENTRATION ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CYANIDE)</p> <p>(AMENDED: FEREAC 46,34091, 1981; 46,36703, 1981; 47,24918, 1982; 48,14146, 1983).</p> <p>IN ALL OPERATIONS INVOLVING THE IMMERSION OF MATERIALS IN LIQUIDS OR THEIR VAPOUR FOR CLEANING, FINISHING, ETC. (OPEN SURFACE TANK OPERATIONS), DIKES OR OTHER ARRANGEMENTS MUST BE PROVIDED TO PREVENT THE POSSIBILITY OF MIXING OF ACID AND CYANIDE IN CASE OF TANK RUPTURE.</p> <p>CYANIDES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET STANDARDS FOR 21 MAJOR INDUSTRIES.</p> <p>(AMENDED: FEREAC 47,42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286, 1981; 47,23258, 1982; 47,24534, 1982; 47,24554, 1982; 47,28260, 1982; 47,38810, 1982; 47,41738, 1982; 47,45382, 1982; 47,51075, 1982; 47,52206, 1982; 47,52290, 1982; 47,53172, 1982; 47,54232, 1982; 47,54598, 1982; 48,1769, 1983; 48,2774, 1983; 48,13176, 1983)(ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848, 1982; 47,55226, 1982; 48,15382, 1983)</p>		
USA	REG	WASTE	RSTR	13JUL1981	APR1983	CFRUS* 40(264), 405/445, 1981
USA	REG	WASTE	CLASS RSTR RQR			APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	EMI WASTE	RQR	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	OCC	RSTR			JUN1983 CFRUS* 29 (1910), 173, 1981
USA	REG	EMI WASTE	CLASS MXL			JUL1983 CFRUS* 40(403), 8, 1981

JUL1983 CFRUS* 40(1510), 525, 1981

CHEMICAL AGENTS FOR USE AS A DISPERSING OR SURFACE COLLECTING AGENT FOR SPILLS OF OIL AND HAZARDOUS SUBSTANCES WILL NOT BE CONSIDERED FOR USE UNDER THE NATIONAL POLLUTION CONTINGENCY PLAN UNLESS TECHNICAL PRODUCT DATA HAVE BEEN PROVIDED TO AND ACCEPTED BY EPA. THE DATA MUST INCLUDE THE CONCENTRATIONS OR UPPER LIMITS OF THIS SUBSTANCE IN THE PRODUCT. (REEDITED CFRUS * 40(300) AND AMENDED FERECAC 47, 31180, 1982)

JUL1983 CFRUS* 16(1500), 302, 1982

ANY PRODUCT CONTAINING CYANIDE AS A SOLUBLE SOLUT IS BANNED AS A HAZARDOUS PRODUCT BECAUSE IT POSSESSES SUCH A DEGREE OF HAZARD THAT ADEQUATE CAUTIONARY LABELLING CANNOT BE WRITTEN AND PUBLIC HEALTH CAN ONLY BE SERVED BY KEEPING IT OUT OF INTERSTATE COMMERCE (DOES NOT APPLY TO UNAVOIDABLE MANUFACTURING RESIDUES IN OTHER CHEMICALS IF ANY REASONABLE USE DOES NOT RESULT IN ATMOSPHERIC CONCENTRATIONS ABOVE 25PPM)

MAY1983 CFRUS* 21(73), 240-265, 1981

SPECIFIED FOOD COLOURING AGENTS : -
SPECIFIED DRUG COLOURING AGENTS : 10 MG/KG (OF WATER SOLUBLE CN)
SPECIFIED COSMETIC COLOURING AGENTS : 10 MG/KG (OF WATER SOLUBLE CN)

JUN1983 CFRUS* 21(173), 106, 1981

SODIUM GLUCOHEPTONATE, WHEN USED AS A BOILER WATER ADDITIVE IN THE PREPARATION OF STEAM THAT WILL CONTACT FOOD, MUST CONTAIN LESS THAN 1 MG/KG OF THIS SUBSTANCE.

APR1983 CFRUS* 40(261), 376, 1981

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (AAS)

APR1983 CFRUS* 40(261), 360, 1981

ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND NOTIFICATION AND PERMIT REQUIREMENTS IF IT CONTAINS CYANIDE OR SULFIDE AND CAN GENERATE TOXIC GASES, VAPOURS OR FUMES IN A QUANTITY SUFFICIENT TO PRESENT A DANGER TO HUMAN HEALTH OR THE ENVIRONMENT

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
16OCT1973 MAY1983 CFRUS* 40, 298, 1981

TWA: 5 MG/M3, SKIN ABSORPTION (AS CN)
WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (DISTILLATION FOLLOWED BY SILVER NITRATE TITRATION OR PYRIDINE PYRAZOLONE (OR BARBITURIC ACID) COLORIMETRY FOR TOTAL CYANIDE AND FOR CYANIDE AMENABLE TO CHLORINATION)

DEC1982 WHISD* 3, 32, 1971

MCH1983 WHODW* -, 15, 1983

0.05MG/L (TITRATION WITH SILVER NITRATE, COLORIMETRIC METHOD)(TENTATIVE LIMIT)
0.1 MG/L

USA REG AQ EMI RSTR

USA REG GOODS PRO RQR

USA REG FOOD GOODS MPC

USA REG FOOD MPC

USA REG WASTE RQR

USA REG WASTE MPC CLASS RSTR

USA REG AIR OCC PEL
USA REG AQ EMI RQR

WHO REC AQ DRINK MXL

WHO REC AQ DRINK GL

11/410

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GV3500000 ALPHA-HCH

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
USA	REG USE AGRIC PRO	THE ENVIRONMENTAL PROTECTION AGENCY HAS RULED THAT ANY PRODUCT CONTAINING OTHER THAN THE GAMMA-ISOMER OF HCH MAY NOT BE MANUFACTURED, SOLD OR DISTRIBUTED FOR USE. ALL MANUFACTURERS HAVE EITHER AMENDED THEIR NON-GAMMA HCH FORMULATIONS OR CANCELLED THEIR REGISTRATIONS FOR THESE PRODUCTS, THEREBY ELIMINATING FROM THE MARKET THE ALPHA- AND BETA- HCH ISOMERS, WHICH ARE ESTABLISHED ONCOGENS.	JULY1978	SEP1986	FEREAC 43,31432,1978

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GV4900000		GAMMA-HCH; LINDANE					
ARG	REG	FOOD	MXL	PLANT 2-10 MG/KG; ANIMAL FAT 7 MG/KG.	27MCH1969	MCH1982	ALEY** 18073, -, 1969
ARG	REG	USE	RSTR	MINIMUM QUANTITY IN ANTI-SCAB DIPS 500 G/1000 L, AND IN SPRAY 600 G/1000 L.	90CT1969	MCH1982	ARESA* 1274, -,
ARG	REG	LABEL	RSTR	NORMS FOR LABELLING.	90CT1969	MCH1982	ARESA* 1274, -,
ARG	REG	USE	PRO	IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO).	20DEC1971	MCH1982	ADISS* 80, -, 1971
ARG	REG	USE	PRO	AS ANTIWEED/AGENT ON SEEDS AND THEIR PRODUCTION INTENDED FOR HUMAN AND ANIMAL CONSUMPTION	1JUN1972	MCH1982	ADISS* 47, -, 1972
ARG	REG	AIR	OCC	TWA: 0.5 MG/M3; STEL: 1.5 MG/M3 (SKIN ABSORPTION)	22MAY1979	MCH1982	ADECT* 351, -, 1979
ARG	REG	GOODS	MXL	TOBACCO: 0 MG/KG	20DEC1971	MCH1982	ADISS* 80, -, 1971
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 0.001-2.0MG/KG;	AUG1985	SBTAP* -	1, 1984
	REG	USE	AGRIC	SECURITY INTERVAL: 14-120 DAYS;			
	REG	GOODS	PRO	ANIMAL PRODUCTS (SPECIFIED): 0.1-0.7MG/KG;			
				PROVISIONAL TOXICITY CLASS: I, II, III (DEPENDENT ON FORMULATION) (I=MOST TOXIC; IV=LEAST TOXIC);			
				USE IN AGRICULTURE: AUTHORIZED;			
				USE IN DOMESTIC SANITATION: NOT AUTHORIZED.			
CSK	REG	USE	AGRIC	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG	HUMAN	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-3.0MG/KG (FAT BASIS).	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	CLASS		POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED): 0.1MG/KG WMT, 0.2-2.0MG/KG LWT	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
				(PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG BGBL IS.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)			
DEU	REG	USE	PRO	IT IS PROHIBITED TO BE APPLIED AGAINST PARASITES ON LACTATING HORSES, COWS, SHEEP AND GOATS WHICH ARE USED FOR MILK PRODUCTION	1JAN1978	MAY1982	BGBL** IS 1136, 1136, 1981
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 0.1-2.0MG/KG.	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
				OTHER PLANT PRODUCTS: 0.01MG/KG.			
				(PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).			
DEU	REG	AIR	MAK	8H-TWA: 0.5MG/M3; 30MI-STEL: 5.0MG/M3 AVERAGE VALUE. 1X/SHIFT. (CUTANEOUS ABSORPTION).	JAN1986	DFS** XXI, 16, 1985	
DEU	REG	USE	PRO	ANTI-FOULING PAINTS WHICH CONTAIN: MERCURY COMPOUNDS, ARSENIC COMPOUNDS, DDT, HCH, PCB, OR PCT MAY NOT BE USED EXCEPT WHEN NO SUBSTITUTE IS AVAILABLE AND PERMISSION IS GIVEN BY THE APPROPRIATE AUTHORITY.	10OCT1980	JUN1986	BGBL** I.S.140, 140, 1982
				(BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S.2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN)			
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	10OCT1980	JUN1986	BGBL** I.S.140, 140, 1982
		PACK	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)			
		USE	RSTR	IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.			
				(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).			

APR1986 GMBL** 11(G3191A), 173, 1985

APR1986 OJEC** L.106, 18, 1982

DEC1982 OJEC** L234, 1, 1982

JUN1986 OJEC** L149, 38, 1986

APR1986 OJEC** L144, 1, 1984

01APR1986 APR1986 OJEC** L274, 11, 1984

MCH1982 FPPDD 20, 74, 1980
MCH1982 FPPDD 15, 37, 1979MCH1982 FPPDD 20, 74, 1980
MCH1982 FPPDD 11, 29, 1978

MCH1982 FPPDD 11, 29, 1978

DEU	REC	AQ	STORE	TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	APR1986 GMBL** 11(G3191A), 173, 1985
EEC	REG	REG	REG	REG	RQR	TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). IRRITATING TO EYES AND SKIN (R 36/38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHO W THE LABEL WHERE POSSIBLE) (S 44).	APR1986 OJEC** L.106, 18, 1982
EEC	REG	REG	REG	REG	MRL	PLANT (GENERAL) : 1 MG/KG ; PLANT (SPECIFIED) : 0.1-2 MG/KG	DEC1982 OJEC** L234, 1, 1982
EEC	REG	REG	REG	REG	PRO	HCH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	JUN1986 OJEC** L149, 38, 1986
EEC	REG	REG	REG	REG	CLASS	EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 - AS LAST AMENDED BY THE REFERENCE GIVEN.	APR1986 OJEC** L144, 1, 1984
					RQR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS 1C, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	
					RQR	LIMIT VALUES FOR HCH IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OF HCH OR MONTHLY AVERAGE IN WEIGHT/T HCH PRODUCED/TREATED) WHICH ARE TO BE COMPLIED WITH BY A) 1.4.1986 AND B) 1.10.1988 ARE FOR:	
					RSTR	1. PLANT FOR THE PRODUCTION OF HCH: A) 3MG/L DISCHARGED OR 3G/T HCH PRODUCED; B) 2MG/L DISCHARGE OR 2G/T HCH PRODUCED.	
EEC	REG	REG	REG	REG	MXL	2. PLANT FOR THE EXTRACTION OF LINDANE: A) 8MG/L DISCHARGE OR 15G/T HCH TREATED; B) 2MG/L DISCHARGE OR 4G/T HCH TREATED.	
					WASTE	3. PLANT WHERE THE PRODUCTION OF HCH AND EXTRACTION OF LINDANE IS CARRIED OUT: A) 6MG/L DISCHARGE OR 16G/T HCH PRODUCED; B) 2MG/L DISCHARGE OR 5G/T HCH PRODUCED.	
					AQ	(REFERENCE METHOD OF ANALYSIS: GC-EC)	
					FRESH	0.01 MG/KG BW	
					MARIN	COCOA BUTTER, COCOA MASS 1 MG/KG; MILK PRODUCT (FAT BASIS) 0.2 MG/KG; MILK (WHOLE) 0.01 MG/KG.	MCH1982 FPPDD 20, 74, 1980 MCH1982 FPPDD 15, 37, 1979
FAO/WHO REC	REC	REC	REC	REC	ADI	TOMATOES 2 MG/KG.	
FAO/WHO REC	REC	REC	REC	REC	MRL	POULTRY (FAT BASIS) 0.7 MG/KG; CARROTS, EGGS (SHELL FREE) 0.1 MG/KG.	
FAO/WHO REC	REC	REC	REC	REC	ERL	CRANBERRIES, STRAWBERRIES 3 MG/KG; ENDIVE, LETTUCE, FAT OF MEAT OF CATTLE, PIGS AND SHEEP, SPINACH 2 MG/KG; BEANS (DRIED), COCOA BEANS, KOHLRABI, RADISH 1 MG/KG; APPLES, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, GRAPES, PEARS, PLUMS, RAW CEREALS, REDCURRANTS, RICE,	MCH1982 FPPDD 20, 74, 1980 MCH1982 FPPDD 11, 29, 1978
FAO/WHO REC	REC	REC	REC	REC	MRL		MCH1982 FPPDD 11, 29, 1978

E (IN HUSK), SAVOY CABBAGE, TOMATOES 0.5 MG/KG;
G; PEAS, SUGARBEET (ROOTS), SUGARBEET (LEAVES)
) 0.1 MG/KG; POTATOES, RAPESEED 0.05 MG/KG. LI
APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI
MITATIONS AND SAFETY PRECAUTIONS ARE LISTED
8H-TWA: 0.5MG/M3. STEL(10MI-TWA): 1.5MG/M3.
SKIN ABSORPTION
FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18,1982).

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT
CONC.'S ABOVE 10 %
LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH
HAZARD
HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB
STANCE AT CONC.'S BELOW 10%
LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HA
ZARD

SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/KG
ACCORDING TO THE INSECTICIDES ACT 1968 WITH
THE INSECTICIDES RULES 1971, REGISTRATION BY
THE REGISTRATION COMMITTEE IS REQUIRED FOR TH
E IMPORT AND/OR MANUFACTURE OF THE INSECTICID
ES LISTED (INCL. THIS SUBSTANCE). LICENCES FO
R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO
N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE
SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE
MENTS CONCERNING PACKAGING, LABELLING, TRANS
PORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND
STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE
ALSO LAID DOWN FOR THE INSECTICIDES LISTED.
SPECIFIED PLANT PRODUCTS: 0.2MG/KG OF BHC
THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGN
ATED AS DELETERIOUS. (EXCEPT WHEN THE CONC. IS
BELOW 1.5%)

SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/KG.
0.056 MG/L IN RECEIVING WATERS USED FOR DRINK
ING WATER SUPPLY WITH CONVENTIONAL TREATMENT
AS WELL AS WITH DISINFECTION ONLY AND RECREAT
ION

0.2 UG/L IN COASTAL WATERS
0.002 MG/L IN ESTUARIES
0.1MG/KG
CLV: 0.05 MG/M3 (VAPOUR + AEROSOL)
PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS
LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.005-0.5
MG/KG (MILK PRODUCTS: 1.25MG/KG ON FAT BASIS)
ADI = 0.01MG/KG (CALCULATED VALUE).

SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS
TREATMENT. APPLICATION DOSE AND TREATMENT CON
DITIONS ARE SPECIFIED.
SUBSTANCE IS APPROVED FOR SEED TREATMENT.
APPLICATION DOSE AND TREATMENT CONDITIONS ARE
SPECIFIED.

SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRIC
CULTURAL USE. APPLICATION DOSE, MODE AND TREA
TMENT FREQUENCY IS SPECIFIED.
LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED
AND IMPORTED BY CMEA COUNTRIES: 0.05-1.0MG/KG;
0.2-0.7MG/KG (ANIMAL PRODUCTS, CALCULATED ON
FAT BASIS)

LIMITS FOR BABY FOOD PRODUCTS: 0.005-0.2MG/KG MCH1984
; ADI = 0.005 MG/KG (CHILDREN).

GBR	REG	USE	PRMT	REC	AIR	OCC	RECL	MCH1983	APFG**	-	89	1983	
GBR	REC	AIR		REC	AIR	OCC	RECL	OCT1985	GNHSE*	EH40/85	1	1985	
GBR	REG	LABEL PACK	RQR	REC	LABEL PACK		RQR	APR1986	GBRSI*	17	1	1983	
IMO	REC	TRNSP LABEL PACK	RQR	REC	MARIN LABEL PACK		RQR	JUL1983	IMCOC*	111	6147	1977	
IMO	REC	TRNSP LABEL PACK	RQR	REC	MARIN LABEL PACK		RQR	JUL1983	IMCOC*	111	9030	1977	
IND	REG	FOOD IMPRT MANUF	MTC	REG	SEL		RQR	15MAY1976	PFAIN*	-	70	1981	
IND	REG	FOOD SALE PACK LABEL STORE	RQR	REG	SEL		RQR	01AUG1971	INDIA*	-	-	1968	
JPN	REG	FOOD CLASS LABEL	ARL	REG				JUL1983	JPNFS*	-	-	-	
JPN	REG	FOOD LABEL	RQR	REG				JUL1983	JPPDL*	-	-	-	
KEN	REG	FOOD SALE	MXL	REG				SEP1982	GSKEN*	40	410	1978	
MEX	REG	FOOD AQ	MPC	REG	AMBI			OCT1982	DOMEX*	29	MCH	1167, 1973	
MEX	REG	AQ	MPC	REG	AMBI			27JUN1973	DOMEX*	29	MCH	1167, 1973	
MEX	REG	AQ	MPC	REG	AMBI			DEC1973	DOMEX*	1134-73	-	1973	
SUN	REG	SOIL	MAC	REG				JAN1977	PDKPP*	12.1	005	-	1976
SUN	REG	AIR	MAC	REG	OCC			JAN1983	GOSTS*	2823-83	-	1983	
SUN	REG	FOOD	PRO	REG					MDUPP*				
SUN	REG	FOOD	MRL	REG									
SUN	REG	FOOD	ADI	REG									
SUN	REG	USE	PRMT	REG	AGRIC			OCT1985	SCHSB*	-	-	1982	
SUN	REG	USE	PRMT	REG	AGRIC			OCT1985	SCHSB*	-	-	1982	
SUN	REG	USE	PRMT	REG	AGRIC			OCT1985	SCHSB*	-	-	1982	
SUN	REC	FOOD IMPRT	MRL	REC	EXPRT IMPRT			OCT1985	MDUPE*	3081-84	-	1984	
SUN	REC	FOOD IMPRT	MRL	REC	EXPRT IMPRT			OCT1985	MDUPE*	3081-84	-	1984	
SUN	REG	FOOD	MRL	REG	FOOD			OCT1985	MDUPP*	2974-84	-	1984	
SUN	REG	FOOD	ADI	REG	FOOD			OCT1985	MDUPP*	2974-84	-	1984	

5. TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)

19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981

24DEC1976 MAY1983 CFRUS* 40, 309, 1981

CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.004 MG/L OF LINDANE. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)

10DEC1982 JUN1983 FEREAC 47, 31319, 1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE S IN A GIVEN FACILITY. FOR EXAMPLE, FOR LINDANE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 1 AND THE REACTIVITY VALUE IS 0

JUL1983 CFRUS* 40(403), 8, 1981

HEXACHLOROCYCLOHEXANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.

(AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.01-7 MG/KG UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

APR1983 CFRUS* 40(180), 152, 1981

MAY1983 CFRUS* 40(117), 44, 1981

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 0.4 MG/L OF THIS SUBSTANCE

APR1983 CFRUS* 40(261), 376, 1981

APR1983 CFRUS* 40(261), 360, 1981

USA REG WASTE CLASS RSTR RQR

USA REG AQ DRINK MPC RQR

USA REG WASTE CLASS

USA REG AQ EMI WASTE MXL CLASS

USA REG FOOD AGRIC ARL RQR RSTR

USA REG WASTE RQR

USA REG WASTE MPC RSTR

150CT1979 APR1983 CFRUS* 40(257), 332, 335, 1981

USA REG WASTE - RQR FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGR OUND DRINKING WATER SOURCE BY CAUSING THE CON C. OF LINDANE IN GROUND WATER TO EXCEED 0.00 4 MG/L, OR BY CAUSING ANY INCREASE IF THAT LE VEL IS ALREADY EXCEEDED.
 USA REG AQ EMI CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.
 USA REG USE AGRIC RSTR CANCELLATION OF LINDANE-CONTAINING PRODUCTS FOR USE IN VAPORIZERS OR FOR INDOOR USE IN SMOKE FUMIGATION DEVICES.
 WHO REC AIR OCC MXL CANCELLATION OF REGISTRATIONS AND DENIAL OF APPLICATIONS FOR REGISTRATION OF LINDANE-CONT AINING PRODUCTS FOR ALL OTHER USES UNLESS LAB ELS CONTAIN GIVEN STATEMENTS FOR EACH USE. (SEE ALSO: PR NOTICE 69-9(1969); IF & R DOCKE T NO. 19, FR 49,26282(1984)).
 WHO REC AQ DRINK GL 0.3MG/M3 (TNETATIVE)(SKIN ABSORPTION). A BIOL OGICAL LIMIT OF 0.02MG/L OF LINDANE IN WHOLE BLOOD IS ALSO RECOMMENDED AS AN INDIVIDUAL MAXIMUM LIMIT.
 3 UG/L

MAY1983 CFRUS* 40(116), 33, 1981

JAN1986 FERECAC 49,48512,1983

DEC1982 WHOTAC 677, 3, 1982

MCH1983 WHODW* -, 17, 1983

GW1050000 CYCLOHEXANONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR OCC	MPC	TWA : 200 MG/M3 (50 PPM), STEL : 200 MG/M3 (50 PPM) 0 PPM	22MAY1979	MAY1985	ADECT* 351, -, 1979
CSK	REG	AIR OCC	MAC	TWA: 200.0MG/M3; CLV: 400MG/M3	MCH1985	AUG1985	HPMZC* 58, -, 1985
DEU	REG	AIR EMJ	MXL	THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REC	AIR OCC	MAK	8H-TWA: 200MG/M3 (50PPM); 30MI-STEL: 400MG/M3 (100PPM) AVERAGE VALUE, 4X/SHIFT. (VP=0.5KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS S-IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IID. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. FLAMMABLE (R 10). HARMFUL BY INHALATION (R 20). AVOID CONTACT WITH EYES (S 25).		APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	HARMFUL SUBSTANCE (CLASS II/C) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	JAN1983	OJEC** L213, 17, 1982

GBR	REG	TRNSP LABEL	CLASS	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3(Y) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18.1982).	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	TRNSP LABEL	RQR		JAN1983	GBRSI* 1702, 1, 1978
GBR	REC	PACK AIR	RQR		APR1986	GBRSI* 17, 1, 1983
GBR	REC	PACK AIR	RQR		OCT1985	GNHSE* EH40/85, 1, 1985
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	PACK AIR	MAC	100 MG/M3 (25 PPM) VALUERS ARE: TWA	JUL1986	SAIGLB 27, 195-219, 1985
SUN	REG	AO	MAC	0.2 MG/L	OCT1983	SEP1985 PDKVO* 2932-83, -, 1983
SUN	REG	AO	MAC	CLV : 10.0 MG/M3 (VAPOUR)	JAN1977	JUN1982 GOSTS* 12.1.005, -, 1976
SUN	REG	AO	MAC	0.04 MG/M3 1X/D.	AUG1984	SEP1985 PDKAV* 3086-84, -, 1984
SWE	REG	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	OCT1984 STNAF* 1983:6, 1, 1983
SWE	REG	CLASS	HLV	1D-TWA: 100MG/M3 (25PPM). STEL(15MIN-TWA): 200MG/M3 (50PPM). SKIN ABSORPTION.	01JAN1985	JAN1985 AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	UNTDG* -, 11, 1986
USA	REG	AO	MAC	TWA: 200 MG/M3 (50PPM)	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REC	AO	TLV	TWA: 100MG/M3 (25PPM); STEL: 400MG/M3(100PPM)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	JUL1983	CFRUS* 40 (261), 366, 1981
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	APR1983	CFRUS* 40(180.1001), 258, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.	APR1983	CFRUS* 40(180.1001), 264, 1981
USA	REG	AIR USE	RSTR	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTANCE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE FOR A SPRAY OPERATION) MUST BE SUCH AS TO DILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMICAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 1.1% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING OF EXTERIORS OF BUILDINGS, ETC.)	JUN1983	CFRUS* 29(1910), 166, 1981
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF CYCLOHEXANONE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980) . CERTAIN STUDIES ARE EXEMPTED	40OCT1982	FEREAC 47, 38780, 1982

GW4900000 CAPTAFOL; DIFOLATAN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG BRA	REG REG	AIR FOOD USE GOODS	OCC - - - AL AGRIC PRMT PRO	TWA: 0.1 MG/M3 (SKIN ABSORPTION) SPECIFIED PLANT PRODUCTS: 0.04-15MG/KG; SECURITY INTERVAL: 3-60 DAYS; PROVISIONAL TOXICITY CLASS: III, IV (DEPENDING ON FORMULATION)(I=MOST TOXIC; IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTE CTION: 2-15MG/KG. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	22MAY1979	MCH1982 AUG1985	ADECT* 351, -, 1979 SBTAP* -, 8, 1984
CSK	REG	HUMAN	FOOD	MRL	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 0.5-7.5 MG/KG; PLANT (GENER AL) 0.2 MG/KG. (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). PLANT (GENERAL): 5MG/KG; PLANT (SPECIFIED): 2-8MG/KG	JUN1986	29APR1984	BGBL** IS. 635, 635-643, 1984
EEC	REG	FOOD	MRL	TEMPORARY ADI: 0.1MG/KG BW. TEMPORARY MRL: APRICOTS, PEACHES: 15MG/KG; CHERRIES (SOOR), PINEAPPLE (WHOLE FRUIT), PLUMS: 10MG/KG; CRANBERRIES, LEEKS: 8MG/KG; A PPLES, EGGPLANT, PEARS, TOMATOES: 5MG/KG; CHERRIES (SWEET), MELONS (WHOLE), PEANUT HULLS, PUMPKINS: 2MG/KG; CUCUMBERS (WHOLE): 1MG/KG; CARROTS, ONIONS (BULB), PEANUTS (WHOLE), POTA OTES: 0.5MG/KG; WHEAT: 0.2MG/KG; MACADAMIA NUTS (SHELLED): 0.1MG/KG; PEANUT KERNELS: 0.05MG/KG. (LIMITS ARE FOR CAPTAFOL ALONE - NOT INCLUDING METABOLITES)	1JUL1984	APR1986	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	TEMPORARY ADI: 0.1MG/KG BW. TEMPORARY MRL: APRICOTS, PEACHES: 15MG/KG; CHERRIES (SOOR), PINEAPPLE (WHOLE FRUIT), PLUMS: 10MG/KG; CRANBERRIES, LEEKS: 8MG/KG; A PPLES, EGGPLANT, PEARS, TOMATOES: 5MG/KG; CHERRIES (SWEET), MELONS (WHOLE), PEANUT HULLS, PUMPKINS: 2MG/KG; CUCUMBERS (WHOLE): 1MG/KG; CARROTS, ONIONS (BULB), PEANUTS (WHOLE), POTA OTES: 0.5MG/KG; WHEAT: 0.2MG/KG; MACADAMIA NUTS (SHELLED): 0.1MG/KG; PEANUT KERNELS: 0.05MG/KG. (LIMITS ARE FOR CAPTAFOL ALONE - NOT INCLUDING METABOLITES)	APR1986	FPPDD	46, 52, 1983
GBR JPN	REC REC	AIR USE	OCC AGRIC	RECL PRMT	OCT1985 JUN1986	GNHSE* JPAGR* -, -, 1983	EH40/85, 1, 1985
JPN KEN SUN	REG REG REG	FOOD FOOD USE	ARL MXL AGRIC	PRMT	JUL1986 SEP1982 OCT1985	JPNFS* GSKEN* SCHSB* -, -, 1982	40, 410, 1978
SWE USA USA	REG REC REG	FOOD AIR FOOD FEED	MTC TLV AGRIC	ARL	01JAN1985	JUN1986 SEP1985 MAY1986	STLIF* 1984: 13, 1, 1984 ACGIH* 1984-85, 9, 1984 CFRUS* 40, 152, 1981

GW5075000 CAPTAN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FEED	MXL	30 MG/KG	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	FEED	MXL	FRUIT 30 MG/KG (PREHARVEST AND AFTER HARVEST)	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	AIR	OCC	TWA: 5 MG/M3; STEL: 15 MG/M3	22MAY1979	MCH1982	ADECT* 351, -, 1979
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 10-40MG/KG;	AUG1985	SBTAP* -, 1, 1984	
	REG	USE	AGRIC	SECURITY INTERVAL: 1-14 DAYS;			
	PRO	GOODS	PRO	PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC; IV = LEAST TOXIC);			
CSK	REG	USE	AGRIC	USE IN AGRICULTURE: AUTHORIZED;	AUG1981	MAY1982	SPPOR* -, -, 1981
				USE IN DOMESTIC SANITATION: NOT AUTHORIZED.			
CSK	REG	HUMAN FOOD	MRL	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	OCT1978	MAY1982	HPMZC* 43, -, 1978
DEU	REG	FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 10-20MG/KG.	JUN1986	BGBL**	IS.635,635-643, 1984
EEC	REG	GOODS	PRMT	PLANT (SPECIFIED) 15.0-100.0 MG/KG; PLANT (GENERAL) 0.1 MG/KG.			
				(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).			
EEC	REG	GOODS	MXL	PRESERVATIVE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL, UNTIL 31 DEC 1986, ALLOW THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE PRESERVATIVE WITHIN THE LIMITS AND UNDER THE CONDITIONS LAID DOWN. HOWEVER, THE SUBSTANCE MAY BE USED IN OTHER CONCENTRATIONS FOR OTHER SPECIFIC PURPOSES APPARENT FROM THE PRESENTATION OF THE PRODUCT.			
FAO/WHO	REC	FOOD	MRL	(COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169 1976 AS LAST AMENDED BY THE REFERENCE GIVEN)	1978	DEC1982	OJEC** L340, 26, 1976
	REC	FOOD	ADI	PLANT (GENERAL): 15.0 MG/KG		APR1986	FPPDD 62, 80, 1985
	REC	FEED	MRL	ADI: 0.1MG/KG BW			
GBR	REG	USE	PRMT	MRL: CHERRIES: 50MG/KG; APPLES: PEARS: 25MG/KG; APRICOTS, BLUEBERRIES, CURRANTS, KIWI FRUIT, POTATOES, SPINACH, STRAWBERRIES: 20MG/KG; CITRUS FRUIT, ENDIVE, PEACHES, PLUMS, RHUBARB, TOMATOES: 15MG/KG; CRANBERRIES, CUCUMBERS, GREEN BEANS, LETTUCE, PEPPERS, RASPBERRIES: 10MG/KG; RAISINS: 5MG/KG.			
GBR	REG	AIR	OCC	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED			
IND	REG	IMPRT	RECL	8H-TWA: 5MG/M3. STEL(10M1-TWA): 15MG/M3			
	REG	MANUF	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	01AUG1971	OCT1985	GNHSE* EH40/85, 1, 1985
		SALE				MAY1984	INDIA* -, -, 1968
		PACK					
		LABEL					
		STORE					

JPN	REG	USE	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	JUN1986	JPAGR*	-, -, 1983
JPN	REG	FOOD	ARL	ARL	SPECIFIED PLANT PRODUCTS : 5.0MG/KG	JUL1983	JPNES*	-, -, 1983
KEN	REG	FOOD	MXL	MXL	SPECIFIED FOOD PRODUCTS : 5.0-40.0 MG/KG.	SEP1982	GSKEN*	40, 410, 1978
SUN	REG	AQ	SURF	MAC	2.0 MG/L	SEP1985	PKVO*	2932-83, -, 1983
SUN	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.6 UG/L	JUN1982	PKTV*	-, -, 1978
SUN	REG	FOOD	PRO	PRO	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS	OCT1985	MDUPP*	2823-83, -, 1983
SUN	REG	USE	AGRIC	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.35MG/KG.	OCT1985	SCHSB*	-, -, 1982
SUN	REC	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982		
SUN	REC	FOOD	EXPT	MRL	LIMITS RECOMMENDED FOR FOODPRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 5.0MG/KG	AUG1984	MDUPE*	3081-84, -, 1984
SWE	REG	FOOD	IMPRT	MRL	FRUITS AND VEGETABLES: 5.0-15MG/KG	01JAN1985	STLIF*	1984: 13, 1, 1984
SWE	REG	USE	PRO	PRO	WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN THE PRIME COMPOUND AS AN ACTIVE INGREDIENT.	1JUN1982	PKB**	21DEC, 1, 1981
USA	REC	AIR	OCC	TLV	TWA: 5MG/M3; STEL: 15MG/M3. (STEL VALUE INTENDED TO BE DELETED).	SEP1985	ACG1H*	1984-85, 9, 1984
USA	REG	FOOD	FEED	ARL	INTERIM TOLERANCE LIMIT IN/ON RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 2-100 MG/KG	AUG1983	FEREAC	46, 55113, 1981
USA	REG	FOOD	FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS): 0.05 MG/KG FROM PRE- AND/OR POSTHARVEST USES ON SPECIFIED RAW AGRICULTURAL COMMODITIES	6NOV1981		
USA	REG	FOOD	FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.25-100 MG/KG FROM PRE- AND/OR POST HARVEST USE. (AMENDED: FEREAC 46, 55113, 1981)	AUG1983	CFRUS*	40(180), 152, 1981
USA	REG	FEED	FEED	ARL	(CORN SEED): 100 MG/KG FROM USE AS A SEED PROTECTANT, AFTER SEED TREATMENT FOR USE AS CONTACT OR HOG FEED. DETREATED CORN CAN ONLY BE USED AS A FEED FOR CATTLE OR HOGS UP TO 14 DAYS BEFORE SLAUGHTER	6NOV1981		
USA	REG	FEED	FEED	PRMT	MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING AQUEOUS AND FATTY FOODS. (FOR USE ONLY AS A MOLD- AND MILDEW-PROOF AGENT IN COATINGS INTENDED FOR USE IN CONTACT WITH CERTAIN FOOD PRODUCTS)	AUG1983	FEREAC	46, 55091, 1981
USA	REG	FEED	FEED	RSTR	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	JUL1983	CFRUS*	21(176), 153, 1981
USA	REG	AQ	EMI	CLASS	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES LINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 4.54 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS*	40(116), 33, 1981
USA	REG	AQ	EMI	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS	MAY1983	CFRUS*	40(117), 44, 1981
USA	REG	AQ	EMI	RSTR	THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF	MAY1983	CFRUS*	40(122), 121, 1981

HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)
 RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.05-100MG/KG
 (AMENDMENT OF CFR 40(180))
 RESIDUE TOLERANCE IN OR ON RAISINS: 50MG/KG
 RECOMMENDED RATE OF APPLICATION TO WHEAT SEED : RECOMMENDED SAFETY MEASURES SUCH AS COLOURING OF, ADDITION OF ODOUR OR TASTE TO, LABELLING OF, TRANSPORTATION AND DISTRIBUTION OF DRESSED SEED.

USA REG FOOD AGRIC ARL 28SEP1983 OCT1985 FEREAC 48, 44204, 1983

USA WHO REG REC FOOD USE FOOD ARL RQR OCT1985 CFRUS* 21, 380, 1981
 DEC1982 WHOTAC 555, 21, 1974

GW7700000 ISOPHORONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR OCC	MAK	8H-TWA: 28MG/M3 (5PPM). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	PACK -	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REG	USE OCC	RSTR			
EEC	REG	LABEL PACK	RQR	XI - IRRITANT. IRRITATING TO EYES. RESPIRATORY SYSTEM AND SKIN (R. 36/37/38). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	RQR	IRRITANT SUBSTANCE. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGE S AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	OJEC** L213, 17, 1982
GBR	REG	AIR OCC	RECL	8H-TWA: 25MG/M3 (5PPM). STEL(10M1-TWA): 25MG/M3 (5PPM).	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
SUN	REG	AIR OCC	MAC	CLV: 1.0MG/M3 (VAPOUR)	JAN1982	PKAD* 1918-78, -, 1978
SWE	REG	AIR OCC	HLV	CLV: 30 MG/M3 (5 PPM)	JAN1985	AFS*** 1984: 5, 10, 1984
USA	REG	AIR OCC	TLV	CLV: 25MG/M3 (5PPM).	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983	CFRUS* 21, 114, 1981
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	APR1983	CFRUS* 40(180.1001), 258, 1981
USA	REG	AQ EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981

USA	REG	WASTE	CLASS	10DEC1982	JUN1983	FEREAC 47,31230, 1982
				IN ACCORDANCE WITH THE LAW REQUIRING THE PRES IDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FAC ILITIES IN THE USA WARRANTING THE HIGHEST PRI ORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHE D A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RIS K OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE ISOPHORONE IS RATED AS A PERSISTENT COMPOUND MANUFACTURERS AND PROCESSORS OF ISOPHORONE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUD IES ON THE SUBSTANCE OR MIXTURE WITHIN THE SP ECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). C ERTAIN STUDIES ARE EXEMPTED		
USA	REG	MANUF	RQR	4OCT1982	JUN1983	FEREAC 47, 38780, 1982
				ISOPHORONE IS AMONG OTHERS CLASSIFIED AS TOXI C POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREAT MENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47,42688, 1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL AR INDUSTRIES: FEREAC 46,57286, 1981; 47,23258 , 1982; 47,24534, 1982; 47,24554, 1982; 47,28260 , 1982; 47,38810, 1982; 47,41738, 1982; 47,45382 , 1982; 47,51075, 1982; 47,52206, 1982; 47,52290 , 1982; 47,53172, 1982; 47,54232, 1982; 47,54598 , 1982; 48,1769, 1983; 48,2774, 1983; 48,13176 , 1983) (ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848 , 1982; 47,52226, 1982; 48,15382, 1983) TWA: 140 MG/M3 (25PPM) EXEMPTION FROM TOLERANCE REQUIREMENTS IS MAD E FOR ISOPHORONE WHEN USED AS A SOLVENT AND COSOLVENT IN PESTICIDE FORMULATIONS (AMENDMENT OF CFR 40(180,1001))		
USA	REG	WASTE	EMI			
			WASTE MXL			
USA	REG	AQ	CLASS	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
				08AUG1984	OCT1985	FEREAC 49,31690, 1984
USA	REG	FOOD	PEL			
USA	REG	FEED	ARL			

GY1225000 HEXACHLOROCYCLOPENTADIENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN	REG	AQ	SURF	1 UG/L	OCT1983	SEP1985	PKVO* 2932-83, -, 1983
SUN	REG	AIR	OCC	CLY : 0.01 MG/M3 (VAPOUR)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.		JUN1986	UNTDG* -, 11, 1986
USA	REC	AIR	OCC	TWA: 0.1MG/M3 (0.01PPM); STEL: 0.3MG/M3 (0.03 PPM). (STEL VALUE INTENDED TO BE DELETED). THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	SEP1985		ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	CLASS RSTR RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERECAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	22JUL1981		CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM) ; 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBS	APR1983		CFRUS* 40(261), 362, 378, 1981
USA	REG	AQ	EMI WASTE		18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981

TANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH EST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

JUL1983 CFRUS* 40(403), 8, 1981

USA CLASS EMI WASTE MXL

HEXACHLOROCYCLOPENTADIENE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.

(AMENDED: FEREAC 47 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

JUN1983 FEREAC 47, 38780, 1982

40OCT1982

USA REG MANUF RQR

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) MANUFACTURERS AND PROCESSORS OF HEXACHLOROCYCLOPENTADIENE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED

APR1983 CFRUS* 40(261), 376, 1981

USA REG WASTE RQR

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH ELECTRON CAPTURE DETECTOR) UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

MAY1983 CFRUS* 40(117), 44, 1981

USA REG AQ EMI RSTR

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

MAY1983 CFRUS* 40(116), 33, 1981

USA REG AQ EMI CLASS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GY1720000		AFLATOXIN M2					
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR	PLANT (SPECIFIED NUTS AND SEEDS AND PRODUCTS THEREOF): 10UG/KG WITH AFLATOXIN B1, B2 AND G2. WHEN THE AFLATOXIN CONTENT EXCEEDS THE MAXIMUM LIMIT IN THOSE PRODUCTS THE FOLLOWING APPLIES: THE MARKETING OF THOSE PRODUCTS AS FEEDSTUFF AND USE OF THEM IN FOOD PRODUCTION IS PROHIBITED; THE PRODUCTS HAVE TO BE SEGREGATED FROM FOODSTUFFS IN FOOD-DEALING OPERATIONS; WHEN IN FOOD-DEALING OPERATIONS THEY HAVE TO BE LABELLED: "PRODUCT WITH EXCESSIVE AFLATOXIN CONTENT - NOT TO BE SUPPLIED TO ULTIMATE CONSUMER." IF THE SPECIFIED PRODUCTS HAVE NOT BEEN TESTED FOR AFLATOXIN CONTENT AND ARE GIVEN TO A PROCESSING OPERATION THEY MUST BE LABELLED: "DO NOT PROCESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WITHOUT TESTING THE AFLATOXIN CONTENT." GROUNDNUT KERNEL (SHELLED): 30UG/KG (AS TOTAL AFLATOXINS). INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL "T". AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS)	1MCH1977	MAY1982	BGBL** I.S.3313,3313,1976
IND	REG	FOOD SEL	MPC		15JAN1977	DEC1982	PFAIN* -,154,1981
SWE	REG	CLASS LABEL	CLASS RQR		28FEB1986	JUN1986	STNAF# 1985:7(PK29),1,1985
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264),455,1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL AFLATOXINS)	19NOV1980	JUL1983	CFRUS* 40(261),358,1981
USA	REG	FOOD	RQR	MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEAL AND OTHER RAW MATERIALS (USED IN THE PRODUCTION, HANDLING, ETC. OF CACAO PRODUCTS AND COFFEY) WHICH ARE SUSCEPTIBLE TO CONTAMINATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING REQUIREMENTS ARE SPECIFIED		JUL1983	CFRUS* 21(118),120,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GY1722000	AFLATOXIN B2						
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR RQR	PLANT (SPECIFIED NUTS AND SEEDS AND PRODUCTS THEREOF): 10 UG/KG WITH AFLATOXIN B1, G1 AND G2. WHEN THE AFLATOXIN CONTENT EXCEEDS THE MAXIMUM LIMIT IN THESE PRODUCTS THE FOLLOWING APPLIES: - THE MARKETING OF THESE PRODUCTS A S FEEDSTUFF AND THEIR USE IN FOOD PRODUCTION ARE PROHIBITED; - THE PRODUCTS HAVE TO BE SEGREGATED FROM FOODSTUFFS IN FOOD-DEALING OPERATIONS; - IN FOOD-DEALING OPERATIONS THEY HAVE TO BE LABELLED: "PRODUCT WITH EXCESSIVE AFLATOXIN CONTENT - NOT TO BE SUPPLIED TO ULTIMATE CONSUMER." IF THE SPECIFIED PRODUCTS HAVE NOT BEEN TESTED FOR AFLATOXIN CONTENT AND ARE GIVEN TO A PROCESSING OPERATION THEY MUST BE LABELLED: "DO NOT PROCESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WITHOUT TESTING THE AFLATOXIN CONTENT." GROUNDNUT KERNEL (SHELLED) : 30 UG/KG (AS TOTAL AFLATOXINS) ALL FOOD: 0.005MG/KG AS THE SUM OF AFLATOXINS B1, B2, G1 AND G2. INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED; FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS) ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FER EAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL AFLATOXINS) MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEAL AND OTHER RAW MATERIALS (USED IN THE PRODUCTION, HANDLING, ETC. OF CACAO PRODUCTS AND COFFEY) WHICH ARE SUSCEPTIBLE TO CONTAMINATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING REQUIREMENTS ARE SPECIFIED	1MCH1977	MAY1982	BGBL** IS.3313,3313,1976
IND	REG	FOOD SEL	MPC		15JAN1977	DEC1982	PFAIN* -,154,1981
SWE	REG	FOOD	MPC		1JUL1980	OCT1982	STLIF* 1980:3,1,1980
SWE	REG	CLASS LABEL	CLASS RQR		28FEB1986	JUN1986	STNAF* 1985:7(PK29),1,1985
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264),455,1981
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980	JUL1983	CFRUS* 40(261),358,1981
USA	REG	FOOD	RQR			JUL1983	CFRUS* 21(118),120,1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GY180000	AFLATOXIN M1						
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR	PLANT (SPECIFIED NUTS AND SEEDS AND PRODUCTS THEREOF): TOUG/KG WITH AFLATOXIN B1, B2 AND G2. WHEN THE AFLATOXIN CONTENT EXCEEDS THE MAXIMUM LIMIT IN THOSE PRODUCTS THE FOLLOWING APPLIES: THE MARKETING OF THOSE PRODUCTS AS FEEDSTUFF AND USE OF THEM IN FOOD PRODUCTION IS PROHIBITED; THE PRODUCTS HAVE TO BE SEGREGATED FROM FOODSTUFFS IN FOOD-DEALING OPERATIONS; WHEN IN FOOD-DEALING OPERATIONS THEY HAVE TO BE LABELLED: "PRODUCT WITH EXCESSIVE AFLATOXIN CONTENT - NOT TO BE SUPPLIED TO ULTIMATE CONSUMER." IF THE SPECIFIED PRODUCTS HAVE NOT BEEN TESTED FOR AFLATOXIN CONTENT AND ARE GIVEN TO A PROCESSING OPERATION THEY MUST BE LABELLED: "DO NOT PROCESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WITHOUT TESTING THE AFLATOXIN CONTENT." GROUNDNUT KERNEL (SHELLED): 30UG/KG (AS TOTAL AFLATOXINS). INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL "T". ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL AFLATOXINS) AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS) MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEAL AND OTHER RAW MATERIALS (USED IN THE PRODUCTION, HANDLING, ETC. OF CACAO PRODUCTS AND COFFEY) WHICH ARE SUSCEPTIBLE TO CONTAMINATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING REQUIREMENTS ARE SPECIFIED	1MCH1977	MAY1982	BGBL** I. S. 3313, 3313, 1976
IND	REG	FOOD SEL	MPC		15JAN1977	DEC1982	PFAIN* -, 154, 1981
SWE	REG	CLASS LABEL	CLASS RQR		28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	FOOD	RQR			JUL1983	CFRUS* 21(118), 120, 1981

GY1925000 AFLATOXIN B1

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR	PLANT (SPECIFIED NUTS AND SEEDS AND PRODUCTS THEREOF): 5 UG/KG ALONE OR 10 UG/KG WITH AFLATOXIN B2, G1 AND G2. WHEN THE AFLATOXIN CONTENT EXCEEDS THE MAXIMUM LIMIT IN THESE PRODUCTS THE FOLLOWING APPLIES: - THE MARKETING OF THESE PRODUCTS AS FEEDSTUFF AND THEIR USE IN FOOD PRODUCTION ARE PROHIBITED; - THE PRODUCTS HAVE TO BE SEGREGATED FROM FOODSTUFFS IN FOOD-DEALING OPERATIONS; - IN FOOD-DEALING OPERATIONS THEY HAVE TO BE LABELLED: "PRODUCT WITH EXCESSIVE AFLATOXIN CONTENT - NOT TO BE SUPPLIED TO ULTIMATE CONSUMER." IF THE SPECIFIED PRODUCTS HAVE NOT BEEN TESTED FOR AFLATOXIN CONTENT AND ARE GIVEN TO A PROCESSING OPERATION, THEY MUST BE LABELLED: "DO NOT PROCESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WITHOUT TESTING THE AFLATOXIN CONTENT." MAXIMUM PERMITTED LEVELS OF AFLATOXIN B1 IN STRAIGHT FEEDINGSTUFFS: 0.05 MG/KG, IN COMPLETE FEEDINGSTUFFS: 0.01 MG/KG AND, IN CERTAIN SPECIFIED FEEDINGSTUFFS: 0.01-0.05 MG/KG (COUNCIL DIRECTIVE 74/63/EEC (EFFECTIVE DATE: 1.1.1976); OJEC L38, P.31, 1974 AS LAST AMENDED BY THE REFERENCE GIVEN) GROUNDNUT KERNEL (SHELLED): 30 UG/KG (AS TOTAL AFLATOXINS) B1, B2, G1 AND G2. INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS)	1MCH1977	MAY1982 BGBL** IS.3313, 3313, 1976
EEC	REG	FEED	MPC		31DEC1983	APR1986 OJEC** L222, 31, 1983
IND	REG	FOOD SEL	MPC		15JAN1977	DEC1982 PFAIN* -, 154, 1981
SWE	REG	FOOD	MPC		1JUL1980	OCT1982 STLIF* 1980:3, 1, 1980
SWE	REG	CLASS LABEL	CLASS RQR		28FEB1986	JUN1986 STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	RQR		22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC). IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ALL AFLATOXINS)	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981

11/431

USA REG FOOD

RQR

MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEAL AND OTHER RAW MATERIALS (USED IN THE PRODUCTION, HANDLING, ETC. OF CACAO PRODUCTS AND CONFECTIONERY) WHICH ARE SUSCEPTIBLE TO CONTAMINATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING REQUIREMENTS ARE SPECIFIED

JUL1983 CFRUS* 21(118), 120, 1981

GY5875000 LENACIL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL		29APR1984	JUN1986	BGBL** IS.635,635-643, 1984
GBR	REG	USE	PRMT			MCH1983	APFG** -, 89, 1983
JPN	REG	USE	AGRIC	PRMT		JUN1986	JPAGR* -, -, 1983
SUN	REG	FOOD	PRO		JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	AQ	SURF	MAC	OCT1983	SEP1985	PKVO* 2932-83, -, 1983
SUN	REG	AIR	OCC	MAC	NOV1982	AUG1985	PKAD* 2627-82, -, 1982
SUN	REG	USE	AGRIC	PRMT	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC	PRMT	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	SOIL	PSL				
SWE	REG	SALE	PRMT		MCH1982	OCT1985	ODKPP* 2530-82, -, 1982
	REG	USE	PRMT			APR1986	PFBEK* -, 58, 1986
		LABEL	RQR				
		STORE	RQR				
		CLASS	CLASS				

SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. (ALL): 0.1MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.

THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE

PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5MG/KG. 0.2MG/L

CLV: 0.5 MG/M3 (VAPOUR, AEROSOL)

SUBSTANCE IS APPROVED AS COMPONENT OF PESTICIDE MIXTURE FOR AGRICULTURAL USE. MIXING PROPORTION, APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.

SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.

0.1MG/KG

THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
GZ0700000		PYRETHRINS				
BRA	REG	USE AGRIC PRO GOODS	PRMT	NOT AUTHORIZED FOR AGRICULTURE. USE AUTHORIZED FOR DOMESTIC SANITIZATION ACCORDING TO PRESCRIPTIONS IN FORMULATIONS OF 2% (W/W).	AUG1985	SBTAP* -, 1, 1984
DEU	REG	USE FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-3.0MG/KG; OTHER PLANT PRODUCTS: 0.5MG/KG (WITH PYRETHRIN I, CINERIN I, CINERIN II, ALLETHRIN, BARTHIN, CYCLETHRIN AND FURETHRIN) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC** L.106, 18, 1982
EEC	REG	FOOD	MRL	PLANT (GENERAL): 1 MG/KG (CALCULATED AS THE SUM OF PYRETHRINS I AND II, CINERINS I AND II AND JASMOLINS I AND II)	1JUL1984	OJEC** L234, 1, 1982
FAO/WHO REC	ADI	FOOD		0.04 MG/KG BW (WITH OTHER PYRETHRINS)	MCH1982	FPPDD 11, 36, 1978
FAO/WHO REC	MRL	FOOD		FISH (DRIED), RAW CEREALS 3 MG/KG; DRIED FRUIT AND VEGETABLES, FRESH FRUIT AND VEGETABLES, OILSEEDS, PEANUT KERNELS, TREE NUTS 1 MG/KG. (WITH OTHER PYRETHRINS)	MCH1982	FPPDD 11, 36, 1978
GBR	REG	LABEL PACK AIR	RQR RQR RECL	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
GBR	REC	FOOD	RECL	8H-TWA: 5MG/M3. STEL(TO MI-TWA): 10MG/M3. (APPLIES TO ALL PYRETHRINS).	OCT1985	GNHSE* EH40/85, 1, 1985
IND	REG	FOOD SEL	MTC	SPECIFIED FOOD PRODUCTS: 0.5-1.5 MG/KG INCL. PYRETHRIN I AND OTHER STRUCTURALLY RELATED INSECTICIDAL INGREDIENTS OF PYRETHRUM	15MAY1976	DEC1982 PFAIN* -, 70, 1981
JPN	REG	USE AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUN1986	JPAGR* -, -, 1983
KEN	REG	FOOD SALE	MXL	SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/KG.	SEP1982	GSKEN* 40, 410, 1978
SWE	REG	USE LABEL STORE CLASS	PRMT RQR RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBK* -, 58, 1986

SWE	REG	REG	FOOD	EMI	CLASS	FRUITS AND VEGETABLES: 1.0MG/KG (INCL. PYRETH	JUN1986 STLIF* 1984:13,1,1984
USA	REG	FOOD	ARL			RIN 1) THE SUBSTANCE IS EXEMPT FROM A TOLERANCE IN A LL PLANT PRODUCTS WHEN IT IS APPLIED AS A PES TICIDE TO GROWING CROPS IN ACCORDANCE WITH GO OD AGRICULTURAL PRACTICE.	APR1983 CFRUS* 40(180.1001),249,1981
USA	REG	FOOD FEED	ARL			RAW AGRICULTURAL PRODUCTS. SPECIFIED PLANT PR ODUCTS: 0.05-3 MG/KG (OF PYRETHRINS FROM POST HARVEST USE). (AMENDED: FEREAC 46,48665,1981) SPECIFIED ANIMAL PRODUCTS: 0.1-0.5MG/KG (OF P YRETHRINS)	APR1983 CFRUS* 40(180),152,1981
USA	REG	FEED	ARL			SPECIFIED ANIMAL FEED PRODUCTS: 1 MG/KG OF P YRETHRINS (USE RESTRICTIONS AND LABEL AND LAB ELLING REQUIREMENTS ARE SPECIFIED)	JUL1983 CFRUS* 21(561),523,1981
USA	REG	AQ	EMI	RQR RSTR		UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA L TO OR MORE THAN 454 KG (OF PYRETHRINS) IN A NY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOL ATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40 (117),44,1981
USA	REG	AQ	EMI			THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.	MAY1983 CFRUS* 40(116),33,1981
USA	REG	AQ	EMI WASTE	RQR		PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL LUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS . THE FOLLOWING APPLICANTS MUST REPORT QUANTI TATIVE DATA FOR THE SUBSTANCE IN THEIR APPLIC ATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND RE PORTING REQUIREMENTS AFTER ISSUE OF PERMIT AR E SPECIFIED. EVEN IF NOT REQUIRED IN THE PERM IT, DISCHARGE OF THE SUBSTANCE MUST BE REPORT ED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL EST ABLISHED BY THE EPA DIRECTOR	MAY1983 CFRUS* 40(122),121,1981
USA	REG	FOOD	ARL			(AMENDED: FEREAC 46,35090,1981; 46,36703,1981 ; 47,24918,1982; 48,14146,1983) A COMBINATION OF N-OCTYLBI-CYCLOHEPTENE DICARB OXIMIDE, PIPERONYL BUTOXIDE AND PYRETHRINS MA Y BE USED FOR INSECT CONTROL IN FOOD-PROCESSI NG AND STORAGE AREAS. FOOD MUST BE REMOVED DU RING TREATMENT. RESIDUE TOLERANCES IN FOOD PR ODUCTS: 1MG/KG	OCT1985 CFRUS* 21,380,1981

GZ1250000 CYPERMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD USE AGRIC GOODS	AL PRMT	SPECIFIED PLANT PRODUCTS: 0.01-0.5MG/KG; SECURITY INTERVAL: 10-30 DAYS; PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED. MAX. CONCENTRATION: 0.5-1% (W/W) DEPENDING ON FORMULATION. REQUIREMENTS CONCERNING FORMULATION AND PACKAGING.	AUG1985	AUG1985	SBTAP* -, 8, 1984
CSK	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
FAO/WHO	REC	FOOD FOOD FEED	ADI MRL MRL	ADI: 0.05MG/KG BW. MRL: TEA: 20MG/KG; ALFALFA, MAIZE FODDER, SORGHUM FODDER, WHEAT STRAW: 5.0MG/KG DMT; CITRUS FRUITS, LETTUCE, NECTARINES, PEACHES, POME FRUITS, SPINACH: 2MG/KG; BRASSICA LEAFY VEGETABLES, CHERRIES, PLUMS: 1MG/KG; BARLEY, BEANS (WITH POD), LEEKS, PEPPERS, SMALL FRUITS AND BERRIES, TOMATOES, VEGETABLE OILS (EDIBLE): 0.5MG/KG; COTTONSEED, COTTONSEED OIL(EDIBLE); CUCUMBERS, EGGPLANT, MEAT BY-PRODUCTS, OILSEEDS, RAPESEED, WHEAT: 0.2MG/KG; CARCASE MEAT: 0.2MG/KG LWT; ONIONS: 0.1MG/KG; BEANS (WITHOUT T POD), COFFEE BEANS, EGGS, LEGUME OILSEED MAIZE, MUSHROOMS, PEAS, POTATOES, POULTRY MEAT, SOYBEANS, SUGARBEET, SWEETCORN, VEGETABLES (ROOT AND TUBER): 0.05MG/KG; PEANUTS: 0.02MG/KG (APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED)		JUN1986	FPPDD 62, 80, 1985
GBR	REG	USE	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	MCH1983	APFG** -, 89, 1983
SUN	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SWE	REG	FOOD SALE USE LABEL STORE CLASS	MTC PRMT RQR RQR CLASS	FRUITS AND VEGETABLES: 2.0MG/KG (PRELIMINARY) THE SUBSTANCE IS A PESTICIDE FORMULATION WHICH IS REGISTERED AT THE PRODUCT CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARDOUS CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS-1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL COMMODITIES (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.05-0.5MG/KG (UNTIL 31 DEC 1987) (AMENDMENT OF CFR 40(180))	21FEB1985	OCT1985	FEREAC 50, 7172, 1985

GZ1255000 PERMETHRIN

AREA	TYPE	REG	USE	AGRIC	PRMT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
CSK	REG	REG	FOOD		ADI		SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. ADI: 0.05MG/KG.BW MRL: ALFALFA FODDER, MAIZE FODDER AND STRAW: 100MG/KG DWT; APPLE, POMACE, HOPS (DRIED), SOY BEAN FODDER: 50MG/KG DWT; SORGHUM FODDER(DRY) TEA (DRIED, BLACK GREEN): 20MG/KG; LETTUCE, WHEAT BRAN: 10MG/KG; CABBAGE, CHINESE CABBAGE, KALE, SAVOY CABBAGE, ONIONS (SPRING): 5MG/KG; BROCCOLI, CELERY, CEREAL GRAINS, CURRANTS (BLACK, RED, WHITE), GOOSEBERRIES, GRAPES, KIWI FRUIT, POME FRUITS, SPINACH, STONE FRUITS, WHOLEMEAL), ASPARAGUS, BEANS (WITH POD), BLACKBERRIES, BRUSSELS SPROUTS, CARCASS MEAT OF CATTLE, PIG AND SHEEP(LWT), DEWBERRIES, EGGPLANTS, OLIVES, PEPPERS, RASPBERRIES, STRAWBERRIES, SUNFLOWER SEED, SUNFLOWER SEED OIL(CRUDE AND REFINED), TOMATOES: 1MG/KG; CAULIFLOWER, CITRUS FRUITS, COTTONSEED, CUCUMBERS, GHERKINS, HORSERADISH, LEEKS, SQUASH: 0.5MG/KG; ALMONDS, BEANS (DRY), CARROTS, COTTONSEED OIL, EGGS, JAPANESE RADISH, KOHLRAB, LEGUME OILSEEDS, MEAT BY-PRODUCTS OF CATTLE, PIGS AND SHEEP, MELONS, MILK, MUSHROOMS, PEAS, POULTRY MEAT, SOYBEAN OIL, SWEET CORN: 0.1MG/KG; COFFEE BEANS, PISTACHIO NUTS, POTATOES, RAPESEED, SOYBEANS, SUGARBEETS:0.05MG/KG (LEVELS REFER TO THE SUM OF PERMETHRIN ISOMERS - WITHOUT METABOLITES). APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-0.4 MG/KG. ADI = 0.035MG/KG THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	AUG1981	MAY1982	SPPOR* -, -, 1981	
FAO/WHO	REC	REC	FOOD FEED		MRL				APR1986	FPPDD	62, 80, 1985
GBR	REG	REG	FOOD		PRMT				MCH1983	APFC**	-, 89, 1983
SUN	REG	REG	USE	AGRIC	PRMT			JAN1982	SCHSB*	-, -, 1982	
SUN	REG	REG	FOOD		MRL			AUG1984	MDUPP*	3080-84, -, 1984	
SUN	REG	REG	SOIL		PSL			MAY1984	ODKPP*	3035-84, -, 1984	
SWE	REG	REG	SALE		PRMT						
			USE		PRMT						
			LABEL		RQR						
			STORE		RQR						
			CLASS		CLASS						

SWE USA	REG REG	FOOD FOOD FEED	MTC ARL	FRUITS AND VEGETABLES: 2.0MG/KG (PRELIMINARY) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR ODUCTS) : 0.05-20 MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AND 3-PBA, CALCULATED AS S PARENT) (AMENDED: FEREAC 47,55223,1982; 48 ,14897,1983).	01JAN1985 JUN1986 130CT1982 AUG1983 1984:13.1,1984 FEREAC 47,45008,1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL P RODUCTS) : 0.05-3 MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA, 3-PBA, AND 3-PHENOXYBE NZOIC ACID, CALCULATED AS PARENT)	130CT1982 AUG1983 FEREAC 47,45008,1982
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (COTTONSEED): 0.5MG /KG. SPECIFIED PLANT PRODUCTS: 0.05-60MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AN D 3-PBA, CALCULATED AS PERMETHRIN). SPECIFIED ANIMAL PRODUCTS: 0.05-3.75MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AND 3-PBA, CALCULATED AS PERMETHRIN)(AMENDMENT OF CFR 40(180), WHICH HAS BEEN AMENDED IN FEREAC 47,45008,1982; 48,14897,1983; 48,23418,1983; 48,24365,1983; 48,34036,1983; 48,42981,1983)	22JAN1983 NOV1985 FEREAC 48,28440,1983

IRPTC ----- RECOMMENDATIONS-LEGAL MECHANISMS ----- IRPTC

GZ1310000 RESMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	USE AGRIC GOODS	PRMT	USE NOT AUTHORIZED IN AGRICULTURE. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1-4% (WT/WT). THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		AUG1985	SBTAP* -,1,1984
JPN	REG	USE AGRIC	PRMT			JUN1986	JPAGR* -, -,1983
USA	REG	REG FOOD	ARL	RESIDUE TOLERANCES IN OR ON FOOD ITEMS RESULTING FROM USE OF THE INSECTICIDE IN FOOD HANDLING AND STORAGE AREAS: 3.0MG/KG (AMENDMENT OF CFR 21(193))	10AUG1983	OCT1985	FEREAC 48,36246,1983

GZ1700000 TETRAMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	USE AGRIC PRO GOODS	PRMT	USE NOT AUTHORIZED IN AGRICULTURE. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1-4% (WT/WT) AND 0.5% (WT/VOL).		AUG1985	SBTAP* -, 1, 1984
CSK	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	USE FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1MG/KG; OTHER PLANT PRODUCTS: 0.01MG/KG. (PELANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBl I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I. S. 635, 635-643, 1984
SUN SWE	REG	AQ SALE USE LABEL STORE CLASS	MAC PRMT RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	OCT1983	SEP1985 APR1986	PKVO* 2932-83, -, 1983 PFBEK* -, 58, 1986

GZ1750000 PYRETHRIN I

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-3.0MG/KG; OTHER PLANT PRODUCTS: 0.5MG/KG (WITH PYRETHRIN I, CINERIN I, CINERIN II, ALLETHRIN, BARTHIN, CYCLETHRIN AND FURETHRIN). (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 1 MG/KG (CALCULATED AS THE SUM OF PYRETHRINS I AND II, CINERINS I AND II, AND JASMOLINS I AND II)	1JUL1984	OJEC** L234, 1, 1982
FAO/WHO REC	ADI	FOOD		0.04 MG/KG BW (WITH OTHER PYRETHRINS)	APR1982	FPPDD 11, 36, 1978
FAO/WHO REC	MRL	FOOD		FISH (DRIED), RAW CEREALS 3 MG/KG; DRIED FRUIT AND VEGETABLES, FRESH FRUIT AND VEGETABLES, OILSEEDS, PEANUT KERNELS, TREE NUTS 1 MG/KG. (WITH OTHER PYRETHRINS)	APR1982	FPPDD 11, 36, 1978
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983
GBR	REC	AIR	RECL	8H-TWA: 5MG/M3. STEL(TOBI-TWA): 10MG/M3. (APPLIES TO ALL PYRETHRINS).	OCT1985	GNHSE* EH40/85, 1, 1985
IND	REG	FOOD	MTC	PYRETHRIN I AND OTHER STRUCTURALLY RELATED INSECTICIDAL INGREDIENTS OF PYRETHRUM	15MAY1976	PFAIN* -, 70, 1981
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/KG	SEP1982	GSKEN* 40, 410, 1978
SWE	REG	SALE USE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBEK* -, 58, 1986

SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 1.0MG/KG (INCL. PYRETH 01JAN1985 JUN1986 STLI F* 1984: 13, 1, 1984
USA	REG	FOOD	ARL	RIN. 11) THE SUBSTANCE IS EXEMPT FROM A TOLERANCE, IN A LL PLANT PRODUCTS WHEN IT IS APPLIED AS A PES TICIDE TO GROWING CROPS IN ACCORDANCE WITH GO OD AGRICULTURAL PRACTICE
USA	REG	FEED	ARL	SPECIFIED ANIMAL FEED PRODUCTS: 1 MG/KG OF P YRETHRINS (USE RESTRICTIONS AND LABEL AND LAB ELLING REQUIREMENTS ARE SPECIFIED)
USA	REG	AQ	RQR RSTR	OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA L TO OR MORE THAN 454 KG (OF PYRETHRINS) IN A NY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOL ATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS, SPECIFIED PLANT PR ODUCTS: 0.05-3 MG/KG (OF PYRETHRINS FROM POST HARVEST USE). (AMENDED: FEREAC 46, 48665, 19810 SPECIFIED ANIMAL PRODUCTS: 0.1-0.5MG/KG (OF P YRETHRINS)
USA	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON CONTROL ACT.
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL LUTANT FROM ANY POINT-SOURCE INTO U. S. WATERS . THE FOLLOWING APPLICANTS MUST REPORT QUANTI TATIVE DATA FOR THE SUBSTANCE IN THEIR APPLIC ATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND RE PORTING REQUIREMENTS AFTER ISSUE OF PERMIT AR E SPECIFIED. EVEN IF NOT REQUIRED IN THE PERM IT, DISCHARGE OF THE SUBSTANCE MUST BE REPORT ED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL EST ABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981 ; 47, 24918, 1982; 48, 14146, 1983)
USA	REG	FOOD	ARL	A COMBINATION OF N-OCTYLBI-CYCLOHEPTENE DICARB OXIMIDE, PIPERONYL BUTOXIDE AND PYRETHRINS MA Y BE USED FOR INSECT CONTROL IN FOOD-PROCESSI NG AND STORAGE AREAS. FOOD MUST BE REMOVED DU RING TREATMENT. RESIDUE TOLERANCES IN FOOD PR ODUCTS: 1MG/KG
				JUN1986 STLI F* 1984: 13, 1, 1984
				APR1983 CFRUS* 40(180.1001), 249, 1981
				JUL1983 CFRUS* 21(561), 523, 1981
				MAY1983 CFRUS* 40 (117), 44, 1981
				APR1983 CFRUS* 40(180), 152, 1981
				MAY1983 CFRUS* 40(116), 33, 1981
				MAY1983 CFRUS* 40(122), 121, 1981
				OCT1985 CFRUS* 21, 380, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GZ1925000	ALLETHRIN						
BRA	REG	USE AGRIC GOODS	PRO PRMT	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED IN FORMULATIONS OF 1-4% W/W AND 0.5-1% (W/V); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC).		AUG1985	SBTAP* -, 8, 1984
DEU	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-3.0MG/KG; OTHER 29APR1984 JUN1986 BGBL** IS.635,635-643, 1984 PLANT PRODUCTS: 0.5MG/KG (WITH PYRETHRIN I, PYRETHRIN II, CINERIN I, CINERIN II, BARTHHRIN, CYCLETHRIN AND FURETHRIN) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).			
DEU	REG	LABEL PACK USE	OCC RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONT ACT WITH SKIN AND IF SWALLOWED (R.20/21/22). KEEP OUT OF REACH OF CHILDREN (S.2). KEEP A WAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF S (S.13).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).		APR1986	OJEC** L144, 1, 1984
GBR	REG	LABEL - -	RQR RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986	GBRSI* 17, 1, 1983
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR TH E IMPORT AND/OR MANUFACTURE OF THE INSECTICID ES LISTED (INCL. THIS SUBSTANCE). LICENSES FO R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE MENTS CONCERNING PACKAGING, LABELLING, TRANS PORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.		01AUG1971	MAY1984 INDIA* -, -, 1968

JUN1986 JPACR* -, -, 1983
 APR1986 PFBEK* -, -, 58, 1986

APR1983 CFRUS* 40, 269, 1981

APR1983 CFRUS* 40(180), 152, 1981

JPN	REG	USE	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE
SWE	REG	SALE USE LABEL STORE CLASS		PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, ST ORAGE, HANDLING AND USE OF THE PESTICIDE FORM ULATIONS ARE LAID DOWN BY THE PRODUCTS CONTRO L BOARD, WHICH ALSO CLASSIFIES EACH FORMULATI ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ ED TO USE SUCH FORMULATIONS. EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED BEFOR E HARVEST ON CERTAIN SPECIFIED PLANT PRODUCTS ; (AMENDED: FERAC 47, 20307, 1982) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR ODUCTS): 2-4MG/KG
USA	REG	FOOD FEED		ARL	
USA	REG	FOOD FEED	AGRIC	ARL	

11/444

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

GZ1950000 BIOALLETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	USE AGRIC GOODS	PRO PRMT	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED IN FORMULATIONS OF 1-4% (W/W), 0.5-1% (W/V).		AUG1985	SBTAP# - , 8, 1984
CSK	REG	USE AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR# - , -, 1981

Handwritten notes and signatures are present in the lower right quadrant of the page, including a signature that appears to read "John J. ...".

HP3500000 TCDD

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR		MAY1982	BCBL** IS. 772, 777-779, 1980
EEC	REG	MANUF USE	INDST	CLASS RQR	8JAN1984	DEC1982	OJEC** L230, 1, 1982
EEC	REG	GOODS		PRO		JUN1986	OJEC** L149, 38, 1986
SWE	REG	CLASS LABEL		CLASS RQR	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE		RQR	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	AQ WASTE	EMI WASTE	RQR	18JUL1980	MAY1983	CFRUS* 40 (122.53), 121, 1981

IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.

LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=1 KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY.

2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN (EXCEPT AS AN IMPURITY OF HEXACHLOROPHENE) MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.

EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 - AS LAST AMENDED BY THE REFERENCE GIVEN, INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.

AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))

CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT WHO MANUFACTURES

RES OR USES 2,4,5-T, SILVEX, ERBON, RONNEL, T
 CP OR HCP. INSPECTION, MONITORING AND REPORTI
 NG REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPE
 CIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, D
 ISCHARGE OF THE SUBSTANCE MUST BE REPORTED, IF
 IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVE
 LS: A) 100UG/L, B) 5 TIMES THE MAXIMUM CONC R
 EPORTED IN THE APPLICATION, C) THE LEVEL ESTA
 BISHED BY THE EPA DIRECTOR. (AMENDED: FERECAC
 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982;
 48, 14146, 1983)

TCDD IS AMONG OTHERS CLASSIFIED AS TOXIC POLL
 UTANTS FOR WHICH EPA IS REQUIRED TO SET OR HA
 S SET EFFLUENT LIMITATIONS AND PRETREATMENT S
 TANDARDS FOR 21 MAJOR INDUSTRIES.
 (AMENDED: FERECAC 47, 42688, 1982) (FURTHER LIMI
 TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL
 AR INDUSTRIES: FERECAC 46, 57286, 1981; 47, 23258
 , 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260
 , 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382
 , 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290
 , 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598
 , 1982; 48, 1769, 1983; 48, 2774 , 1983; 48, 13176
 , 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848
 , 1982; 47, 55226, 1982; 48, 15382, 1983)
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED
 , WHEN DETERMINING WHETHER THIS SUBSTANCE IS
 CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC
 /MS OR GC WITH ELECTRON CAPTURE DETECTION. AP
 PLIES TO CHLORINATED DIBENZODIOXINS)
 ANY SOLID WASTE (EXCEPT DOMESTIC) CONTAINING
 THIS SUBSTANCE MUST BE LISTED AS HAZARDOUS WA
 STE (SUBJECT TO REGULATION AND NOTIFICATION
 REQUIREMENTS) UNLESS ASCERTAINED THAT THE WAS
 TE CANNOT POSE A THREAT TO HUMAN HEALTH OR TO
 THE ENVIRONMENT IF IMPROPERLY MANAGED. (INTER
 IM FINAL RULE, AMENDMENT OF CFR 40(261))

JUL1983 CFRUS* 40(403), 8, 1981

APR1983 CFRUS* 40(261), 376, 1981

15JUL1985 OCT1985 FERECAC 50, 1978, 1985

USA	REG	AQ	EMI	CLASS	WASTE	MXL	
USA	REG	WASTE	RQR				
USA	REG	WASTE	RSTR	CLASS			
			RQR				

HX7680000 POTASSIUM DICHROMATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	LABEL	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS ETC. SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%) (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	APR1986	GMBL** 11(G3191A),173,1985
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). DO NOT BREATHE DUST (S 22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). THAT CONTAINS POTASSIUM DICHROMATE AT CONC'S >=0.5% SHALL BE CONSIDERED AS IRRITANT.	APR1986	OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.	APR1986	OJEC** L147,11,1983
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	APR1986	GBRSI* 17,1,1983
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	IMCOC* 4,10003,1977
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO DICHROMATES)	JUL1983	JPPDL* -, -,

23NOV1983 OCT1984 STNAF* 1983:6,1,1983
 APR1986 PFBEK* -,58,1986

CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE
 PRMT THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST
 PRMT ICIDE FORMULATIONS WHICH ARE REGISTERED AT
 RQR THE PRODUCTS CONTROL BOARD AND THEREFORE MAY
 RQR BE MARKETED AND USED. RULES FOR LABELLING, ST
 CLASS ORAGE, HANDLING AND USE OF THE PESTICIDE FORM
 CLASS ULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL
 BOARD, WHICH ALSO CLASSIFIES EACH FORMULATI
 ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST
 HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM
 ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ
 ED TO USE SUCH FORMULATIONS.

JUL1983 CFRUS* 16(1500), 339, 1982

RQR CERTAIN SOLID FUEL PELLETS FOR PROPELLING MOD
 EL JET PLANES, SPEED BOATS, RACING CARS, ETC.
 IF THEY CONTAIN NO MORE THAN 35% BY WEIGHT
 POTASSIUM DICHROMATE, WHERE OTHER STATED REQU
 IREMENTS ARE ALSO MET, ARE EXEMPT FROM THE BA
 N AS A HAZARDOUS PRODUCT UNDER THE HAZARDOUS
 PRODUCT REGULATION

JUL1983 CFRUS* 21(175), 130, 1981

PRMT ZINC-SILICON DIOXIDE MATRIX COATINGS WHICH AR
 E ALLOWED TO BE USED AS FOOD-CONTACT SURFACES
 OF ARTICLES INTENDED FOR USE IN PRODUCING, M
 ANUFACTURING, PACKAGING, PROCESSING, PREPARING,
 TREATING, PACKAGING, TRANSPORTING, OR HOLDIN
 G FOOD, MAY BE FORMULATED FROM THIS SUBSTANCE
 IF THE SUBSTANCE IS REMOVED BY WATER WASHING

MAY1983 CFRUS* 40(116), 33, 1981

CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
 S, AND SOLUTIONS AND MIXTURES CONTAINING THE
 SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST
 ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI
 LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI
 ON CONTROL ACT.

MAY1983 CFRUS* 40(117), 44, 1981

RQR UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT
 RSTR OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR
 ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US
 GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC
 E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL
 INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA
 L TO OR MORE THAN 454 KG IN ANY 24-HOUR PERI
 OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
 DERAL WATER POLLUTION CONTROL ACT.

SWE
 SWE
 REG CLASS
 REG SALE
 REG USE
 LABEL
 STORE
 CLASS

USA
 REG GOODS

USA
 REG FOOD

USA
 REG AQ
 EMI

USA
 REG AQ
 EMI
 RQR
 RSTR

RECOMMENDATIONS-LEGAL MECHANISMS

HX7700000 SODIUM DICHROMATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%) (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REG	LABEL	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%) (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. XI - IRRITANT - IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). DO NOT BREATHE DUST (S 22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). THAT CONTAIN SODIUM DICHROMATE AT CONC'S >=0.5% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	APR1986		GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT - IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). DO NOT BREATHE DUST (S 22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). THAT CONTAIN SODIUM DICHROMATE AT CONC'S >=0.5% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	APR1986		OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	PREPARATIONS (PAINTS, VARNISHES, ETC.) THAT CONTAIN SODIUM DICHROMATE AT CONC'S >=0.5% SHALL BE CONSIDERED AS IRRITANT. MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (PAINTS, VARNISHES, PRINTING INKS, ADHESIVES, AND SIMILAR PRODUCTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	APR1986		OJEC** L147, 11, 1983
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986		GBRSI# 17, 1, 1983
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	APR1986		IMCOC# 4, 10003, 1977
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO DICHROMATES)	JUL1983		JPPDL# -,-,

APR1986 PFBEK* -,58,1986

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THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.

PRMT
RQR
RQR
CLASS

SALE
USE
LABEL
STORE
CLASS

REG

SWE

MAY1983 CFRUS* 40(116),33,1981

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

CLASS

EMI

REG AQ

USA

MAY1983 CFRUS* 40(117),44,1981

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

RQR
RSTR

EMI

REG AQ

USA

11/451

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

HX7750000 SODIUM DICHROMATE, DIHYDRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (APPLIES TO DICHROMATES)	JAN1965	JUL1983	JPPDL# -,-,-

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IA3500000		N-NITROSODIETHYLAMINE					
DEU	REG	FOOD DRINK GOODS	MPC MPC	FROM PACIFIERS AND TEATS THE EXTRACTABLE AMOUNT OF NITROSAMINES IN THE ELASTOMER MAY NOT EXCEED 0.01MG/KG ELASTOMER WITH A NITRITE CONTAINING SALIVA SOLUTION DURING 24HOURS AT 40C. THE EXTRACTABLE AMOUNT OF SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2MG/KG ELASTOMERS.	01JAN1982	JUN1986	BGBL** IS. 1406, 1406, 1981
SWE	REG	CLASS LABEL	RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	EMI WASTE	AQ MXL	NITROSAMINES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 52226, 1982; 48, 15382, 1983)		JUL1983	CFRUS* 40(403), 8, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
1D5950000		DIETHYLENE GLYCOL					
CSK DEU	REG REC	AQ STORE TRNSP	CLASS CLASS	POISONOUS SUBSTANCE. THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. 0.8MG/M3 1X/D CLY: 10.0MG/M3 (VAPOUR, AEROSOL) 1.0MG/L MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	JUL1967	MAY1982 APR1986	SZCSR* 22,217,1967 GMBL** 11(G3191A), 173, 1985
SUN SUN SUN USA	REG REG REG REG	AIR AIR AQ FOOD USE	PSL MAC MAC PRMT		DEC1983 JUL1984 OCT1983	SEP1985 AUG1985 SEP1985 JUL1983	OBVAV* 2947-83, -, 1983 PKAD* 3054-84, -, 1984 PKVO* 2932-83, -, 1983 CFRUS* 21, 114, 1981
USA	REG	FOOD FEED	ARL			APR1986	CFRUS* 40(180.1001), 258, 1981
USA	REG	CLASS LABEL GOODS	RQR WARN			APR1986	CFRUS* 16(1500), 290, 1982
USA	REG	GOODS LABEL	RQR	CERTAIN CELLULOSE SPONGES WHICH CONTAIN NO MORE THAN 15% BY WEIGHT DIETHYLENE GLYCOL, WHERE OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM LABELLING REQUIREMENTS UNDER THE HAZARDOUS PRODUCT REGULATION CERTAIN RIGID WRITING INSTRUMENTS AND INK CARTRIDGES WHICH CONTAIN NO MORE THAN 1G DIETHYLENE GLYCOL PER INSTRUMENT OR CARTRIDGE, WHERE OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM LABELLING REQUIREMENTS UNDER THE HAZARDOUS PRODUCT REGULATION		APR1986	CFRUS* 16(1500), 332, 1982
USA	REG	GOODS LABEL	RQR			APR1986	CFRUS* 16(1500), 332, 1982

IE1225000 DIETHYLENETRIAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	LABEL	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DECREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS CORROSIVE WHEN THE CONCENTRATION IS >100 G/KG (10.0%), AND AS HARMFUL WHEN THE CONCENTRATION IS 10-100 G/KG (1.0-10.0%)	10CT1980	JUN1986 BGL** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR	(BGL I.S.1071, 1536/2159, 1980, AND BGL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). C - CORROSIVE. HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R.21/22). CAUSES BURNS (R.34). MAY CAUSE SENSITISATION BY SKIN CONTACT (R.43). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S.26). WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S.36/37/39). 8H-TWA: 4MG/M3 (1PPM). SKIN ABSORPTION. FOR LABEL AND PACKAGING SEE EEC (OJEC** L.106, 18, 1982) HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	APR1986	OJEC** L.106, 18, 1982
GBR	REC	AIR LABEL	RECL	0.2 MG/L	21FEB1983	OCT1985 GNHSE* EH40/85, 1, 1985 APR1986 GBRSI* 17, 1, 1983
IMO	REC	TRNSP LABEL	MARIN CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
SUN	REG	AQ SURF	MAC	0.01MG/M3 1X/D	OCT1983	SEP1985 PDKVO* 2932-83, -, 1983
SUN	REG	AIR AMBI	PSL	10-TWA: 4.5MG/M3 (1PPM); STEL(15M-TWA): 10MG/M3 (2PPM); SKIN ABSORPTION, SENSITIZATION.	DEC1983	SEP1985 OBUAV* 2947-83, -, 1983
SWE	REG	AIR OCC	HLV	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	1JAN1985	JAN1985 AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	UNTDG* -, 11, 1986
USA	REG	FOOD	PRMT	MAY BE USED AS A DEFOAMING AGENT IN THE MANUFACTURE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD TWA: 4 MG/M3 (1 PPM) (SKIN ABSORPTION) AMINE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES	JUL1983	CFRUS* 21, 177, 1981
USA	REG	AIR OCC	TLV	EPOXY RESIN SYSTEMS CONTAINING DIETHYLENETRIAMINE IN ANY CONC. IS A STRONG SENSITIZER AND THEREFORE A HAZARDOUS SUBSTANCE REQUIRING CERTAIN SPECIFIED CAUTIONARY LABELLING. (CERTAIN SPECIFIED PRODUCTS ARE EXEMPTED FROM SOME OF THE REQUIREMENTS.)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	AIR MANUF	RQR	SEARCH OF COMPANY FILES	JUN1983	FEREAC 48, 13178, 1983
USA	REG	CLASS LABEL GOODS	RQR	MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING AQUEOUS AND FATTY FOODS. (FOR USE ONLY AS A MODIFIER FOR AMINO RESINS)	JUL1983	CFRUS* 16(1500), 290, 1982
USA	REG	FOOD	PRMT	MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING AQUEOUS AND FATTY FOODS. (FOR USE ONLY AS A MODIFIER FOR AMINO RESINS)	JUL1983	CFRUS* 21(176), 153, 1981

11/455

JUL 1983 CFRUS* 21(176), 172, 1981

MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)

PRMT

REG FOOD

USA

LIBRARY

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
101575000	ENDRIN						
ARG	REG	USE	PRO	AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES.	19MCH1963	MCH1982	ARESA* 21,-,
ARG	REG	FOOD	MXL	0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073,-, 1969
ARG	REG	USE	PRO	OF TREATMENT OF NATURAL AND ARTIFICIAL MEADOWS.	10JUN1969	MCH1982	ADECG* 2678,-,
ARG	REG	TRNSP STORE PACK LABEL	RSTR	RÉGULATIONS ON TRANSPORT, STORAGE, PACKAGING AND LABELLING.	10JUN1969	MCH1982	ADECG* 2678,-,
ARG	REG	USE	PRO	IN CULTIVATION, COMMERCE AND INDUSTRIAL PRODUCTION OF TOBACCO.	20DEC1971	MCH1982	ADISS* 80,-, 1971
ARG	REG	USE	PRO	AS ANTIWEEVIL AGENT ON SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47,-, 1972
ARG	REG	GOODS	MXL	TOBACCO 0 MG/KG.	20DEC1971	MCH1982	ADISS* 80,-, 1971
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	1MAY1968	MCH1982	ADECA* 2143,-, 1968
ARG	REG	USE	AGRIC	IN INDUSTRIAL CROPS, VEGETABLES FRUITS AND FOREST TREES	09OCT1978	MAY1985	ADISS* 12,-, 1978
ARG	REG	USE	AGRIC	IN CEREALS AND OIL SEEDS	MAY1985	ADISS* 79/72,-	
ARG	REG	USE	AGRIC	PERMITTED FOR NEST TREATMENTS AGAINST PARROTS AND PARAKEETS. REGULATION OF SALE.	07AUG1980	MAY1985	ADISS* 17,-, 1980
ARG	REG	SALE	RQR	OF LIQUID FORMULATIONS	24JUN1980	MAY1985	ARESA* 404,-, 1980
ARG	REG	USE	AGRIC	PERMITTED FOR USE AS AN AVICIDE (20% A.I.) FOR OFFICIAL ORGANIZATIONS	MAY1985	ARESA* 207/83,-,	
ARG	REG	USE	AGRIC	TO INCLUDE IN THE LABEL "INSECTICIDE DANGEROUS TO BEES"	MAY1985	ARESA* 21/57,-,	
BRA	REG	FOOD USE GOODS	AL PRMT AGRIC PRO	PLANT (SPECIFIED): 0.02-1MG/KG; SECURITY INTERVAL: 30-45 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. DANGEROUS POISONOUS SUBSTANCE OF ANIMAL ORIGIN (SPECIFIED): 0.1MG/KG WWT, 0.02-0.2MG/KG LWT			AUC1985 SBTAP* -, 1, 1984
CSK	REG	FOOD	CLASS	USE IN DOMESTIC SANITATION: NOT AUTHORIZED. DANGEROUS POISONOUS SUBSTANCE OF ANIMAL ORIGIN (SPECIFIED): 0.1MG/KG WWT, 0.02-0.2MG/KG LWT	JUL1967	MAY1982	SZCSR* 22.217, 1967
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (GENERAL): 0.01MG/KG WWT WIT H DELTA-KETOENDRIN, AS ENDRIN (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBl. I S. 1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I S. 635, 635-643, 1984
DEU	REG	AIR	OCC	8H-TWA: 0.1MG/M3; 30MI-STEL: 1.0MG/M3 AVERAGE VALUE, 1X/SHIFT. (CUTANEOUS ABSORPTION).			JAN1986 DFSK** XXI, 16, 1985
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 0.1 MG/KG; PLANT (GENERAL) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG (BGBl. I S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I S. 635, 635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR	- BGBl. I S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBl. I S. 1071, 1536/2159, 1980, AND BGBl. I S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I S. 140, 140, 1982

29APR1984 JUN1986 BGBL** IS.635,635-643,1984

TOBACCO: 0.3MG/KG.
(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG
- BGBL IS.745,1982 - AS LAST AMENDED BY THE
REFERENCE GIVEN)

DEU MRL

1JAN19781 MAY1982 BGBL** IS 1136,1136,1981

IT IS PROHIBITED TO APPLY SOLUTIONS OF 99% PU
RITY OR MORE AGAINST PARASITES ON HORSE, CATT
LE, SWINE, GOAT AND SHEEP
IT IS PROHIBITED TO APPLY AGAINST PARASITES O
N POULTRY

DEU PRO

IT IS PROHIBITED TO APPLY TO THE UDDER OF LAC
TATING HORSES, COWS, SHEEP AND GOATS AT CONCE
NTRATIONS EXCEEDING THE MRLS-SET FOR MILK AND
MILK PRODUCTS

DEU PRO

08AUG1982 SEPT1986 BGBL** IS.1125,-,1982
APR1986 OJEC** L.106,18,1982

PROHIBITED FOR USE IN PLANT PROTECTANTS.
T - TOXIC. VERY TOXIC BY INHALATION, IN CONT
ACT WITH SKIN AND IF SWALLOWED (R 26/27/28).
KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD,
DRINK AND ANIMAL FEEDING STUFFS (S 13). AFTE
R CONTACT WITH SKIN, WASH IMMEDIATELY WITH PL
ENTY OF ... (TO BE SPECIFIED BY THE MANUFACTU
RER) (S 45). IN CASE OF ACCIDENT OR IF YOU F
EEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY
(SHOW THE LABEL WHERE POSSIBLE) (S 45).
SUBSTANCE WHICH MUST NOT FORM PART OF THE COM
POSITION OF COSMETIC PRODUCTS. THE MARKETING
OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE
IS PROHIBITED.

EEC PRO

JUN1986 OJEC** L149,38,1986

EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976
AS LAST AMENDED BY THE REFERENCE GIVEN.

EEC MRL

1JUL1984 DEC1982 OJEC** L234,1,1982
1JAN1986 APR1986 OJEC** L154,48,1985

MEMBER STATES SHALL ENSURE THAT PLANT PROTECT
ION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE
ALONE OR IN COMBINATION WITH OTHER ACTIVE
SUBSTANCES LISTED MAY NEITHER BE PLACED ON TH
E MARKET NOR USED, EXCEPT AS AN ACARICIDE ON
CYCLAMEN. OJEC L33,36,1979; OJEC L91,35,1983
(FOR LATEST AMENDMENT SEE REFERENCE).

EEC PRO

APR1986 OJEC** L144,1,1984

PESTICIDE PREPARATIONS WHICH CONTAIN
ENDRIN ARE CLASSIFIED INTO CLASS I A, B, C, D, E
I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC
AT CONCS. >1% AND AS HARMFUL AT >0.05-1%.
MEMBER STATES SHALL ENSURE THAT PESTICIDES CA
NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC
KAGING, FASTENINGS AND LABELS COMPLY WITH THE
REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78
/631/EEC - OJEC L206,13,1978 AS LAST AMENDED
BY THE REFERENCE GIVEN).

EEC CLASS

MCH1982 FPPDD 11,23,1978
MCH1982 FPPDD 11,23,1978

0.2 MG/KG BY
COTTONSEED, COTTONSEED OIL (CRUDE) 0.1 MG/KG;
APPLES, BARLEY, CORN (SWEET), EDIBLE COTTONSE
ED OIL, RICE (HUSKED AND/OR POLISHED), SORGHU
M, WHEAT 0.02 MG/KG. (WITH DELTAKETO-ENDRIN)
FAT OF POULTRY 1 MG/KG; EGGS (SHELL-FREE) 0.2
MG/KG; FAT OF MEAT 0.1 MG/KG; MILK AND MILK
PRODUCTS (FAT BASIS) 0.02 MG/KG. (WITH DELTAK
ETO-ENDRIN)

FAO/WHO REC

AD1

MRL

OCT1985 GNHSE* EN40/85,1,1985

8H-TWA: 0.1MG/M3. STEL(10M1-TWA): 0.3MG/M3.
SKIN ABSORPTION.

GBR RECL

JAN1983 GBRSI* 217,218,1,1982

S CONCERNING LABELLING, CONTAINERS, STORAGE A
ND TRANSPORT ARE LAID DOWN.

GBR RQR

RQR

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RQR

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TRNSP

GBR	REG	SALE STORE	RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077,1,1985
GBR	REG	LABEL - PACK -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).	01JAN1986	FEB1986	GBRSI* 17,1,1983
GBR	REG	LABEL - PACK -	RQR RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077,1,1985
GBR	REG	SALE	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)	01JAN1986	FEB1986	GBRSI* 1077,1,1985
GBR	REG	CLASS SALE	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST.	1APR1982	JAN1983	GBRSI* 217,1,1982
GBR	REC	USE	AGRIC PRO	USE AS AN ACARICIDE IN AGRICULTURE AND HORTICULTURE WITHDRAWN (1984) BECAUSE OF ITS HIGH ACUTE TOXICITY TO MAN AND WILDLIFE AND ITS PERSISTENCE IN THE ENVIRONMENT (POTENTIAL TO ACCUMULATE IN BIRDS, FISH AND OTHER ANIMALS)	01OCT1984	JAN1986	GBCPR* -,1749,1983
GBR	REC	STORE	AGRIC PRO	SHOULD NOT BE USED AS AN INSECTICIDE IN ANY FORMULATION IN FOOD STORAGE PRACTICE IN GREAT BRITAIN.	APR1986	GBCPR* -,144,1966	
GBR	REC	USE	AGRIC RQR	PRECAUTIONS TO BE TAKEN, INCLUDING WEARING OF PROTECTIVE CLOTHING WHEN THIS SPECIFIED SUBSTANCE IS USED IN AGRICULTURE, ARE PRESCRIBED. THESE REGULATIONS (THE HEALTH AND SAFETY) POISONOUS SUBSTANCES IN AGRICULTURE REGULATIONS 1984 PROTECT EMPLOYED PERSONS AS WELL AS THE SELF-EMPLOYED. (SEE ALSO 'POISONOUS CHEMICALS ON THE FARM' BOOKLET. ISBN 011883414 2).	29AUG1984	AUG1986	GBRSI* 1984:1114,1,1984
IMO	REC	TRNSP LABEL MARIN LABEL CLASS PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE; II = SUBSTANCE PRESENTING MEDIUM DANGER; III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MIXTURES, DRY OR LIQUID)	SEP1982	IMCOC* 4,10003,1977	
IMO	REC	TRNSP LABEL MARIN LABEL CLASS PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCENTRATIONS LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC* 111,6147,1977	
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE EXPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.	01AUG1971	MAY1984	INDIA* -, -,1968

JPN	REG	MANUF USE	CLASS PRO RSTR	DESIGNATED AS A SPECIFIED CHEMICAL SUBSTANCE - WITHOUT THE AUTHORIZATION FROM THE GOVERNMENT THE MANUFACTURE AND IMPORT ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORT OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.	DEC1982 JPNCO* 20CT, -, 1981
JPN	REG	FOOD LABEL SALE	ARL CLASS RQR RSTR	SPECIFIED PLANT PRODUCTS : ND THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS POISONOUS.	JUL1983 JPNFS* -, -, JUL1983 JPPDL* -, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.02-1.0 MG/KG.	SEP1982 GSKEN* 40,410,1978
MEX	REG	AQ	MPC	ION 0.001 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION	OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	MPC	0.2 UG/L IN COASTAL WATERS	OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	MPC	0.002 MG/L IN ESTUARIES	OCT1982 DOMEX* 29 MCH,1167,1973
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 0.02MG/KG	JUN1986 STLIF* 1984:13,1,1984
SWE	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.002-0.1 MG/KG (INCL. DELTA KETOENDRIN)	JUL1983 STLIF* 1983:1,1,1983
SWE	REG	USE	AGRIC PRO	BANNED BECAUSE OF ITS HIGH ACUTE TOXICITY AND ENVIRONMENTAL IMPACT.	SEP1986 PKB*** 20SEP, -, 1966
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->5%: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 5->0% (SOLID OR LIQUID). BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.0002 MG/L TWA: 0.1MG/M3; STEL: 0.3MG/M3 (SKIN ABSORPTION). (STEL VALUE INTENDED TO BE DELETED). A LESSEE OR OWNER MAY NOT PERMIT FARM FIELDWORKERS, NOT WEARING PROTECTIVE CLOTHING, TO ENTER A FIELD TREATED WITH A PESTICIDE CONTAINING THIS SUBSTANCE AS AN ACTIVE INGREDIENT FOR AT LEAST 48 HOURS AFTER APPLICATION ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46.35246, 1981; 46.47429, 1981; 46.56582, 1981 (INTERIM); 47.36097, 1982; 48.2532, 1983 (INTERIM); 48.11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO ENDRIN AND ITS METABOLITES)	MAY1986 UNTDC* -, 203, 1986
USA	REG	AQ	DRINK MPC		JUL1983 CFRUS* 21,52, 1981
USA	REG	AIR	OCC TLV		SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	USE	OCC RSTR		10MAY1974 APR1983 CFRUS* 40,116, 1981
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980 JUL1983 CFRUS* 40,358, 1981
USA	REG	USE LABEL	RSTR CLASS RQR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CONTAINING THE SUBSTANCE AS AN ACTIVE INGREDIENT ARE CLASSIFIED FOR RESTRICTED USE. THEY ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR, AND MUST BE SO LABELLED ALONG WITH THE WORDS "RESTRICTED USE PESTICIDE" AND A SUMMARY OF THE TERMS OF RESTRICTIONS	4AUG1975 APR1983 CFRUS* 40(162.31),55, 1981

USA	REG	FOOD FEED	AGRIC	ARL		RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0 MG/KG UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE. OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	APR1983 CFRUS* 40(180), 152, 1981 MAY1983 CFRUS* 40(117), 44, 1981
USA	REG	WASTE		RQR		WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH HALIDE SPECIFIC DETECTOR)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	WASTE		MPC CLASS RSTR		ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 0.02 MG/L OF THIS SUBSTANCE	APR1983 CFRUS* 40(261), 360, 1981
USA	REG	WASTE - AQ	DRINK	MPC		FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF ENDRIN IN GROUND WATER TO EXCEED 0.0002 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.	15OCT1979 APR1983 CFRUS* 40(257), 332, 335, 1981
USA	REG	WASTE		RQR		AN OWNER OR OPERATOR OF A HAZARDOUS WASTE GENERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO ENDRIN AND ITS METABOLITES)	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	AQ	EMI	CLASS		THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981.
USA	REG	WASTE - AQ	GRND	RQR		AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYPES OF HAZARDOUS WASTE STORAGE, TREATMENT OR DISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE. (AMENDED: FER EAC 47, 1254, 1982 (INTERIM); 47, 7842, 1982 (INTERIM); 47, 32274, 1982)	19NOV1980 APR1983 CFRUS* 40 (265), 483/536, 1981
USA	REG	AIR	OGC	PEL		FORMULATORS OF THE SUBSTANCE (WHO PRODUCE OR PROCESS THE SUBSTANCE INTO SPECIFIED PESTICIDES) ARE PROHIBITED FROM DISCHARGING ANY PESTICIDE WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS. DISCHARGES OF EXITING MANUFACTURERS OR USERS OF THE SUBSTANCE MUST NOT CONTAIN THE SUBSTANCE IN CONCENTRATIONS EXCEEDING 1.5UG/L (AVERAGE PER WORKING DAY OVER ANY CALENDAR MONTH), 0.0006 KG/KG (MONTHLY AVERAGE DAILY LOADING PER KG OF THE SUBSTANCE PRODUCED), AND 7.5 UG/L IN SAMPLE(S) REPRESENTING ANY WORKING DAY. DISCHARGES OF NEW MANUFACTURERS OR USERS OF THE SUBSTANCE MUST NOT CONTAIN THE SUBSTANCE IN CONCENTRATIONS EXCEEDING 0.1 UG/L (AVERAGE PER WORKING DAY	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981 12JAN1977 MAY1983 CFRUS* 40(129), 285, 1981

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OVER ANY CALENDAR MONTH), 0.00004KG/KKG (MONTHLY AVERAGE DAILY LOADING PER KKG OF THE SUBSTANCE PRODUCED), AND 0.5 UG/L (IN SAMPLE(S) REPRESENTING ANY WORKING DAY IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM, TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR ENDRI THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 1, AND THE REACTIVITY VALUE IS 0

USA REG WASTE CLASS 10DEC1982 JUN1983 FERECAC 47, 31319, 1982

101750000 DIELDRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
ARG	REG	USE	PRO	AS SCABICIDE IN SHEEP IN SOME PARTS OF THE PROVINCE OF BUENOS AIRES.	19MCH1963	MCH1982 ARESA* 21, -
ARG	REG	USE	PRO	AS TUCURICIDE (GLOW-WORM KILLER).	21FEB1968	MCH1982 ADECS* 647, -
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	30APR1968	MCH1982 ADECA* 2143, -
ARG	REG	USE	PRO	IN TREATMENT OF NATURAL AND ARTIFICIAL MEADOWS; IN TREATMENT OF CATTLE, SHEEP, GOATS, SWINE AND HORSES; IN HUMAN FOOD PRODUCTS OF ANIMAL AND PLANT ORIGIN.	27MCH1969	MCH1982 ALEYP* 18073, -
ARG	REG	FOOD	MXL	0-0.25 MG/KG (FOOD). 0 MG/KG (FEED).	27MCH1969	MCH1982 ALEYP* 18073, -
BRA	REG	FOOD	MXL	PLANT (SPECIFIED) : 0.01-0.2 MG/KG	AUG1982	CDABR* 2, -
CSK	REG	FOOD	AL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.02-0.2MG/KG (MILK AND MEAT PRODUCTS CALCULATED ON FAT BASES).	OCT1978	HPMZY* 43, -
CSK	REG	FOOD	MRL	DANGEROUS POISONOUS SUBSTANCE OF ANIMAL ORIGIN(SPECIFIED): 0.1-1.0MG/KG LWT	JUL1967	MAY1982 SZCSR* 22, 217, 1967
DEU	REG	FOOD	ANI	0.1MG//KG WMT WITH ALDRIN, CALCULATED AS DIELDRIN	29APR1984	JUN1986 BGBL** IS.635, 635-643, 1984
DEU	REG	USE	PRO	(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL IS.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	1JAN1978	MAY1982 BGBL** IS 1136, 1136, 1981
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY SOLUTIONS OF 99% PU RITY OR MORE AGAINST PARASITES ON HORSE, CATTLE, SWINE, GOAT AND SHEEP		
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY AGAINST PARASITES ON POULTRY		
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY TO THE UDDER OF LACTATING HORSES, COWS, SHEEP AND GOATS AT CONCENTRATIONS EXCEEDING THE MRLS SET FOR MILK AND MILK PRODUCTS		
DEU	REG	USE	SEL	NOT REGISTERED AS A PESTICIDE		
DEU	REG	USE	SEL	PLANT (SPECIFIED) 0.1 MG/KG; PLANT (GENERAL) 0.01 MG/KG. (WITH ALDRIN)	29APR1984	JAN1986 DFSK** XXI, 16, 1985
DEU	REG	USE	SEL	(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).		
DEU	REG	AIR	MAK	8H-TWA: 0.25MG/M3; 30MI-STEL: 2.5MG/M3 AVERAGE VALUE, 1X/SHIFT. (CUTANEOUS ABSORPTION).		
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		
DEU	REG	LABEL	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCLUDING CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.		
DEU	REG	LABEL	RQR	(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S.2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).		
DEU	REG	GOODS	MRL	TOBACCO: 0.3MG/KG (WITH ALDRIN, CALCULATED AS DIELDRIN)	10CT1980	JUN1986 BGBL** IS.635, 635-643, 1984
DEU	REG	GOODS	MRL	(PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL IS.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)		

DEU EEC	REG REG	USE LABEL PACK	AGRIC PRO RQR	PRO RQR	1974	SEP1986 BGL** IS.2335, -, 1980 APR1986 OJEC** L.106,16,1982
EEC	REG	USE SALE	AGRIC PRO	PRO	1JAN1986	APR1986 OJEC** L154,48,1985
EEC	REG	CLASS PACK LABEL SALE		CLASS RQR RQR RSTR		APR1986 OJEC** L144,1,1984
EEC	REG	AQ	DRINK	RQR	25JUL1977	APR1986 OJEC** L194,26,1975
FAO/WHO REC	REC	FOOD	SURF	RQR		MCH1982 FPPDD 11,7,1978
FAO/WHO REC	REC	FOOD	FRESH	RQR		MCH1982 FPPDD 11,7,1978
GBR	REC	LABEL PACK		RQR		APR1986 GBRSI* 17,1,1983
GBR	REC	AIR		OCC RECL		OCT1985 GNHSE* EH40/85,1,1985
GBR	REC	USE		INDST RSTR		JAN1986 GBCPR* -,1421,1980
GBR	REC	USE STORE FOOD		AGRIC RSTR		APR1986 GBCPR* -,60,1966
GBR	REC	USE STORE FOOD		AGRIC RSTR	30SEP1971	APR1986 GBCPR* -,726,1970
GBR	REC	USE STORE FOOD		AGRIC RSTR	1JAN1978	APR1986 GBCPR* -,1356,1978

PROHIBITED FOR USE IN PLANT PROTECTANTS.
 T - TOXIC. TOXIC BY INHALATION. IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). MEMBER STATES SHALL ENSURE THAT PLANT PROTECT ION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. OJEC L33.36,1979; OJEC L91.35,1983 (FOR LATEST AMENDMENT SEE REFERENCE) PESTICIDE PREPARATIONS WHICH CONTAIN DIELDRIN ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN)
 QUALITY STANDARD FOR TOTAL PESTICIDES (PARATH ION, BHC, DIELDRIN) IN SURFACE WATER INTENDED F OR THE ABSTRACTION OF DRINKING WATER : 0.001 MG/L FOR SIMPLE WATER TREATMENT METHODS, 0.002 5 MG/L FOR NORMAL METHODS AND 0.005 MG/L FOR INTENSIVE METHODS
 MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.
 0.1 UG/KG BW (WITH ALDRIN)
 POTATOES 0.2 MG/KG; ASPARACUS, AUBERGINES, BR OCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWE R, CUCUMBERS, HORSE RADISH, ONIONS, PARSNIPS, PEPPERS, PIMENTOS, RADISHES, RADISH TOPS 0.1 MG/KG; FRUIT 0.05 MG/KG; RICE (IN HUSK) 0.02 MG/KG. (WITH ALDRIN, EXPRESSED AS DIELDRIN) CARROTS, LETTUCE, FAT OF MEAT 0.2 MG/KG; MILK AND MILK PRODUCTS (FAT BASIS) 0.15 MG/KG; EG GS (SHELL-FREE) 0.1 MG/KG; RAW CEREALS (OTHER THAN RICE) 0.02 MG/KG. (WITH ALDRIN, EXPRESS ED AS DIELDRIN)
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).
 8H-TWA: 0.25MG/M3. STEL(10MI-TWA): 0.75MG/M3.
 SKIN ABSORPTION PERMITTED FOR THE PRETREATMENT OF TIMBER (IND USTRIAL USE).
 DIELDRIN SHOULD NOT BE USED IN BAITS FOR WASP CONTROL IN AGRICULTURE, HORTICULTURE, HOME GARDENS OR IN FOOD STORAGE PRACTICE IN GREAT BRITAIN.
 DIELDRIN SHOULD NOT BE USED BY HOUSEHOLDERS FOR CONTROL OF INSECT PESTS IN HOME KITCHENS AND LARDERS.
 DIELDRIN SHOULD NOT BE USED IN FOOD STORAGE PRACTICE EXCEPT WHEN FORMULATED AS AN INSECT ICIDAL LACQUER, COATING OR PAINT FOR USE IN THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS.

GBR	REC	USE	AGRIC	RSTR	DESCRIPTION	DATE	REG
		STORE FOOD			DIELDRIIN USE PERMITTED IN FOOD STORAGE PRACTICE ONLY WHEN FORMULATED AS AN INSECTICIDAL LACQUER, COATING OR PAINT FOR THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS. (ALL OTHER USES IN FOOD STORAGE PRACTICE WITH DRAWN).	APR1986	GBCPR* -, 970, 1972
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCS LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC* -, 6147, 1977
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCS LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC* 111, 6147, 1977
IND	REG	FOOD	SEL	MTC	SPECIFIED FOOD PRODUCTS : 0.01-0.2 MG/KG INCL . ALDRIN, EXPRESSED AS DIELDRIN	15MAY1976	DEC1982 PFAIN* -, 70, 1981
IND	REG	IMPRT MANUF SALE LABEL STORE		RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE E IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. DESIGNATED AS A 'SPECIFIED CHEMICAL SUBSTANCE' WITHOUT THE AUTHORISATION FROM THE GOVERNMENT THE MANUFACTURE AND IMPORT ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORT OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.	01AUG1971	MAY1984 INDIA* -, -, 1968
JPN	REG	MANUF USE		CLASS PRO RSTR	THE AMOUNT OF DIELDRIN SHOULD BE LESS THAN 30 UG/G IN TEXTILE PRODUCTS SUCH AS DIAPER COVER, UNDERWEAR, SLEEPWEAR, GLOVES, HOSIERY, INTERMEDIATE WEAR, OUTER WEAR, CAP, HAT, BEDDING, CARPET AND KNITTING WOOL. (GC WITH ELECTRON-CAPTURE DETECTOR)	DEC1982	JPNCO* 20CT, -, -, 1981
JPN	REG	GOODS		MPC	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	10CT1978	JUL1983 CHPHS* -, -, 1977
JPN	REG	CLASS LABEL SALE		RQR RSTR	SPECIFIED PLANT PRODUCTS : ND - 0.02MG/KG (IN CLUDING DIELDRIN AND ALDRIN)	JUL1983	JPPDL* -, -,
JPN	REG	FOOD		ARL	THE MAXIMUM PERMITTED DIELDRIN CONTENT IN KNITTING, WOOLLEN YARN AND TEXTILE PRODUCTS (DIAPER COVERS, UNDERWEAR, SLEEPWEAR, GLOVES, HOSIERY, INTERMEDIATE WEAR, OUTER WEAR, CAP, HAT, BEDDING AND CARPET)	JUL1983	JPNFS* -, -,
JPN	REG	USE GOODS		MRL	THE MAXIMUM PERMITTED DIELDRIN CONTENT IN KNITTING, WOOLLEN YARN AND TEXTILE PRODUCTS (DIAPER COVERS, UNDERWEAR, SLEEPWEAR, GLOVES, HOSIERY, INTERMEDIATE WEAR, OUTER WEAR, CAP, HAT, BEDDING AND CARPET)	NOV1985	CHPHS* -, -, 1982
KEN MEX	REG	FOOD AQ	AMBI	MXL MPC	SPECIFIED FOOD PRODUCTS: 0.02-0.2 MG/KG. 0.017 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION	SEP1982	GSKEN* 40, 410, 1978
KEN MEX	REG	FOOD AQ	AMBI	MXL MPC	SPECIFIED FOOD PRODUCTS: 0.02-0.2 MG/KG. 0.017 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX SUN	REG	AQ AQ AIR	AMBI OCC	MPC MAC	0.003 MG/L IN ESTUARIES 0.3 UG/L IN COASTAL WATERS CLV : 0.01 MG/M3 (VAPOUR + AEROSOL)	27JUN1973 27JUN1973 JAN1977	DOMEX* 29 MCH, 1167, 1973 DOMEX* 29 MCH, 1167, 1973 GOSTS* 12.1.005, -, 1976

SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 0.05MG/KG (INCL. ALDRIN)	01JAN1985	JUN1986	STLIF*	1984:13,1,1984
SWE	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.005-0.1 MG/KG (INCL. A	1MCH1983	JUL1983	STLIF*	1983:1,1,1983
SWE	REG	USE	AGRIC PRO	ALL USES AS A PESTICIDE HAVE BEEN BANNED BECA	27MAR1969	SEP1986	PKB***	27MAR,-,1969
UN	REC	TRNSP LABEL PACK	CLASS	USE OF HIGH ACUTE TOXICITY AND ENVIRONMENTAL IMPACT.	MAY1986	UNTDG*	-	203,1986
USA	REC	AIR	TLV	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	SEP1985	ACGIH*	1984-85,9,1984	
USA	REC	WASTE	RQR	PACKING GROUP:	JUL1983	CFRUS*	40(264),455,1981	
USA	REC	AQ	EMI WASTE	II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->75%;	18JUL1980	MAY1983	CFRUS*	40(122.53),121,1981
				III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 75-19% (SOLID) OR 75-7% (LIQUID).				
				TWA: 0.25MG/M3; STEL: 0.75MG/M3 (SKIN ABSORPTION) (STEL VALUE INTENDED TO BE DELETED)				
				AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))				
				PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FER EAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)				
USA	REG	AQ	EMI WASTE	POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET ORNT STANDARDS FOR 21 MAJOR INDUSTRIES.	JUL1983	CFRUS*	40(403),8,1981	
				(AMENDED: FER EAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FER EAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983)				
USA	REG	AQ WASTE	EMI PRO	(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983)	12JAN1977	MAY1983	CFRUS*	40,285,1981
				MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS.				
USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD-RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE DIELDRIN IS RATED AS A HIGHLY PERSISTENT COMPOUND	10DEC1982	JUN1983	FEREAC	47,31230,1982

USA	REG	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983	CFRUS#	40(261), 367, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMALS PRODUCTS) : 0-0.1 MG/KG (INCL. ALDRIN)	APR1983	CFRUS#	40(180), 152, 1981	
USA	REG	WASTE	RSTR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983	CFRUS#	40(261), 358, 1981
USA	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS#	40(116), 33, 1981	
USA	REG	AQ	EMI	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS#	40(117), 44, 1981	
USA	REG	AIR USE	PEL	TWA: 0.25 MG/M3, SKIN ABSORPTION	JUN1974	APR1983	CFRUS#	29(1910), 673, 1981
USA	REG	OCC AGRIC	PRO	THE ENVIRONMENTAL PROTECTION AGENCY HAS CANCELLED ALL USES EXCEPT THOSE IN THE FOLLOWING LIST: SUBSURFACE GROUND INSERTION FOR TERMITE CONTROL; DIPPING OF NON-FOOD ROOTS AND TOPS; MOTH-PROOFING BY MANUFACTURING PROCESSES IN A CLOSED SYSTEM. THE EPA HAS DETERMINED THAT DIELDRIN POSES THE FOLLOWING RISKS TO HUMANS AND THE ENVIRONMENT: 1) ONCOGENICITY; 2) FETO TOXIC AND TERATOGENIC EFFECTS; 3) FATALITIES TO ENDANGERED SPECIES; 4) SIGNIFICANT POPULATION REDUCTIONS IN NONTARGET ORGANISMS; 5) ACUTE TOXICITY TO WILDLIFE; 6) ACUTE HAZARDS TO HUMANS AND DOMESTIC ANIMALS THROUGH DERMAL EXPOSURE.	OCT1974	SEP1986	FEREAC	37, 37246, 1974
WHO	REC	AQ	DRINK GL	0.03 UG/L (INCL. ALDRIN)	MCH1983	WHODM#	- , 17, 1983	

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
102100000	ALDRIN						
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE	30APR1968	MCH1982	ADECA* 2143, -, 1968
ARG	REG	FOOD	MXL	0-0.1 MG/KG (FOOD). 0 MG/KG (FEED).	27MCH1969	MCH1982	ALEY* 18073, -, 1969
ARG	REG	FEED	MXL				
ARG	REG	USE	PRO	USE IN TOBACCO INDUSTRY AND COMMERCE.	20DEC1971	MCH1982	ADISS* 80, -, 1971
ARG	REG	AIR	OCC	TWA: 0.25 MG/M3; STEL: 0.75 MG/M3 (SKIN ABSORPTION).	22MAY1979	MCH1982	ADECT* 351, -, 1979
ARG	REG	USE	PRO	AS A SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES.	19MCH1963	MCH1982	ARESA* 21, -,
ARG	REG	USE	PRO	AS ANTI-VEEVIL AGENT ON SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -, 1972
ARG	REG	GOODS	MXL	TOBACCO 0 MG/KG.	20DEC1971	MCH1982	ADISS* 80, -, 1971
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 0.01-0.2MG/KG (EXPRESSED AS DIELDRIN); SECURITY INTERVAL: VARIABLE;			
BRA	REG	USE	PRMT	OTHER PLANT AND ANIMAL (SPECIFIED): 0.02-0.2MG/KG (NON-INTENTIONAL RESIDUE);			
BRA	REG	GOODS	PRO	PROVISIONAL TOXICITY CLASS: I, III (DEPENDENT ON FORMULATION) (I=MOST TOXIC, IV=LEAST TOXIC);			
CSK	REG	HUMAN	CLASS	USE IN AGRICULTURE: AUTHORIZED;	JUL1967	MAY1982	SZCSR* 22, 217, 1967
CSK	REG	FOOD	MRL	USE IN DOMESTIC SANITATION: NOT AUTHORIZED.	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	FOOD	MRL	DANGEROUS POISONOUS SUBSTANCE			
CSK	REG	FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.02-0.2MG/KG (CALCULATED AS DIELDRINE) (MILK AND MEAT PRODUCTS CALCULATED ON FAT BASES)			
DEU	REG	FOOD	ANI	OF ANIMAL ORIGIN (SPECIFIED): 0.1-1.0MG/KG LWT OF 0.1MG/KG WMT WITH DIELDRIN, CALCULATED AS DIELDRIN	JUN1984	JUN1986	BGBL** I.S. 635, 635-643, 1984
DEU	REG	USE	SEL	(PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG BGBL I.S. 1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	1JAN1978	MAY1982	BGBL** I.S. 1136, 1136, 1981
DEU	REG	USE	PRO	IT IS PROHIBITED TO APPLY SOLUTIONS OF 99% PURITY OR MORE AGAINST PARASITES ON HORSE, CATTLE, SWINE, GOAT AND SHEEP			
DEU	REG	USE	PRO	IT IS PROHIBITED TO APPLY AGAINST PARASITES ON POULTRY			
DEU	REG	USE	PRO	IT IS PROHIBITED TO APPLY TO THE UDDER OF LACTATING HORSES, COWS, SHEEP AND GOATS AT CONCESSIONS EXCEEDING THE MRLS SET FOR MILK AND MILK PRODUCTS			
DEU	REG	USE	AGRIC	NOT REGISTERED AS A PESTICIDE.			
DEU	REG	FOOD	RSTR	PLANT (SPECIFIED) 0.1 MG/KG; PLANT (GENERAL) 0.01 MG/KG. (WITH DIELDRIN)	29APR1984	JUN1986	DFSK** XXI, 16, 1985
DEU	REG	FOOD	MRL	(PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)			
DEU	REG	AIR	OCC	8H-TWA: 0.25MG/M3; 30MI-STEL: 2.5MG/M3 AVERAGE VALUE 1X/SHIFT (CUTANEOUS ABSORPTION)			
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).			
DEU	REG	PACK	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
DEU	REG	USE	OCC				

AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.
 2069,1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 TOBACCO: 0.3MG/KG (WITH DIELDRIN, CALCULATED
 AS DIELDRIN)
 (PELANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG
 - BGBL I.S.745,1982 - AS LAST AMENDED BY THE
 REFERENCE GIVEN)
 PROHIBITED FOR USE AND/OR SALE AS A PLANT PRO
 TECTANT

DEU	REG	GOODS	MRL						29APR1984 JUN1986 BGBL** IS.635,635-643,1984
DEU	REG	USE	AGRIC PRO	1974					SEP1986 BGBL** IS.2335,-,1980
EEC	REG	LABEL PACK	RQR RQR						APR1986 OJEC** L.106,18,1982

T - TOXIC. TOXIC BY INHALATION, IN CONTACT W
 ITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP
 OUT OF REACH OF CHILDREN (S 2). KEEP AWAY F
 ROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S
 13). AFTER CONTACT WITH SKIN, WASH IMMEDIATE
 LY WITH PLENTY OF ... (TO BE SPECIFIED BY THE
 MANUFACTURER) (S 28). IN CASE OF ACCIDENT O
 R IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMM
 EDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 4
 5).

EEC	REG	USE SALE	AGRIC PRO PRO	1974	1JAN1986				APR1986 OJEC** L154,48,1985
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MEMBER STATES SHALL ENSURE THAT PLANT PROTECT
 ION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE
 ALONE OR IN COMBINATION WITH OTHER ACTIVE
 SUBSTANCES LISTED MAY NEITHER BE PLACED ON TH
 E MARKET NOR USED, EXCEPT A) FOR TREATMENT OF
 GROWING MEDIA OF CONTAINER-GROWN ORNAMENTALS
 AGAINST OTIORRYNCHUS; B) TREATMENT OF POTATOE
 S GROWN IN FORMER PASTURE LAND AGAINST AGRIOT
 ES IN IRELAND AND THE UNITED KINGDOM;
 C) TREATMENT OF NARCISSI WHICH HAVE TO REMAIN
 TWO OR THREE YEARS IN THE GROUND, AGAINST MER
 ODON EQUESTRIJS, EUMERUS STRIGATUS AND EUMERUS
 TUBERCULATUS. OJEC L33,36,1979; OJEC L91,35,
 1983 (FOR LATEST AMENDMENT, SEE REFERENCE).
 PESTICIDE PREPARATIONS WHICH CONTAIN
 ALDRIN ARE CLASSIFIED INTO CLASS 1B,
 I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS
 HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS:
 AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%.
 MEMBER STATES SHALL ENSURE THAT PESTICIDES CA
 NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC
 KAGING, FASTENINGS AND LABELS COMPLY WITH THE
 REQUIREMENTS LAID DOWN (COUNCIL DIRECTIVE 78
 /631/EEC - OJEC L206,13,1978 AS LAST AMENDED
 BY THE REFERENCE GIVEN).

FAO/WHO REC	REC	FOOD	ADI						MCH1982 FPPDD 11,7,1978
FAO/WHO REC	REC	FOOD	MRL						MCH1982 FPPDD 11,7,1978

0.1 UG/KG BW (WITH DIELDRIN)
 POTATOES 0.2 MG/KG; ASPARAGUS, AUBERGINES, BR
 OCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWE
 R, CUCUMBERS, HORSE RADISH, ONIONS, PARSNIPS,
 PEPPERS, PIMENTOS, RADISHES, RADISH TOPS 0.1
 MG/KG; FRUIT 0.05 MG/KG; RICE (IN HUSK) 0.02
 MG/KG. (WITH DIELDRIN, EXPRESSED AS DIELDRIN
)
 CARROTS, LETTUCE, FAT OF MEAT 0.2 MG/KG; MILK
 AND MILK PRODUCTS (FAT BASIS) 0.15 MG/KG; EG
 GS (SHELL-FREE) 0.1 MG/KG; RAW CEREALS (OTHER
 THAN RICE) 0.02 MG/KG. (WITH DIELDRIN, EXPRE
 SSED AS DIELDRIN)
 APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI
 MITATIONS AND SAFETY PRECAUTIONS ARE LISTED
 8H-TWA: 0.25MG/M3. STEL(10MI-TWA): 0.75MG/M3.
 SKIN ABSORPTION

FAO/WHO REC	REC	FOOD	ERL						MCH1982 FPPDD 11,7,1978
GBR	REG	USE	PRMT						MCH1983 APFG** -,89,1983
GBR	REC	AIR	OCC						OCT1985 GNHSE* EH40/85,1,1985

GBR	REG	LABEL PACK USE	REG	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986 GBRSI* 17, 1, 1983
GBR	REC	RQR RQR RSTR	REC	WITHDRAWAL OF USES IN FOOD STORAGE PRACTICE EXCEPT WHEN FORMULATED, WITH DIELDRIN AS AN I NSECICIDAL LACQUER, COATING OR PAINT FOR USE IN THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS. THE CONCENTRATION OF ALDRIN SHOULD NOT EXCEED 2% OF THE SOLIDS CONTENT OF SUCH FORMULATIONS.	JAN1986 GBCPR* -, 767,
GBR	REC	USE AGRIC RSTR	REC	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). OF DIELDRIN WITH POSSIBLE DETRIMENTAL EFFECTS ESPECIALLY ON WILD-LIFE. ALL REMAINING USES OF ALDRIN ARE BEING KEPT UNDER REVIEW AND REPLACED WHEREVER POSSIBLE BY LESS PERSISTENT PESTICIDES.	JAN1981 JUN1986 GBCPR* I. S. 140, 140, 1982
IMO	REC	TRNSP LABEL PACK	REC	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (AT ALL CONCS.) (LISTED AS AN EXAMPLE OF A PESTIC IDE OF HIGH HAZARD).	JUL1983 IMCOC* 3, 6147, 1977
IMO	REC	TRNSP LABEL PACK	REC	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (AT ALL CONCS.)	JUL1983 IMCOC* 4, 10003, 1977
IND	REG	FOOD SEL	REG	PACKING GROUP: II/III = SUBSTANCE PRESENTING MEDIUM/MINOR DANGER.	
IND	REG	IMPRT SALE PACK LABEL STORE	REG	SPECIFIED FOOD PRODUCTS : 0.01-0.2 MG/KG INCL . DIELDRIN, EXPRESSED AS DIELDRIN ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR TH E IMPORT AND/OR MANUFACTURE OF THE INSECTICID ES LISTED (INCL. THIS SUBSTANCE). LICENSES FO R THE MANUFACTURE, SALE, STORAGE, DISTRIBUTIO N AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIRE MENTS CONCERNING PACKAGING, LABELLING, TRANS PORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. DESIGNATED AS A 'SPECIFIED CHEMICAL SUBSTANCE' , WITHOUT THE AUTHORISATION FROM THE GOVERNMENT T THE MANUFACTURE AND IMPORT ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORT OF SPECIFIED PRODUCTS CONTAINING THE SUBSTAN CE.	15MAY1976 DEC1982 PFAIN* -, 70, 1981 01AUG1971 MAY1984 INDIA* -, -, 1968
JPN	REG	MANUF USE	REG	CLASS PRO RSTR	DEC1982 JPNCO* 20CT, -, 1981
JPN	REG	CLASS LABEL SALE FOOD	REG	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGN ATED AS DETERIOROUS	JUL1983 JPPDL* -, -,
JPN	REG	FOOD	REG	SPECIFIED PLANT PRODUCTS : ND - 0.02MG/KG (IN CLUDING DIELDRIN AND ALDRIN)	JUL1983 JPNFS* -, -,
KEN	REG	FOOD	REG	SPECIFIED FOOD PRODUCTS: 0.1-0.2 MG/KG WITH D IELDRIN.	SEP1982 GSKEN* 40, 410, 1978

MEX	REG	REG	AQ	AMBI	MPC	0.017 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION
MEX	REG	AQ	AMBI	MPC	0.04 UG/L IN COASTAL WATERS	27JUN1973
MEX	REG	AQ	AMBI	MPC	0.000 MG/L IN ESTUARIES	OCT1982
SUN	REG	AQ	SURF	MAC	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE	27JUN1973
SUN	REG	USE	MANUF	PRO	CLV : 0.01 MG/M3 (VAPOUR + AEROSOL)	OCT1982
SUN	REG	AIR	OCC	MAC	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.	27JUN1973
SUN	REG	FOOD	FOOD	PRO	ADI = 0.0001MG/KG.	OCT1983
SUN	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.0MG/L (APPLIES TO CHLOROORGANIC COMPOUNDS)	SEP1985
SUN	REG	FEED	FEED	MRL	0.0MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEE DSTUFF)	NOV1982
SUN	REG	CLASS	CLASS	PRO	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	JUN1977
SWE	REG	FOOD	FOOD	MTC	FRUITS AND VEGETABLES: 0.05MG/KG (INCL. DIELD RIN)	JUN1983
SWE	REG	FOOD	FOOD	MTC	ANIMAL (SPECIFIED) : 0.005-0.1 MG/KG (INCL. D IELDRIN)	APR1981
SWE	REG	USE	AGRIC	PRO	BANNED ON GROUNDS OF ITS HIGH ACUTE TOXICITY AND ENVIRONMENTAL IMPACT.	01JAN1970
UN	REG	TRNSP LABEL PACK	CLASS	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	SEP1986
USA	REC	AIR	OCC	TLV	I1 = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 75-100%;	MAY1986
USA	REC	AIR	OCC	TLV	I11 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 19-75% (SOLID) OR 7-75% (LIQUID).	SEP1985
USA	REC	WASTE	WASTE	RSTR RQR	TWA: 0.25MG/M3; STEL: 0.75MG/M3. (SKIN ABSORPTION) (STEL VALUE INTENDED TO BE DELETED).	SEP1985
USA	REC	WASTE	WASTE	RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE", SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	JUL1983
USA	REC	WASTE	WASTE	RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980
USA	REC	WASTE	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERECAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980

11/473

USA REG AIR OCC PEL
 USA REG AQ EMI PRO
 WASTE

USA REG USE AGRIC PRO

WHO REC AQ DRINK GL

TWA: 0.25 MG/M3, SKIN ABSORPTION
 MANUFACTURERS AND FORMULATORS OF THE SUBSTAN-
 CE ARE PROHIBITED FROM DISCHARGING ANY PROCESS
 WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC.
 INTO NAVIGABLE WATERS.
 CANCELLED BY THE ENVIRONMENTAL PROTECTION AGENCY
 ON OCTOBER 19, 1974. ALL USES EXCEPT THOSE IN THE FOLLOWING
 LIST: SUBSURFACE GROUND INSERTION FOR TERMITE
 CONTROL; DIPPING OF NON-FOOD ROOTS AND TOPS;
 MOTH-PROOFING BY MANUFACTURING PROCESSES IN A
 CLOSED SYSTEM.
 0.03 UG/L (INCL. DIELDRIN)

JUN1974 APR1983 CFRUS* 29(1910) .673, 1981
 12JAN1977 MAY1983 CFRUS* 40,285, 1981

SEP1986 FEREAC 39,37246, 1974

MCH1983 WHODW* -, 17, 1983

IP8750000 DIMETHYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	14 MG/M3 (8 PPM) (FOR 48H/WK) (HAZARDOUS DEGR EE : MAXIMUM)	AUG1982	SMTBR** 3, 142, 1980
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 8H-TWA: 18MG/M3 (10PPM); 10MI-STEL: 36MG/M3 (20PPM) CEILING VALUE, 4X/SHIFT. SUBSTANCE HAVING INTENSIVE ODOUR. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). DO NOT EMPTY INTO DRAINS (S 29).	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REC	AQ STORE TRNSP		CLASS	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). DO NOT EMPTY INTO DRAINS (S 29).	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK		RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	GOODS		PRO	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). DO NOT EMPTY INTO DRAINS (S 29).	JUN1986	OJEC** L149, 38, 1986
GBR	REG	TRNSP LABEL		CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). DO NOT EMPTY INTO DRAINS (S 29).	28MCH1979	JAN1983 GBRSI* 1702, 1, 1978

GBR	REG	LABEL	RECL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).
GBR	REC	AIR	OCC	RQR	8H-TWA: 18MG/M3 (10PPM).
IMO	REC	TRNSP MARIN LABEL PACK		CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.) (APPLIES TO ANHYDROUS DIMETHYLAMINE)/HAZARD CLASS: 3-2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER (APPLIES TO DIMETHYLAMINE, SOLUTION).
JPN	REC	AIR	OCC	MAC	18 MG/M3 (10 PPM)
SUN	REG	AQ	SURF	MAC	0.1 MG/L
SUN	REG	AIR	OCC	MAC	CLV : 1.0 MG/M3 (VAPOUR)
SUN	REG	AIR	AMBI	MAC	0.005 MG/M3, 1X/D; 0.005 MG/M3, AV/D.
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID. (APPLIES TO ANHYDROUS DIMETHYLAMINE).
UN	REG	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.
USA	REG	AIR	OCC	PEL	(APPLIES TO SOLUTIONS).
USA	REC	AIR	OCC	TLV	TWA: 18 MG/M3 (10PPM)
USA	REG	WASTE		RSTR	TWA: 18 MG/M3 (10 PPM).
USA	REG	TRNSP		RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NO TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).
USA	REG	TRNSP		RSTR	DIMETHYL AMINE, WHEN CARRIED IN BULK, IS CLASSIFIED AS A "CARGO OF PARTICULAR HAZARD" FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WATERFRONT FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.
USA	REG	AQ	EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
USA	REG	AQ	EMI	RQR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
USA	REG	AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS.
USA	REG	AQ	EMI WASTE	RQR	THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L (B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

APR1986 GBRSI* 17,1,1983

OCT1985 GNHSE* EH40/85,1,1985
SEP1982 IMCOC* 4,10003,1977

JUL1986 SAIGLB 27,195-219,1985

SEP1985 PDKVO* 2932-83, -, 1983
JUN1982 GOSTS* 12.1.005, -, 1976
SEP1985 PDKAV* 3086-84, -, 1984
SEP1982 UNTDC* -, 11, 1986

OCT1983
JAN1977
AUG1984

SEP1982 UNTDC* -, 11, 1986

APR1983 CFRUS* 29(1910), 673, 1981
SEP1985 ACCIH* 1984-85, 9, 1984
JUL1983 CFRUS* 40 (261), 368, 1981

JUN1974
19NOV1980

JUL1983 CFRUS* 33(126), 613, 1981

MAY1983 CFRUS* 40(116), 33, 1981

MAY1983 CFRUS* 40(117), 44, 1981

MAY1983 CFRUS* 40(122), 121, 1981

1Q0525000 N-NITROSODIMETHYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE LABEL PACK	CLASS RQR RSTR	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORAGE AND TRANSPORT OF IT ARE LISTED.	1APR1985	AUG1985	HPMZC* 56, -, 1984
DEU	REC	AIR OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED.	10CTT1980	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	USE OCC	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 0.1 G/KG (0.01%); GROUP II (HIGHLY DANGEROUS); <0.1-0.01 G/KG (<0.01-0.001%); GROUP III (DANGEROUS); <0.01-0.001 G/KG (<0.001-0.0001%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CTT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REG	AIR AQ SOIL SED	RQR RQR RQR RQR	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	MAY1982		BGBL** I.S.772, 777-779, 1980
DEU	REG	FOOD GOODS	DRINK MPC MPC	FROM PACIFIERS AND TEATS THE EXTRACTABLE AMOUNT OF NITROSAMINES IN THE ELASTOMER MAY NOT EXCEED 0.01MG/KG ELASTOMER WITH A NITRITE CONTAINING SALIVA SOLUTION DURING 24HOURS AT 40C. THE EXTRACTABLE AMOUNT OF SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2MG/KG ELASTOMERS.	01JAN1982	JUN1986	BGBL** I.S.1406, 1406, 1981
EEC	REG	MANUF USE	INDST RQR	CLASS LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=1 KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED OR HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	8JAN1984	DEC1982	OJEC** L230, 1, 1982
SWE	REG	CLASS AIR OCC	PRO		23NOV1983	OCT1984	STNAF* 1983:6, 1, 1983
SWE	REG	MANUF USE	PRO		01JAN1985	JAN1985	AFS*** 1984:5, 41, 1984

SWE	REG	CLASS LABEL	EMI WASTE	AQ	REC	AIR	OCC	TLV	CLASS RQR	DESCRIPTION	DATE
USA	REG	WASTE							RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	28 FEB 1986
USA	REG	WASTE							RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	JUN 1986 STNAF* 1985.7(PK29), 1, 1985
USA	REG	WASTE	EMI WASTE						RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED, INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED, EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FER EAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	JUL 1983 CFRUS* 40(264), 455, 1981
USA	REC	AIR							TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. (SKIN ABSORPTION)	SEP 1985 ACGIH* 1984-85, 9, 1984
USA	REG	MANUF USE STORE OCC LABEL							RQR WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORDKEEPING AND REPORTING	JUN 1983 CFRUS* 29(1910), 684, 1981
USA	REG	AQ	EMI WASTE						CLASS MXL	NITROSAMINES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FER EAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FER EAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260	JUL 1983 CFRUS* 40(403), 8, 1981

, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382
, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290
, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598
, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176
, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848
1982; 47, 52226, 1982; 48, 15382, 1983)

CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL
RSTR PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOU
RQR S WASTE, SUBJECT TO HANDLING, TRANSPORT, TREA
TMENT, STORAGE AND DISPOSAL, REGULATION AND PE
RMIT AND NOTIFICATION REQUIREMENTS. (AMENDED:
FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 198
2; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENF
ORCEMENT GUIDANCE).

USA REG WASTE

19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981

JG8225000 P-DIOXANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1986 BGBL** I. S. 140, 140, 140, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1986 BGBL** I. S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP		CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
ECC	REG	LABEL PACK		RQR RQR	APR1986	OJEC** L. 106, 18, 1982

THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.

8H-TWA: 180MG/M3 (50PPM); 30MI-STEL: 360MG/M3 (100PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION) (VP=4.1KPA AT 20C) SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS I, IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE. XN - HARMFUL. HIGHLY FLAMMABLE (R 11). MAY FORM EXPLOSIVE PEROXIDES (R 19). HARMFUL BY INHALATION (R 20). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). TAKE PRECAUTIONARY MEASURES AGAINST STATISTIC DISCHARGES (S 33).

EEC	REG	GOODS	PRO	DESCRIPTION	DATE	REG	GOODS	PRO	DESCRIPTION	DATE
				SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.						
				EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN.						
EEC	REG	CLASS LABEL SALE	CLASS RQR RSTR	HARMFUL SUBSTANCE (CLASS II/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1 JAN 1984					JAN 1983 OJEC** L213, 17, 1982
GBR	REG	TRNSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID.	28 MCH 1979					JAN 1983 GBRSI* 1702, 1, 1978
GBR	REG	LABEL	RQR	EMERGENCY ACTION CODE : 2SE	18, 1982					APR 1986 GBRSI* 17, 1, 1983
GBR	REG	AIR	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).						OCT 1985 GNHSE* EH40/85, 1, 1985
IMO	REC	TRNSP LABEL	CLASS RQR	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.						SEP 1982 IMCOC* 4, 10003, 1977
JPN	REC	AIR	MAC	CLV : 10.0 MG/M3 (VAPOUR)						JUL 1986 SAIGLB 26, 354, 1984
SUN	REC	AIR	MAC	0.07MG/M3 1X/D						JUN 1982 GOSTS* 12.1.005, -, 1976
SUN	REC	AIR	PSL	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE						DEC 1983 SEPT1985 OBUAV* 2947-83, -, 1983
SWE	REC	CLASS	CLASS HL	1D-TWA: 90MG/M3 (25PPM) (SKIN ABSORPTION)						23 NOV 1983 OCT 1984 STNAF* 1983: 6, 1, 1983
SWE	REC	AIR	CLASS HL	STEL(15MI-TWA): 180MG/M3(50PPM), CARCINOGENIC INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL.						01 JAN 1985 JAN 1985 AFS*** 1984: 5, 10, 1984
SWE	REC	CLASS LABEL	CLASS RQR	THE SUBSTANCE SHOULD BE CLASSIFIED AS A HAZARDOUS PRODUCT WITH THE SYMBOL 'X'						28 FEB 1986 JUN 1986 STNAF* 1985: 7 (PK29), 1, 1985
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID						SEP 1982 UNTDG* -, 11, 1986
USA	REC	AIR	TLV	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.						SEP 1985 ACCIH* 1984-85, 9, 1984
USA	REC	FOOD USE	PRMT	TWA: 90MG/M3 (25PPM)(TG); STEL: 360MG/M3 (100 PPM)(TG). (SKIN ABSORPTION) (STEL VALUE INTENDED TO BE DELETED).						JUL 1983 CFRUS* 21, 114, 1981
USA	REC	WASTE	CLASS RSTR RQR	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD						19 NOV 1980 JUL 1983 CFRUS* 40 (261), 368, 1981
USA	REC	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).						19 NOV 1980 JUL 1983 CFRUS* 40(261), 358, 1981
USA	REC	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).						

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USA REG FOOD FEED ARL APR1983 CFRUS* 40(180.1001), 258, 1981

THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.
AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318, 1981; 47,27531, 1982 (INTERIM))
TWA: 360 MG/M3 (100PPM), SKIN ABSORPTION

USA REG WASTE RQR JUL1983 CFRUS* 40(264), 455, 1981

USA REG AIR OCC PEL JUN1974 APR1983 CFRUS* 29(1910), 673, 1981

JJ7800000 DIPHENYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	AIR FOOD	MAC MRL	TWA: 5.0MG/M3, CLV: 10.0MG/M3 SPECIFIED PLANT PRODUCTS: 3.0MG/KG; OTHER PLANT PRODUCTS: 0.1MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTIMMENGERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071,1536/2159,1980, AND BGBl I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	MCH1985 29APR1984	AUG1985 JUN1986	HPMZC* 58, -, 1985 BGBl** I.S.635,635-643, 1984
DEU	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980	JUN1986	BGBl** I.S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT W ITH SKIN AND IF SWALLOWED (R 23/24/25). DANG ER OF CUMULATIVE EFFECTS (R 33). AFTER CONTA CT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF .. (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). IF YOU FEEL UNWELL, SEEK M EDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). 0.02 MG/KG BW APPLES 5 MG/KG FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). 8H-TWA: 10MG/M3, STEL(10M1-TWA): 20MG/M3. APPLES: 10.0 MG/KG. 0.05 MG/L PLANT (SPECIFIED) : 3 MG/KG TWA: 10MG/M3; STEL: 20MG/M3 (STEL VALUE INTEN DED TO BE DELETED). AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318, 1981; 47,27531, 1982 (INTERIM)) ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR EATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT, AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE RLY MANAGED. (AMENDED: FERAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36 097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 19 83 (ENFORCEMENT GUIDANCE).	APR1986	OJEC** L.106, 18, 1982	
FAO/WHO GBR	REC REC REC	FOOD FOOD PACK	ADI MRL RQR				FPPDD 20, 73, 1980 MCH1982 FPPDD 20, 73, 1980 APR1986 GBRSI* 17, 1, 1983
GBR KEN SUN SWE USA	REC REC REC REC REC	AIR FOOD AQ FOOD AIR	RECL MXL MAC MTC TLV				OCT1985 GNHSE* EH40/85, 1, 1985 SEP1982 GSKEN* 40, 410, 1978 SEP1985 PDKVO* 2932-83, -, 1983 JUN1986 STLIF* 1984: 13, 1, 1984 SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981

APR1983 CFRUS* 40(180), 152, 1981
APR1983 CFRUS* 40(261), 362, 378, 1981

RAW AGRICULTURAL PRODUCTS (MEAT AND MILK):
CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMEN
DED.: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))

USA REG FOOD AGRIC ARL CLASS RSTR RQR
USA REG FEED WASTE

RECOMMENDATIONS--LEGAL MECHANISMS

IRPTC

JJ9800000 N-NITROSODIPHENYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD GOODS	DRINK MPC	FROM PACIFIERS AND TEATS THE EXTRACTABLE AMOUNT OF NITROSAMINES IN THE ELASTOMER MAY NOT EXCEED 0.01MG/KG ELASTOMER WITH A NITRITE CONTAINING SALIVA SOLUTION DURING 24HOURS AT 40C. THE EXTRACTABLE AMOUNT OF SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2MG/KG ELASTOMERS.	01JAN1982	JUN1986	BGBL** IS.1406, 1406, 1981
SUN USA	REG	REG AQ	MAC RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	OCT1983 18JUL1980	SEP1985 MAY1983	PKVVO* 2932-83, CFRUS* 40(122.53), 121, 1981
USA	REG	REG AQ	EMI WASTE	NITROSAMINES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)			JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	USE MANUF	AGRIC RSTR	(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) THE REGISTRATIONS OF N-NITROSODIPHENYLAMINE AND PRODUCTS CONTAINING N-NITROSODIPHENYLAMINE FOR USE AS A PESTICIDE ON FRUITS, VEGETABLES AND OTHER FIELD CROPS WILL BE CANCELLED UNLESS TOTAL N-NITROSAMINE CONCENTRATION IS LESS THAN: 1) 0.05 PPM FOR TECHNICAL N-NITROSODIPHENYLAMINE, AND 2) 0.5 PPM TIMES THE PERCENTAGE OF TECHNICAL N-NITROSODIPHENYLAMINE IN THE END-USE PRODUCT TIMES 2. QUALITY CONTROL, RECORDKEEPING AND TESTING REQUIREMENTS ARE SPECIFIED.	3SEPT1982	AUG1983	FEREAC 47, 33777, 1982

JL9700000 N-NITROSODI-N-PROPYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REG	FOOD GOODS	DRINK MPC	FROM PACIFIERS AND TEATS THE EXTRACTABLE AMOUNT OF NITROSAMINES IN THE ELASTOMER MAY NOT EXCEED 0.01MG/KG ELASTOMER WITH A NITRITE CONTAINING SALIVA SOLUTION DURING 24HOURS AT 40C. THE EXTRACTABLE AMOUNT OF SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2MG/KG ELASTOMERS.	01JAN1982	BGBL** IS.1406, 1406, 1981
SWE	REG	CLASS LABEL	CLASS RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318, 1981; 47,27531, 1982 (INTERIM)) PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46,35091, 1981; 46,36703, 1981; 47,24918, 1982; 48,14146, 1983)	28FEB1986	STNAF* 1985:7(PK29), 1, 1985
USA	REG	WASTE	RQR		22JUL1981	40(264), 455, 1981
USA	REG	AQ	EMI WASTE		18JUL1980	40(122.53), 121, 1981
USA	REG	AQ	EMI WASTE MXL	NITROSAMINES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47,42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46,57286, 1981; 47,23258, 1982; 47,24534, 1982; 47,24554, 1982; 47,28260, 1982; 47,38810, 1982; 47,41738, 1982; 47,45382, 1982; 47,51075, 1982; 47,52206, 1982; 47,52290, 1982; 47,53172, 1982; 47,54232, 1982; 47,54598, 1982; 48,1769, 1983; 48,2774, 1983; 48,13176, 1983) (ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848, 1982; 47,55226, 1982; 48,15382, 1983)	JUL1983	CFRUS* 40(403), 8, 1981

USA	REG	WASTE	CLASS RSTR RQR	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
				THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).
USA	REG	WASTE	CLASS RSTR RQR	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
				ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).
USA	REG	USE MANUF	CLASS RSTR	3SEP1982 AUG1983 FEREAC 47, 33777, 1982
				THE REGISTRATIONS OF N-NITROSO-N-PROPYLAMINE AND PRODUCTS CONTAINING N-NITROSO-N-PROPYLAMINE FOR USE AS A PESTICIDE ON FRUITS, VEGETABLES AND OTHER FIELD CROPS WILL BE CANCELLED UNLESS TOTAL N-NITROSAMINE CONCENTRATION IS LESS THAN: 1) 0.05 PPM FOR TECHNICAL N-NITROSO-N-PROPYLAMINE, AND 2) 0.5 PPM TIMES THE PERCENTAGE OF TECHNICAL N-NITROSO-N-PROPYLAMINE IN THE END-USE PRODUCT TIMES 2. QUALITY CONTROL, RECORDKEEPING AND TESTING REQUIREMENTS ARE SPECIFIED.

JM5690000 DIQUAT

AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
BRA	REG	REG	FOOD USE GOODS	AL AGRIC PRMT PRO	PLANT (SPECIFIED): 0.1-5MG/KG; SECURITY INTERVAL: 1-7 DAYS; PROVISIONAL TOXICITY CLASS: II, III (DEPENDING ON FORMULATION) (I=MOST TOXIC; IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. POISONOUS SUBSTANCE LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-3.0MG/KG (MILK PRODUCTS CALCULATE ON FAT BASIS). SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	JUL1967 OCT1978	AUG1985	SBTAP* -, 1, 1984	
CSK	REG	REG	HUMAN FOOD	CLASS MRL		MAY1982 MAY1982		SZCSR* 22, 217, -, 1967 HPMZC* 43, -, 1978	
CSK	REG	REG	USE	AGRIC PRMT		AUG1981		MAY1982 SPPOR* -, -, 1981	
DEU	REG	REG	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 0.1-5.0MG/KG; OTHER PLANT PRODUCTS: 0.05MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTMEGENVERORDNUNG - BGBl I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBl I.S.1071, 1536/2159, 1980, AND BGBl I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986		IS.635, 635-643, 1984	
DEU	REG	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980		BGBL** I.S.140, 140, 1982	
EEC	REG	REG	LABEL PACK	RQR RQR	T - TOXIC. (NOTE A). VERY TOXIC BY INHALATION; IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES TO DIQUAT AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.) PLANT (GENERAL): 0.05 MG/KG; VEGETABLES: 0.1 MG/KG (EXPRESSED AS DIQUAT ION) 8 UG/KG BW WHEAT BRAN 5 MG/KG; WHEAT FLOUR (WHOLEMEAL) 2 MG/KG; WHEAT FLOUR (WHITE), RICE (HULLED AND/OR POLISHED) 0.2 MG/KG. BARLEY, POPPY SEED, RICE (IN HUSK) 5 MG/KG; RAPESEED, SORGHUM, WHEAT 2 MG/KG; COTTONSEED 1 MG/KG; BEANS, SUNFLOWER SEED 0.5 MG/KG; POTATOES 0.2 MG/KG; MAIZE, ONIONS, PEAS, SUGARBEET, COTTONSEED OIL, RAPESEED OIL, SESAMESEED OIL, SUNFLOWERSEED OIL 0.1 MG/KG; OTHER VEGETABLE CROPS, MEAT AND MEAT PRODUCTS 0.05 MG/KG; EGGS, MILK (WHOLE) 0.01 MG/KG. (ADI AND MRL \$ ARE FOR DIQUAT CATION)		APR1986		OJEC** L.106, 18, 1982
EEC	REG	REG	FOOD	MRL		1JUL1984		DEC1982 OJEC** L234, 1, 1982	
FAO/WHO	REC	REC	FOOD	ADI				APR1982 FPPDD 15, 36, 1979	
FAO/WHO	REC	REC	FOOD	MRL				APR1982 FPPDD 15, 36, 1979	
FAO/WHO	REC	REC	FOOD	MRL				APR1982 FPPDD 11, 22, 1978	

GBR	REG	TRNSP LABEL	CLASS	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE.	28MCH1979	JAN1983	GBRSI* 1702,1,1978
GBR	REG	RQR LABEL	RQR	EMERGENCY ACTION CODE : 2R		APR1986	GBRSI* 17,1,1983
GBR	REG	RQR LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).		MCH1983	APFG** -,89,1983
GBR	REG	RQR LABEL	PRMT	APPROVED AS A CONTACT HERBICIDE. SPECIFIC USE LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		OCT1985	GNHSE* EH40/85,1,1985
GBR	REG	RQR LABEL	RECL	8H-TWA: 0.5MG/M3. STEL(10MI-TWA): 1MG/M3		MCH1983	APFG** -,29,1983
GBR	REG	RQR LABEL	PRMT	HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 10 DAYS		JUL1983	IMCOC* 111,9030,1977
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 5%		JUL1983	IMCOC* 111,6147,1977
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 5%		JUN1986	JPAGR* -, -,1983
JPN	REG	USE	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUL1983	JPPDL* -, -,
JPN	REG	CLASS LABEL	RQR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS		AUG1985	OBUVR* 1820-78, -,1978
SUN	REG	SALE	RSTR			OCT1985	MDUPP* 2823-83, -,1983
SUN	REG	FOOD	MRL	0.2MG/M3 (VAPOUR + AEROSOL)		OCT1985	SCHSB* -, -,1982
SUN	REG	USE	AGRIC	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1M G/KG.		OCT1985	SCHSB* -, -,1982
SUN	REG	USE	AGRIC	SUBSTANCE IS APPROVED AS DEFOLIANT FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.		OCT1985	SCHSB* -, -,1982
SUN	REG	USE	AGRIC	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.		OCT1985	MDUPE* 3081-84, -,1984
SUN	REG	FOOD	EXPRT IMPRT	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.05-2.0MG/KG		OCT1985	SCHSB* SUPL-4, -,1982
SUN	REG	FEED	MRL	1.0MG/KG (POULTRY); 2.0MG/KG (CATTLE)		APR1986	PBEK* -,58,1986
SUN	REG	SALE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.		JUN1986	STLIF* 1984:13,1,1984
SUN	REG	USE	AGRIC	FRUITS AND VEGETABLES: 0.1MG/KG		MAY1986	UNTDC* -,203,1986
SWE UN	REC	FOOD LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.		SEP1985	ACGIH* 1984-85,9,1984
USA	REC	AIR	TUV	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-45% (LIQUID). TWA: 0.5MG/M3; STEL: 1MG/M3 (STEL VALUE INTENDED TO BE DELETED).		APR1983	CFRUS* 40(180),152,1981
USA	REC	FOOD FEED	AGRIC	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.02-0.1 MG/KG (OF DIQUAT FROM AQUATIC APPLICATION OF THE DIBROMIDE SALT). WHERE HIGHER TOLERANCES ARE ESTABLISHED FROM OTHER USES OF DIQUAT ON THE SPECIFIED CROPS, THOSE HIGHER TOLERANCES ALSO APPLY TO RESIDUES FROM AQUATIC USES. (AMENDED: FEREAC 47,8013,1982)			

USA	REG	FEED USE	ARL PRMT	CLASS	EMI	REG AQ	REG AQ	EMI RSTR	REG AQ	EMI WASTE	REG AQ	REG AQ	REG AQ
USA	REG	FEED USE	ARL PRMT	CLASS	EMI	REG AQ	REG AQ	EMI RSTR	REG AQ	EMI WASTE	REG AQ	REG AQ	REG AQ
USA	REG	FEED USE	ARL PRMT	CLASS	EMI	REG AQ	REG AQ	EMI RSTR	REG AQ	EMI WASTE	REG AQ	REG AQ	REG AQ
USA	REG	FEED USE	ARL PRMT	CLASS	EMI	REG AQ	REG AQ	EMI RSTR	REG AQ	EMI WASTE	REG AQ	REG AQ	REG AQ
USA	REG	FEED USE	ARL PRMT	CLASS	EMI	REG AQ	REG AQ	EMI RSTR	REG AQ	EMI WASTE	REG AQ	REG AQ	REG AQ

DRIED POTATO WASTE: 1.0 MG/KG OF DIQUAT FROM APPLICATION OF THE DIBROMIDE SALT (CALCULATED AS THE CATION)
 THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.
 UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
 PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

AUG1983 FEREAC 46, 30339, 1981
 MAY1983 CFRUS* 40(116), 33, 1981
 MAY1983 CFRUS* 40(117), 44, 1981
 MAY1983 CFRUS* 40(122), 121, 1981

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

JM5750000 DIQUAT DICHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND BREAST-FEEDING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. (NOTE A). VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). KEEP LOCKED UP (S 1). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES TO DIQUAT AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.) (APPLIES TO SALTS PLANT (GENERAL) : 0.05 MG/KG ; VEGETABLES : 0.1 MG/KG (EXPRESSED AS DIQUAT ION) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	OJEC**	L. 106, 18, 1982
EEC	REG	FOOD	MRL		01JUL1984	DEC1982	OJEC** L234, 1, 1982
GBR	REG	LABEL - PACK -	RQR RQR		APR1986	GBRSI*	17, 1, 1983

J01400000 THIRAM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	PLANT 7 MG/KG; BANANA PULP 1 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	FOOD	MXL	APPLES AND PEARS 1 MG/KG.	17NOV1978	MCH1982	ARESA* 786, -, 1978
ARG	REG	AIR	MPC	TWA: 5 MG/M3; STEL: 10 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -, 1979
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 0.5-7MG/KG;			
	REG	USE	PRMT	SECURITY INTERVAL: 7-14 DAYS;			
	REG	AGRIC	PRO	TOBACCO: 0.5MG/KG; SECURITY INTERVAL: 14 DAYS			
	REG	GOODS	PRO	PROVISIONAL TOXICITY CLASS: II, III (DEPENDING ON FORMULATION)(I=MOST TOXIC, IV=LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED;			
CSK	REG	USE	AGRIC PRMT	USE IN DOMESTIC SANITATION: NOT AUTHORIZED. SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG	FOOD	PRMT	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY.	JAN1983	AUG1984	HPMZO* 54, -, 1982
	REG	GOODS	MXL	NO RESIDUES ARE ALLOWED IN WATER EXTRACT OF THE FINAL PRODUCTS.			
DEU	REC	AIR	MAK	8H-TWA: 5MG/M3; 30MI-STEL: 25MG/M3 AVERAGE VA LUE, 2X/SHFT.	JAN1986	DFSK** XXI, 16, 1985	
DEU	REC	FOOD	MRL	SPECIFIED PLANT PRODUCTS: 1.0-2.0MG/KG; OTHER PLANT PRODUCTS: 0.2MG/KG (APPLIES TO DITHIOCA RBMATES AND THIURAM DISULFIDE, CALCULATED AS CS2). (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERO RDNUNG - BGBl I, S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** IS. 635, 635-643, 1984 ,	
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L. 360 1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	01OCT1980	BGBL** IS. 2069, 2069, 1980	
EEC	REG	LABEL	RQR	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). IRRITATING TO SKIN (R 38). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRI NK AND ANIMAL FEEDING STUFFS (S 13).	APR1986	OJEC** L. 106, 18, 1982	
EEC	REG	GOODS	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COM POSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	JUN1986	OJEC** L149, 38, 1986	
EEC	REG	FOOD	MRL	EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN.	DEC1982	OJEC** L340, 26, 1976	
EEC	REG	CLASS	RQR	PLANT (GENERAL) : 3.0 MG/KG ; PLANT (SPECIFIC IEB D) : 3.8 MG/KG	APR1986	OJEC** L144, 1, 1984	
	REG	PACK	RQR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIB. I.E.			
	REG	LABEL	RQR	WHEN SOLID: AS HARMFUL AT CONCS. >12.5-100%,			
	REG	SALE	RSTR	WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >6-100%.			
				MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).			

FAO/WHO REC	REG	USE	PRMT	ADJ	TEMPORARY ADI: 5UG/KG BW	MCH1982 FPPDD 56, 54, 1984
GBR	REG	USE	PRMT	ADJ	TEMPORARY MRL: CELERY, CURRANTS (BLACK, RED),	
GBR	REG	FEED	MRL	MRL	GRAPES: 5MG CS2/KG; APPLES, PEACHES, PEARS,	
GBR	REG	FEED	MRL	MRL	STRAWBERRIES, TOMATOES: 3MG CS2/KG; BANANAS	
GBR	REG	FEED	MRL	MRL	(WHOLE), CHERRIES, ENDIVE, LETTUCE, MELONS,	
GBR	REG	FEED	MRL	MRL	PLUMS: 1MG CS2/KG; BEANS (IN POD), CARROTS,	
GBR	REG	FEED	MRL	MRL	CUCUMBERS: 0.5MG CS2/KG; WHEAT: 0.2MG CS2/KG;	
GBR	REG	FEED	MRL	MRL	BANANAS (PULP), POTATOES: 0.1MG CS2/KG.	
GBR	REG	FEED	MRL	MRL	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMIT	
GBR	REG	FEED	MRL	MRL	ATIONS AND SAFETY PRECAUTIONS ARE LISTED	
GBR	REG	FEED	MRL	MRL	8H-TWA: 5MG/M3. STEL(10M1-TWA): 10MG/M3	
GBR	REG	FEED	MRL	MRL	FOR LABEL AND PACKAGING, SEE EEC (OJEC**	
GBR	REG	FEED	MRL	MRL	L.106,18,1982)	
JPN	REG	USE	PRMT	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A	MCH1983 AFGC** -, 89, 1983
JPN	REG	USE	PRMT	PRMT	FUNGICIDE AND A BACTERICIDE	
JPN	REG	USE	PRMT	PRMT	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG.	
JPN	REG	USE	PRMT	PRMT	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.	
JPN	REG	USE	PRMT	PRMT	ADI = 0.005MG/KG.	
JPN	REG	USE	PRMT	PRMT	SURFACE WATER FOR FISHING: 0 MG/L	
JPN	REG	USE	PRMT	PRMT	CLV : 0.5 MG/M3 (AEROSOL)	
JPN	REG	USE	PRMT	PRMT	1.0 MG/L	
JPN	REG	USE	PRMT	PRMT	0.01MG/M3 1X/D; 0.006MG/M3 AV/D	
JPN	REG	USE	PRMT	PRMT	(CALCULATED VALUES)	
JPN	REG	USE	PRMT	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS	
JPN	REG	USE	PRMT	PRMT	TREATMENT. APPLICATION DOSE AND TREATMENT CON	
JPN	REG	USE	PRMT	PRMT	DITIONS ARE SPECIFIED.	
JPN	REG	USE	PRMT	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT.	
JPN	REG	USE	PRMT	PRMT	APPLICATION DOSE AND TREATMENT CONDITIONS ARE	
JPN	REG	USE	PRMT	PRMT	SPECIFIED.	
JPN	REG	USE	PRMT	PRMT	0.0MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEE	
JPN	REG	USE	PRMT	PRMT	DSTUFF).	
JPN	REG	USE	PRMT	PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS-SUBSTANCE	
JPN	REG	USE	PRMT	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST	
JPN	REG	USE	PRMT	PRMT	ICIDE FORMULATIONS WHICH ARE REGISTERED AT	
JPN	REG	USE	PRMT	PRMT	THE PRODUCTS CONTROL BOARD AND THEREFORE MAY	
JPN	REG	USE	PRMT	PRMT	BE MARKETED AND USED, RULES FOR LABELLING, ST	
JPN	REG	USE	PRMT	PRMT	ORAGE, HANDLING AND USE OF THE PESTICIDE FORM	
JPN	REG	USE	PRMT	PRMT	ULATIONS ARE LAID DOWN BY THE PRODUCTS CONTR	
JPN	REG	USE	PRMT	PRMT	L BOARD, WHICH ALSO CLASSIFIES EACH FORMULATI	
JPN	REG	USE	PRMT	PRMT	ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST	
JPN	REG	USE	PRMT	PRMT	HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM	
JPN	REG	USE	PRMT	PRMT	ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ	
JPN	REG	USE	PRMT	PRMT	ED TO USE SUCH FORMULATIONS.	
JPN	REG	USE	PRMT	PRMT	FRUITS AND VEGETABLES: 0.1-1.0MG/KG (CALCULAT	
JPN	REG	USE	PRMT	PRMT	ED AS THE SUM OF FERBAM, MANCOZEB, MANEB, PRO	
JPN	REG	USE	PRMT	PRMT	PINEB, THIRAM, ZINEB AND ZIRAM, EXPRESSED AS	
JPN	REG	USE	PRMT	PRMT	CS2)	
JPN	REG	USE	PRMT	PRMT	TWA: 5MG/M3; STEL: 10MG/M3 (STEL VALUE INTEND	
JPN	REG	USE	PRMT	PRMT	ED TO BE DELETED).	
JPN	REG	USE	PRMT	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR	
JPN	REG	USE	PRMT	PRMT	TICLES INTENDED FOR USE IN PACKAGING, TRANSP	
JPN	REG	USE	PRMT	PRMT	RTING OR HOLDING FOOD. (FOR USE AS PRESERVATI	
JPN	REG	USE	PRMT	PRMT	VE ONLY.)	
JPN	REG	USE	PRMT	PRMT	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC	
JPN	REG	USE	PRMT	PRMT	NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND	
JPN	REG	USE	PRMT	PRMT	REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I	
JPN	REG	USE	PRMT	PRMT	S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS	
JPN	REG	USE	PRMT	PRMT	CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER	
JPN	REG	USE	PRMT	PRMT	EAC 46,38318,1981; 47,27531,1982 (INTERIM))	
SUN	REG	USE	PRMT	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A	
SUN	REG	USE	PRMT	PRMT	FUNGICIDE AND A BACTERICIDE	
SUN	REG	USE	PRMT	PRMT	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG.	
SUN	REG	USE	PRMT	PRMT	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.	
SUN	REG	USE	PRMT	PRMT	ADI = 0.005MG/KG.	
SUN	REG	USE	PRMT	PRMT	SURFACE WATER FOR FISHING: 0 MG/L	
SUN	REG	USE	PRMT	PRMT	CLV : 0.5 MG/M3 (AEROSOL)	
SUN	REG	USE	PRMT	PRMT	1.0 MG/L	
SUN	REG	USE	PRMT	PRMT	0.01MG/M3 1X/D; 0.006MG/M3 AV/D	
SUN	REG	USE	PRMT	PRMT	(CALCULATED VALUES)	
SUN	REG	USE	PRMT	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS	
SUN	REG	USE	PRMT	PRMT	TREATMENT. APPLICATION DOSE AND TREATMENT CON	
SUN	REG	USE	PRMT	PRMT	DITIONS ARE SPECIFIED.	
SUN	REG	USE	PRMT	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT.	
SUN	REG	USE	PRMT	PRMT	APPLICATION DOSE AND TREATMENT CONDITIONS ARE	
SUN	REG	USE	PRMT	PRMT	SPECIFIED.	
SUN	REG	USE	PRMT	PRMT	0.0MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEE	
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SUN	REG	USE	PRMT	PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS-SUBSTANCE	
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SUN	REG	USE	PRMT	PRMT	FRUITS AND VEGETABLES: 0.1-1.0MG/KG (CALCULAT	
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SUN	REG	USE	PRMT	PRMT	PINEB, THIRAM, ZINEB AND ZIRAM, EXPRESSED AS	
SUN	REG	USE	PRMT	PRMT	CS2)	
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SUN	REG	USE	PRMT	PRMT	EAC 46,38318,1981; 47,27531,1982 (INTERIM))	
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SUN	REG	USE	PRMT	PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS-SUBSTANCE	
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SUN	REG	USE	PRMT	PRMT	ORAGE, HANDLING AND USE OF THE PESTICIDE FORM	
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SUN	REG	USE	PRMT	PRMT	VE ONLY.)	
SUN	REG	USE	PRMT	PRMT	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC	
SUN	REG	USE	PRMT	PRMT	NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND	
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SUN	REG	USE	PRMT	PRMT	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG.	
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SUN	REG	USE	PRMT	PRMT	0.01MG/M3 1X/D; 0.006MG/M3 AV/D	
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SUN	REG	USE	PRMT	PRMT	DITIONS ARE SPECIFIED.	
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SUN	REG	USE	PRMT	PRMT	0.0MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEE	
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SUN	REG	USE	PRMT	PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS-SUBSTANCE	
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SUN	REG	USE	PRMT	PRMT	ON INTO ONE OF THREE HAZARD CLASSES (1 = MOST	
SUN	REG	USE	PRMT	PRMT	HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORM	
SUN	REG	USE	PRMT	PRMT	ULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZ	
SUN	REG	USE	PRMT	PRMT	ED TO USE SUCH FORMULATIONS.	
S						

USA	REG	AIR	OCC	PEL	TWA: 5 MG/M3	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	WASTE		CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
				RSTR	PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU			
				RQR	BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR			
					AGE AND DISPOSAL REGULATION AND PERMIT AND NO			
					TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,			
					56582, 1981 (INTERIM); 47, 36097, 1982: 48, 2532			
					1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU			
					IDANCE).			
USA	REG	FOOD	AGRIC	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR	APR1983	CFRUS* 40(180), 152, 1981	
		FEED			ODUCTS) : 0.5-7 MG/KG			
USA	REG	WASTE		CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
				RSTR	AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD			
				RQR	OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR			
					EATMENT, STORAGE AND DISPOSAL REGULATION AND			
					PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS			
					IT IS FOUND THE WASTE CANNOT POSE A THREAT TO			
					HUMAN HEALTH OR THE ENVIRONEMNT WHEN IMPROPE			
					RLY MANAGED. (AMENDED: FEREAC 46,35246, 1981;			
					46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36			
					097, 1982: 48,2532, 1983 (INTERIM); 48,11157, 19			
					83 (ENFORCEMENT GUIDANCE).			
WHO	REC	USE		RQR	RECOMMENDED RATE OF APPLICATION TO WHEAT SEED	DEC1982	WHOTAC 555,21, 1974	
		FOOD			. RECOMMENDED SAFETY MEASURES SUCH AS COLOURI			
					NG OF, ADDITION OF ODOUR OR TASTE TO, LABELLI			
					NG OF, TRANSPORTATION AND DISTRIBUTION OF DRE			
					SSED SEED.			

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
KH2100000 ETHYLAMINE							
BRA	REG	AIR OCC	AL	14 MG/M3 (8 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)			
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I. S. 1071, 1536/2159, 1980, AND BGBL I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 18MG/M3 (10PPM); 10MI-STEL: 36MG/M3 (20PPM) CEILING VALUE, 4X/SHIFT. SUBSTANCE HAVING INTENSIVE ODOUR. THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	AUG1982		SMTBR* 3, -, 1980
DEU	REC	AIR OCC	MAK				JAN1986 DFSK** XXI, 16, 1985
DEU	REG	AIR EMI	MXL		28FEB1986		GMBL** 7, 93-143, 1986
DEU	REC	AQ STORE TRNSP	CLASS				APR1986 GMBL** 11(C3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. FL - FLAMMABLE. XI - IRRITANT. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). DO NOT EMPTY INTO DRAINS (S 29).			APR1986 OJEC** L. 106, 18, 1982
GBR	REG	TRNSP LABEL - PACK -	CLASS RQR RQR	LABELLING OF ROAD TANKERS : FLAMMABLE GAS. EMERGENCY ACTION CODE : 2PE	JAN1983		GBRSI* 1702, 1, 1978
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).			APR1986 GBRSI* 17, 1, 1983
GBR	REC	AIR OCC	RECL	8H-TWA: 18MG/M3 (10PPM).			OCT1985 GNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2PE (APPLIES TO 50-70% SOLUTIONS IN WATER)	28MCH1979		GBRSI* 1702, 1, 1978

GBR	REG	AIR	EMI	RQR	PROVISIONS HAVE BEEN MADE WITH A VIEW TO CONTROLLING THE EMISSION INTO THE ATMOSPHERE OF NOXIOUS OR OFFENSIVE SUBSTANCES FROM AMINE WORKS IN WHICH A) ANY METHYLAMINE OR ANY ETHYLAMINE IS MADE; OR B) ANY METHYLAMINE OR ANY ETHYLAMINE IS USED IN ANY CHEMICAL PROCESS. HAZARD CLASS: 2 = GAS (COMPRESSED ETC.).	5AUG1983	APR1986	GBRSI* 943,-,1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.).		SEP1982	IMCOC* 4,10003,1977
JPN	REC	AIR	OCC	MAC	18 MG/M3 (10 PPM) VALUES ARE: TWA 0.5 MG/L 0.01 MG/M3 1X/D; 0.01 MG/M3 AV/D 1D-TWA: 18MG/M3 (10PPM); STEL(15MI-TWA): 30MG /M3 (15PPM); SKIN ABSORPTION. HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES WHEN NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE IN AQUEOUS SOLUTION). HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID; 6.1 = POISONOUS SUBSTANCE	OCT1983 AUG1984 1JAN1985	JUL1986	SAIGLB 27,195-219,1985
SUN	REG	AQ	SURF	MAC			SEP1985	PDKVO* 2932-83,-,1983
SUN	REG	AIR	AMBI	MAC			SEP1985	PDKAV* 3086-84,-,1984
SWE	REG	AIR	OCC	HLV			JAN1985	AFS*** 1984:5,10,1984
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES WHEN NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE IN AQUEOUS SOLUTION). HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID; 6.1 = POISONOUS SUBSTANCE		SEP1982	UNTDG* -,11,1986
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID; 6.1 = POISONOUS SUBSTANCE		SEP1982	UNTDG* -,11,1986
USA	REG	AQ	OCC	TLV	TWA: 18 MG/M3 (10 PPM). IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE ETHYLAMINE IS RATED AS A NON-PERSISTENT COMPOUND THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	10DEC1982	SEP1985	ACGIH* 1984-85,9,1984
USA	REG	WASTE		CLASS			JUN1983	FEREAC 47,31230,1982
USA	REG	AQ	EMI	CLASS	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.		MAY1983	CFRUS* 40(116),33,1981
USA	REG	AQ	EMI	RQR			MAY1983	CFRUS* 40(117),44,1981
USA	REG	WASTE		RSTR				
USA	REG	AIR	OCC	PEL	TWA: 18 MG/M3 (10PPM)	JUN1974	APR1983	CFRUS* 29(1910),673,1981
USA	REG	AQ	EMI	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)		MAY1983	CFRUS* 40(122),121,1981

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IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

KH5790000 PERTHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (SPECIFIED): 10.0MG/KG; PLANT(GENERAL): 29APR1984 JUN1986 BGBL** IS.635,635-643,1984 0.05MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745,1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	1978		
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 10.0 MG/KG			APR1986 OJEC** L340,26,1976
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 15MG/KG			SEP1982 GSKEN* 40,410,1978
SWE	REG	FOOD	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST			APR1986 PFBK* -,58,1986
	REG	SALE	PRMT	ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH			
	REG	USE	RQR	E PRODUCTS CONTROL BOARD AND THEREFORE MAY BE			
	REG	LABEL	RQR	MARKETED AND USED. RULES FOR LABELLING. STORA			
	REG	STORE	RQR	GE, HANDLING AND USE OF THE PESTICIDE FORMULA			
	REG	CLASS	CLASS	TIONS ARE LAID DOWN BY THE PRODUCTS CONTROL			
	REG	CLASS	CLASS	BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION			
	REG	CLASS	CLASS	INTO ONE OF THREE HAZARD CLASSES (1=MOST HAZA			
	REG	CLASS	CLASS	RDOUS, 3=LEAST HAZARDOUS).			
	REG	CLASS	CLASS	CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERS			
	REG	CLASS	CLASS	ONS AUTHORIZED TO USE SUCH FORMULATIONS.			
USA	REG	FOOD	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN			
	REG	FEED		D ANIMAL PRODUCTS) : 0-15 MG/KG			MAY1986 CFRUS* 40,152,1981

KH7525000 CHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
BRA	REG	AIR	AL	2030 MG/M3 (780 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)	AUG1982	SMTBR* 3,141,1980		
CSK	REC	AIR	AMBI	0.1 MG/M3, AV/D	MAY1982	AHEM** SUPPL. 6,-,1975		
DEU	REG	AIR	EMI	0.3 MG/M3, AV/0.5 H THIS COMPOUND BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 2600MG/M3 (1000PPM) F - FLAMMABLE. EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).	28FEB1986	JUN1986	GMBL** 7,93-143,1986	
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 AS LAST AMENDED BY THE REFERENCE GIVEN. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). 8H-TWA: 2600MG/M3 (1000PPM). STEL(10M1-TWA): 3250MG/M3 (1250PPM) HAZARD CLASS: 2 = GAS (COMPRESSED ETC.).	10OCT1980	JUN1986	BGBL** I.S.140,140,1982	
DEU	REG	AIR	MAK		JAN1986	DFSK** XXI,16,1985		
EEC	REG	LABEL PACK	RQR RQR		APR1986	OJEC** L.106,18,1982		
EEC	REG	GOODS	PRO		JUN1986	OJEC** L149,38,1986		
GBR	REG	LABEL - PACK -	RQR RQR		APR1986	GBRSI* 17,1,1983		
GBR	REC	AIR	OCC		OCT1985	GNHSE* EH40/85,1,1985		
IMO	REC	TRNSP LABEL MARIN LABEL PACK	CLASS RQR RSTR		SEP1982	IMCOC* 4,10003,1977		
JPN	REG	LABEL CLASS LABEL SALE	CLASS RQR RSTR	SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983	JPPDL* -, -,		
JPN	REC	AIR	OCC	2600 MG/M3 (1000 PPM) VALUES ARE: TWA	JUL1986	SAIGLB 27,195-219,1985		

SUN	REG	AIR	OCC	MAC	CLV	JAN1977	JUN1982	GOSTS*	12.1.005,-,1976
SUN	REG	AIR	AMBI	MAC	0.2MG/M3 AV/D.	AUG1984	SEP1985	PKAV#	3086-84,-,1984
SWE	REG	CLASS		CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	23NOV1983	OCT1984	STNAF#	1983:6,1,1983
SWE	REG	AIR	OCC	HLV	1D-TWA: 1300MG/M3 (500PPM). STEL(15MIN-TWA): 1900MG/M3 (700PPM).	01JAN1985	JAN1985	AFS***	1984:5,10,1984
UN	REG	TRNSP LABEL		CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID.		SEP1982	UNTDG*	-,11,1986
USA	REC	AIR	OCC	TLV	TWA: 2600MG/M3 (1000PPM); STEL: 3250MG/M3 (1250PPM). (STEL VALUE INTENDED TO BE DELETED)		SEP1985	ACGIH#	1984-85,9,1984
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC INERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	22JUL1981	JUL1983	CFRUS*	40,455,1981
USA	REG	AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED IN SECTION , MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION. C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980	MAY1983	CFRUS*	40(122.53),121,1981
USA	REG	AQ	EMI WASTE	CLASS RSTR RQR	CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983)		JUL1983	CFRUS*	40(403),8,1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE). (APPLIES TO CHLORINATED ETHANES)	19NOV1980	JUL1983	CFRUS*	40(261),358,1981

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USA REG AIR OCC PEL TWA: 2600 MG/M3 (1000PPM)

JUN1974 APR1983 CFRUS* 29(1910),673,1981

KH9275000 1,2-DIBROMOETHANE; ETHYLENE DIBROMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	10-75 MG/KG (OF INORGANIC BROMINE AS BROMINE). CALCULATED	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	FEED	MXL	30-50 MG/KG (OF INORGANIC BROMINE AS BROMINE). CALCULATED	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	AIR	OCC	TWA: 140 MG/M3 (20 PPM); STEL: 220 MG/M3 (30 PPM).	22MAY1979	MCH1982	ADECT* 351, -, 1979
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 10-50 MG/KG			
CSK	REG		CLASS	POISONOUS SUBSTANCE	JUL1967		AUG1982 CDARR* 2,69, 1980
CSK	REG	AIR	MAC	TWA: 10.0MG/M3, CLV: 20.0MG/M3	MCH1985		MAY1982 SZCSR* 22, 217, -, 1967
CSK	REG	USE	CLASS	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED.	1APR1985		AUG1985 HPMZC* 58, -, 1985
CSK	REG	LABEL PACK	RQR				AUG1985 HPMZC* 56, -, 1984
CSK	REG	PACK	RSTR				
DEU	REG	USE	OCC	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP III (DANGEROUS): <10.0-1.0 G/KG (<1.0-0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW.	10CTT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	LABEL - PACK - USE	RQR - RQR - RSTR	(BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CTT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	LABEL - PACK - USE	RQR - RQR - RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO OPERATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CTT1980	JUN1986	BGBL** I. S. 140, 140, 1982
DEU	REG	AIR - AQ - SOIL - SED	IMI - IMI - IMI - IMI	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.			MAY1982 BGBL** IS. 772, 777-779, 1980

DEU	REC	AIR	OCC	MAK	CLASS	REG	DATE	REF
DEU	REC	AIR	OCC	TRK	CLASS	JAN1986	DFSK** XXI, 16, 1985	
DEU	REC	AIR	OCC	TRK	CLASS	JAN1986	DFSK** XXI, 66, 1985	
DEU	REC	AQ	TRNSP	STORE	TRNSP	APR1986	GMBL** 11(G3191A), 173, 1985	
DEU	REG	AIR	EMI	MXL		28FEB1986	JUN1986 GMBL** 7, 93-143, 1986	
DEU	REG	FOOD		MRL		29APR1984	JUN1986 BGBL** I.S. 635, 635-643, 1984	
EEC	REG	LABEL		RQR		APR1986	OJEC** L. 106, 18, 1982	
EEC	REG	MANUF		CLASS		8JAN1984	DEC1982 OJEC** L230, 1, 1982	
EEC	REG	PACK		RQR		1JAN1984	JAN1983 OJEC** L213, 17, 1982	
EEC	REG	LABEL		RQR		APR1986	OJEC** L144, 1, 1984	
FAO/WHO	REC	FOOD		GL		APR1982	FPPDD 20, 80, 1980	

CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION) (VP=1.5 KPA AT 20C) 1Y-TWA: 0.8MG/M3 (0.1PPM). THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. THIS COMPOUND IS INCLUDED IN THE CLASS III CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE MASS CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MAY NOT EXCEED 5MG/M3 AT A MASS FLOW OF 25G/H OR MORE ALL PLANT PRODUCTS: 0.01MG/KG (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). AVOID CONTACT WITH EYES (S 25). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE (S 44)). LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 T IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. PESTICIDE PREPARATIONS WHICH CONTAIN 1,2-DIBROMOETHANE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206, 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN). CEREAL GRAINS (AT POINT OF ENTRY INTO A COUNTRY AND IN THE CASE OF CEREAL FOR MILLING, IF THE COMMODITY HAS BEEN FREELY EXPOSED TO AIR FOR AT LEAST 24 HOURS) 20 MG/KG; CITRUS FRUIT AND PASSION FRUIT (AFTER A WITHHOLDING PERIOD OF NOT LESS THAN 5 DAYS) 0.5 MG/KG; FRUIT AND VEGETABLES (EXCEPT CITRUS AND PASSION FRUIT) (AFTER A WITHHOLDING PERIOD OF NOT LESS THAN 3 DAYS) 0.1 MG/KG; BREAD AND OTHER CEREAL PRODUCTS (AT POINT OF RETAIL SALE OR WHEN OFFERED FOR CONSUMPTION), MILLED CEREAL PRODUCTS, INTENDED FOR CONSUMPTION WITHOUT COOKING (THE GRAIN MUST BE SELECTED FROM LOTS WHICH HAVE NOT BEEN TREATED WITH THE FUMIGANT) 0.01 MG/KG.

GBR	REG	TRNSP LABEL	CLASS	DESCRIPTION	DATE	REGISTRATION NUMBER
GBR	REG	TRNSP LABEL	RQR	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2X	28MCH1979	JAN1983 GBRSI* 1702,1,1978
GBR	REG	PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).		APR1986 GBRSI* 17,1,1983
GBR	REC	AGRIC STORE	PRO	USE OF EDB IN COMBINATION WITH OTHER LIQUID FUMIGANTS TO DISINFEST CEREAL GRAINS IN FOOD STORAGE PRACTICE WITHDRAWN (1981). WITHDRAWAL OF USE AS A SPOT FUMIGANT IN FOOD STORAGE PRACTICE EXCEPT FOR USE BY PROFESSIONAL OPERATOR S. WITHDRAWAL OF ALL FUMIGANT USES IN FOOD STORAGE PRACTICE BECAUSE EDB HAS BEEN SHOWN TO BE A POTENTIAL CARCINOGEN.	JAN1985	JAN1986 GBCPR* -,1700,1982
IMO	REC	TRNSP LABEL	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4,10003,1977
JPN	REG	CLASS LABEL	RQR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (EXCEPT WHEN THE CONCENTRATION IS BELOW 50%)	JAN1965	JUL1983 JPPDL* -, -,
JPN	REG	AGRIC USE	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUN1986	JPAGR* -, -,1983
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 5.0-75.0 MG/KG CALCULATED AS INORGANIC BROMIDE.	SEP1982	GSKEN* 40,410,1978
KEN	REG	USE	AGRIC PRO	TOTAL BAN AS A PESTICIDE.	22APR1985	KENPC* PCPB/1/11/95, -,1985
SWE	REG	CLASS	RQR	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	OCT1984 STNAF* 1983:6,1,1983
SWE	REG	AIR	OCC	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED OR HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	01JAN1985	JAN1985 AFS*** 1984:5,41,1984
SWE	REG	CLASS LABEL	RQR	INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.	28FEB1986	JUN1986 STNAF* 1985:7(PK29),1,1985
USA	REC	AIR	TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. (SKIN ABSORPTION).	SEP1985	ACGIH* 1984-85,9,1984
USA	REG	USE	AGRIC PRO	PESTICIDE PRODUCTS CONTAINING ETHYLENE DIBROMIDE REGISTERED FOR USE AS SOIL FUMIGANTS ARE SUSPENDED, I.E. SALE OR DISTRIBUTION FOR THIS USE IS PROHIBITED. THIS IS AN EMERGENCY SUSPENSION ORDER SERVING AS AN INTERIM ACTION UNTIL COMPLETION OF THE PROCEDURES NECESSARY TO REACH FINAL CANCELLATION.	28SEP1983	NOV1985 FEREAC 48,46228,1983
USA	REG	FOOD FEED	ARL	RESIDUE TOLERANCES OF ORGANIC AND INORGANIC BROMIDE ON SPECIFIED RAW AGRICULTURAL PRODUCTS RESULTING FROM AFTER HARVEST FUMIGATION WITH EDB ARE REVOKED.	23JAN1985	NOV1985 FEREAC 50,2981,1985
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	22JUL1981	JUL1983 CFRUS* 40(264),455,1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS FOR ORGANIC BROMIDE RESULTING FROM FUMIGATION WITH EDB AFTER HARVEST IS REVOKED.	23APR1984	NOV1985 FEREAC 49,17144,1984
USA	REG	WASTE	RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).)	19NOV1980	JUL1983 CFRUS* 40 (261),368,1981

USA	REG	FEED	ARL	THE RESIDUE TOLERANCE FOR INORGANIC BROMIDES AFTER APPLICATION OF ETHYLENE DIBROMIDE IS REVOKED.	23APR1984	NOV1985	FEREAC 49, 17149, 1984
USA	REG	FEED	PRO	PEANUT HAY AND PEANUT HULLS CONTAINING RESIDUES OF INORGANIC BROMIDES FROM THE USE OF NEMATOICIDES SUCH AS ETHYLENE DIBROMIDE AND 1,2-DIBROMO-3-CHLOROPROPANE ARE UNSUITABLE AS AN INGREDIENT IN THE FEED OF MEAT AND DAIRY ANIMALS AND SHOULD NOT BE REPRESENTED, SOLD, OR USED FOR THAT PURPOSE	APR1983	CFRUS* 40 (180), 185, 1981	
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 5-125 MG/KG OF INORGANIC BROMIDES AFTER SOIL TREATMENT WITH ETHYLENE DIBROMIDE	APR1983	CFRUS* 40(180), 152, 1981	
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED GRAINS) : 0.9MG/KG OF EDB PER SE RESULTING FROM POST-HARVEST FUMIGATION WITH ETHYLENE DIBROMIDE PRIOR TO 3 FEB 1984, THE EFFECTIVE DATE OF EPA'S EMERGENCY SUSPENSION ORDER PROHIBITING EDB GRAIN USES. (AMENDMENT OF CFR 40(180))	23APR1984	NOV1985	FEREAC 49, 17145, 1984
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SOYBEANS) : 0.001 MG/KG	APR1983	CFRUS* 40(180), 152, 1981	
USA	REG	CLASS	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATES, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40(116), 33, 1981	
USA	REG	AQ	EMI RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40(117), 44, 1981	
USA	REG	AIR	OCC PEL	TWA: 20PPM (154 MG/M3); CLV: 30PPM (230 MG/M3) (MAXIMUM PEAK FOR 5 MINUTES DURING AN 8-HOUR SHIFT: 50PPM (384 MG/M3))	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	AQ	EMI RQR WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED, EVEN IF NOT REQUIRED IN THE PERMIT. DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	MAY1983	CFRUS* 40(122), 121, 1981	

USA	REG	FOOD	PRO	RESIDUE TOLERANCES FOR INORGANIC BROMIDES IN OR ON CERTAIN PROCESSED FOODS, RESULTING FROM FUMIGATION OF A MIXTURE OF METHYL BROMIDE AND ETHYLENE DIBROMIDE ARE REVOKED (AMENDMENT OF CFR 21(193))	23APR1984	OCT1985	FEREAC 49, 17148, 1984
USA	REG	FOOD	PRO	MAY NO LONGER BE USED AS A FUMIGANT FOR GRAIN -MILL MACHINERY AND PROCESSED GRAINS USED IN PRODUCTION OF FERMENTED MALT BEVERAGES	07NOV1984	OCT1985	FEREAC 49, 44458, 1984
USA	REG	USE	AGRIC RSTR	CANCELLATION OF ALL REGISTRATIONS EXCEPT FOR USE IN VAULT FUMIGATION, APHS JAPANESE BEETLE CONTROL PROGRAM, AS A QUARANTINE FUMIGANT FOR EXPORTED CITRUS AND PAPAYA. SPECIAL LABELLING REQUIRED WITH DIRECTIONS FOR USE. FR 48, 46228(1983); FR 49, 4452(1984)	1SEP1984	JAN1986	FEREAC 49, 14182, 1984

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	156 MG/M3 (39 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)	AUG1982	SMTBR* 3, 142, 1980
CSK	REG	AIR	OCC	MAC	TWA: 50.0MG/M3; CLV: 100MG/M3	MCH1985	HPMZC* 58, -, 1985
CSK	REG	AIR	OCC	CLASS	POISONOUS SUBSTANCE	MAY1982	SZCSR* 22, 217, -, 1967
CSK	REC	AIR	AMBI	MAC	1.0 MG/M3, AV/D	MAY1982	AHEM** SUPPL, 6, -, 1975
DEU	REG	AIR	EMI	MXL	3.0 MG/M3, AV/D 0.5H THIS COMPOUND BELONGS TO CLASS 1. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS 1: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS 11: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS 111: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE	- - RSTR	RQR RQR RSTR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REC	AIR	OCC	MAK	8H-TWA: 80MG/M3 (20PPM); 30MI-STEL: 160MG/M3 (40PPM) AVERAGE VALUE, 4X/SHIFT. SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED (VP=8.7KPA AT 20C) THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT. THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL) IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AO STORE TRNSP	- - -	CLASS	THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL) IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	APR1986	GMBL** 11(G3191A), 173, 1985

EEC	REG	LABEL PACK	RQR	PRO	REG	GOODS	PRO	APR1986 OJEC** L.106,18,1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PRO	REG	GOODS	PRO	JUN1986 OJEC** L149,38,1986
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PRO	REG	GOODS	PRO	JAN1983 OJEC** L213,17,1982
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	PRO	REG	GOODS	PRO	APR1986 OJEC** L144,1,1984
FAO/WHO	REC	FOOD	GL					APR1982 FPPDD 20,80,1980
FAO/WHO	REC	HUMAN FOOD	ADI					JAN1983 WHOTAC 462,34,1971
GBR	REG	TRNSP LABEL	CLASS RQR RECL		REG	TRNSP LABEL	CLASS RQR RECL	JAN1983 GBRSI* 1702,1,1978
GBR	REC	AIR	OCC		REC	AIR		OCT1985 GNHSE* EH40/85,1,1985
GBR	REG	LABEL - PACK -	RQR RQR		REG	LABEL - PACK -	RQR RQR	APR1986 GBRSI* 17,1,1983
IMO	REC	TRNSP LABEL	CLASS RQR		REC	TRNSP LABEL	CLASS RQR	SEP1982 IMCOC* 4,10003,1977
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR		REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	01AUG1971 MAY1984 INDIA* -, -,1968

F - FLAMMABLE. XN - HARMFUL. HIGHLY FLAMMABLE (R 11). HARMFUL BY INHALATION (R 20). KEEP CONTAINER TIGHTLY CLOSED (S 7). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).

SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.

EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 AS LAST AMENDED BY THE REFERENCE GIVEN.

HARMFUL SUBSTANCE (CLASS II/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN

PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I-E, WHEN SOLID; AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%.

MEMBER STATES SHALL ENSURE THAT PESTICIDES CAN NOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206 13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).

CEREAL GRAINS (AT POINT OF ENTRY INTO A COUNTRY AND IN THE CASE OF CEREAL FOR MILLING, IF THE COMMODITY HAS BEEN FREELY EXPOSED TO AIR FOR AT LEAST 24 HOURS) 50 MG/KG; BREAD AND OTHER CEREAL PRODUCTS (AT POINT OF RETAIL SALE OR WHEN OFFERED FOR CONSUMPTION) 0.1 MG/KG. NO ADI ALLOCATED. THE SOLVENT SHOULD BE USED ONLY IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE, IN THE EXPECTATION THAT THIS WILL RESULT IN MINIMAL RESIDUES.

LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2YE

8H-TWA: 40MG/M3 (10PPM) STEL(10MI-TWA): 60MG/M3 (15PPM)

FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982).

HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.

ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED.

APR1983 CFRUS* 40(180.1001), 258, 1981

APR1983 CFRUS* 40(180.1001), 264, 1981

18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

JUN1983 CFRUS* 21(173), 104, 1981

JUN1983 CFRUS* 21(172), 23, 1981

JUL1983 CFRUS* 40(403), 8, 1981

JUN1983 CFRUS* 29(1910), 419, 1981

APR1983 CFRUS* 40, 269, 1981

THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.

THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

SPICE OLEORESINS: 30MG/KG (INCL. ALL CHLORINATED SOLVENTS) (AFTER BEING USED IN THE PRODUCTION OF THE PRODUCT(S))

THE FOOD ADDITIVE WHOLE FISH PROTEIN, WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 250MG/KG OF THIS SUBSTANCE

CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 52226, 1982; 48, 15382, 1983)

NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE EXPLOSIVE/IGNITABLE MIXTURES OF THE SUBSTANCE ARE PRESENT

EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED GRAINS.

USA	REG	FOOD FEED	ARL
USA	REG	FOOD	ARL
USA	REG	AQ	EMI RQR WASTE
USA	REG	FOOD USE	MPC PRMT
USA	REG	FOOD	MPC
USA	REG	AQ	EMI WASTE MXL
USA	REG	USE	OCC RSTR
USA	REG	FOOD FEED	ARL

USA	REG	WASTE	CLASS	10DEC1982	JUN1983	FEREAC 47, 31230, 1982
USA	REG AQ EMI	RQR RSTR	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE 1,2-DICHLOROETHANE IS RATED AS A SOMEWHAT PERSISTENT COMPONENT	MAY1983	CFRUS* 40 (117), 44, 1981	
USA	REG AQ EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 2270KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	JUL1983	CFRUS* 21(573), 558, 1981	
USA	REG FEED	PRMT	PERMITTED AS A FOOD ADDITIVE IN FEED AND DRINKING WATER FOR ANIMALS. RESTRICTED TO THE USE AS A SOLVENT IN THE EXTRACTION PROCESSING OF ANIMAL BYPRODUCTS FOR USE IN ANIMAL FEEDS. MAXIMUM PERMITTED QUANTITY IN THE EXTRACTED BYPRODUCT = 300MG/KG	APR1983	CFRUS* 40(261), 376, 1981	
USA	REG WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)	MAY1983	CFRUS* 21(73), 240, 1981	
USA	REG USE FOOD	PRMT MPC	RESIDUES OF THIS SUBSTANCE, WHEN USED AS A SOLVENT IN CERTAIN SPECIFIED FOOD COLOUR ADDITIVES, MUST NOT EXCEED THE LIMITS SET FOR THE SAME SUBSTANCE IN SPICE OLEORESINS UNDER SPECIFIED FOOD ADDITIVE REGULATIONS	JUL1983	CFRUS* 40(264), 455, 1981	
USA	REG WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	MAY1983	CFRUS* 40(116), 33, 1981	
USA	REG AQ EMI	CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
USA	REG AIR OCC	PEL	TWA: 50PPM (202MG/M3); CLV: 100PPM (405MG/M3) (ACCEPTABLE), 200PPM (810MG/M3) (MAXIMUM CLV FOR 5 MINUTES IN ANY 3-HOUR PERIOD)	OCT1985	CFRUS* 21, 380, 1981	
USA	REG FOOD	ARL	MAY BE USED AS A FUMIGANT IN OR ON GRAIN-MILL MACHINERY. RESIDUE TOLERANCE IN MILLED FRACTIONS DERIVED FROM CEREAL GRAIN FROM FUMIGATION SOURCES: 125MG/KG. MAY BE USED TO FUMIGATE CORN GRITS AND CRACKET RICE USED IN THE PRODUCTION OF FERMENTED MALT BEVERAGES. TOTAL RESIDUE OF INORGANIC BROMIDES IN THESE BEVERAGES: 25MG/KG	MCH1983	WHODW* -, 17, 1983	
WHO	REC AQ	DRINK GL	10 UG/L			

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
K10700000 DDD							
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-2.0MG/KG (CALCULATED AS SUM OF DDT, DDE AND DDT ON FAT BASIS).	OCT1978	MAY1982	HPMZC* 43, -, 1978
DEU	REG	FOOD ANI	MRL	OF ANIMAL ORIGIN(SPECIFIED): 0.5-5.0MG/KG WMT 1.0-3.0MG/KG LWT OF DDT, DDE, DDD AND THEIR ISOMERS, AS DDT (PFLANZENSCHUTZMITTEL-HOCHSTMANGENVERORDNUNG BGBl. IS.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 0.1-1.0 MG/KG; PLANT (GENERAL) 0.05 MG/KG. (WITH ITS ISOMERS, DDT + ISOMERS AND DDE + ISOMERS, CALCULATED AS DDT) (PFLANZENSCHUTZMITTEL-HOCHSTMANGENVERORDNUNG - BGBl. I. S. 745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
DEU	REG	GOODS	MRL	TOBACCO: 10.0MG/KG (WITH ITS ISOMERS, DDT + ISOMERS AND DDE + ISOMERS, CALCULATED AS DDT) (PFLANZENSCHUTZMITTEL-HOCHSTMANGENVERORDNUNG - BGBl. IS.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** IS.635, 635-643, 1984
EEC	REG	FOOD	MRL	PLANT (GENERAL): 0.1 MG/KG (AS THE SUM OF P, P'DDT, P-PDDT, P,P'DDE AND P-PTDE)	1JUL1984	DEC1982	OJEC** L234, 1, 1982
IND	REG	FOOD SEL	MTC	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG INCL. DDT AND DDE	15MAY1976	DEC1982	PFAIN* -, 70, 1981
IND	REG	IMPRT MANUF SALE PACK LABEL STORE	RQR	ACCORDING TO THE INSECTICIDES ACT 1968 WITH THE INSECTICIDES RULES 1971, REGISTRATION BY THE REGISTRATION COMMITTEE IS REQUIRED FOR THE IMPORT AND/OR MANUFACTURE OF THE INSECTICIDES LISTED (INCL. THIS SUBSTANCE). LICENSES FOR THE MANUFACTURE, SALE, STORAGE, DISTRIBUTION AND/OR COMMERCIAL USE (PEST CONTROL) OF THE SAME INSECTICIDES ARE ALSO REQUIRED. REQUIREMENTS CONCERNING PACKAGING, LABELLING, TRANSPORT (SEGREGATED FROM FOOD AND FEEDSTUFF) AND STORAGE (IN SEPARATE ROOMS OR PREMISES) ARE ALSO LAID DOWN FOR THE INSECTICIDES LISTED. SPECIFIED FOOD PRODUCTS: 1.0-7.0 MG/KG. 3.0 UG/L IN COASTAL WATERS 0.03 MG/L IN ESTUARIES	01AUG1971	MAY1984	INDIA* -, -, 1968
KEN	REG	FOOD	MXL	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE	27JUN1973	SEP1982	GSKEN* 40, 410, 1978
MEX	REG	AQ AMBI	MPC	SURFACE WATER FOR FISHING: 0.0MG/L (APPLIES TO CHLOROORGANIC COMPOUNDS)	OCT1982	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ AMBI	MPC	FRUITS AND VEGETABLES: 1.0MG/KG (INCL. DDT, DDD AND DDE)	27JUN1973	NOV1982	DOMEX* 29 MCH, 1167, 1973
SUN	REG	USE MANUF	PRO	ANIMAL (SPECIFIED): 0.05-5 MG/KG (INCL. DDT AND DDE)			KGTXP* -, -, 1981
SUN	REG	AQ SURF	MAC	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984
SWE	REG	FOOD	MTC		1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	FOOD	MTC				
USA	REG	WASTE	CLASS RSTR RQR		19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981

USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)) PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION. C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FER EAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) DDT AND ITS METABOLITES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FER EAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FER EAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS. (APPLIES TO DDT, DDD AND THEIR OP-ISOMERS AND TO DDE) FARMS PRODUCING CERTAIN SPECIFIED TYPES OF TOBACCO MUST FILE A REPORT SHOWING WHETHER THIS SUBSTANCE WAS USED ON THE TOBACCO IN THE FIELD OR AFTER HARVEST. COUNTY COMMITTEES MUST COLLECT SAMPLES OF SUCH TOBACCO AND ANALYZE FOR THE SUBSTANCE. THE COMMITTEE MUST NOTIFY THE FARM THAT THE TOBACCO WAS TREATED WITH THE SUBSTANCE IF ANALYSIS SHOWS RESIDUES OF 3MG/KG OR MORE OF COMBINED DDT, DDE AND TDE SPECIFIED ANIMAL FEED PRODUCTS: 100MG/KG OF TDE (IF RESIDUES OF DDT ARE ALSO PRESENT THE TOTAL RESIDUES OF THE TWO SUBSTANCES SHALL NOT EXCEED 100MG/KG). PREPARED FOOD SHOULD NOT CONTAIN MORE THAN 5% BY WEIGHT RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.05-50MG/KG (INCL. DDT AND DDE)	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	AQ	EMI RQR WASTE		18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI CLASS WASTE MXL		JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	AQ WASTE	PRO		MAY1983 CFRUS* 40, 285, 1981
USA	REG	USE	RQR		JUN1983 CFRUS* 7, 206-291, 1981
USA	REG	FEED	ARL		JUL1983 CFRUS* 21(561), 523, 1981
USA	REG	FOOD FEED	AGRIC ARL		APR1983 CFRUS* 40(180), 152, 1981

19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981

CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 1-7MG/KG
 THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT.

DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 1000UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)
 RESIDUE TOLERANCES IN MANUFACTURED DAIRY PRODUCTS (AS A RESULT OF PERMISSIBLE RESIDUES IN MILK): 1.25MG/KG (INCL. DDT, DDD AND DDE)

REG WASTE

USA

RSTR
RQRREG FOOD
FEED AQ

USA

AGRIC ARL
EMI CLASS

REG AQ

USA

RQR
RSTR

REG AQ

USA

EMI RQR
WASTE

APR1983 CFRUS* 40(180), 152, 1981

MAY1983 CFRUS* 40(116), 33, 1981

MAY1983 CFRUS* 40, 44, 1981

MAY1983 CFRUS* 40(122), 121, 1981

OCT1985 CFRUS* 21, 380, 1981

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

K11101000 1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	8H-TWA: 7000MG/M3 (1000PPM); 60MI-STEL: 14000 MG/M3 (2000PPM) CEILING VALUE, 3X/SHIFT	JAN1986	DFSK** XXI, 16, 1985
GBR	REC	AIR	OCC	RECL	8H-TWA: 7000MG/M3 (1000PPM). STEL(10MI-TWA): 8750MG/M3 (1250PPM)	OCT1985	GNHSE# EH40/85, 1, 1985
USA	REG	USE GOODS FOOD	RSTR		ANY FOOD, DRUG, DEVICE, OR COSMETIC IN A SELF-PRESSURIZED CONTAINER, USING THE SUBSTANCE AS A PROPELLANT IS ADULTERATED AND/OR MISBRANDED (APPLIES TO FULLY HALOGENATED CHLOROFLUOROALKANES).	MAY1986	CFRUS# 21, 19, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
KI4025000		HEXACHLOROETHANE				
DEU EEC	REC REG	AIR GOODS	OCC PRO	MAK PRO	JAN1986 JUN1986	DFSK** XXI, 16, 1985 OJEC** L149, 38, 1986
GBR	REC	AIR	OCC	RECL	OCT1985	GNHSE* EH40/85, 1, 1985
SUN USA USA	REG REG REG	AQ AIR MANUF IMPR	SURF OCC	MAC TLV RQR	SEP1985 SEP1985 20JUN1983	PKVO* 2932-83, -, 1983 ACGIH* 1984-85, 9, 1984 FEREAC 48, 22694, 1983
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		RQR	22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE		CLASS RSTR RQR	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI WASTE	RQR	18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981

8H-TWA: 10MG/M3 (1PPM)
SUBSTANCE WHICH MUST NOT FORM PART OF THE COM
POSITION OF COSMETIC PRODUCTS. THE MARKETING
OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE
IS PROHIBITED.
EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976
AS LAST AMENDED BY THE REFERENCE GIVEN.
8H-TWA: 10MG/M3 (1PPM). STEL(10M1-TWA): 30MG/
M3 (3PPM). SKIN ABSORPTION.

0.01 MG/L
TWA: 100MG/M3 (10PPM).
MANUFACTURERS AND IMPORTERS OF THIS SUBSTANCE
MUST REPORT GENERAL PRODUCTION, USE, AND EXP
OSURE INFORMATION ABOUT THE SUBSTANCE TO EPA.
THE SUBSTANCE IS A PRIORITY CANDIDATE FOR TE
STING

THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL
PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU
BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR
AGE AND DISPOSAL REGULATION AND PERMIT AND NO
TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,
56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,
1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU
IDANCE).
AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC
NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND
REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I
S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS
CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER
EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)).
(APPLIES TO CHLORINATED ETHANES)

ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT
AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD
OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR
EATMENT, STORAGE AND DISPOSAL REGULATION AND
PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS
IT IS FOUND THE WASTE CANNOT POSE A THREAT TO
HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE
RLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981;
46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36
097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19
83 (ENFORCEMENT GUIDANCE). (APPLIES TO CHLORI
NATED ETHANES)

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL
LUTANT FROM ANY POINT SOURCE INTO US WATERS.
THE FOLLOWING APPLICANTS MUST REPORT QUANTITA
TIVE DATA FOR THE SUBSTANCE IN THEIR APPLICAT
IONS : 1) EVERY APPLICANT WHO HAS REASON TO B
ELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF H
IS OUTFALLS. 2) EVERY APPLICANT USING ANY OF H
SOME INDUSTRIAL PROCESSES LISTED. INSPECTION
, MONITORING AND REPORTING REQUIREMENTS AFTER
, ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT

REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983) CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.

JUL1983 CFRUS* 40(403), 8, 1981

(AMENDED: FEREAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24554,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,13176,1983) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,52226,1982; 48,15382,1983)

10DEC1982 JUN1983 FEREAC 47,31230,1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE HEXACHLOROCYCLOHEPTANE IS RATED AS HIGHLY PERSISTENT COMPOUND. MANUFACTURERS AND PROCESSORS OF HEXACHLOROCYCLOHEPTANE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES

29APR1983 JUN1983 FEREAC 48,13178,1983

APR1983 CFRUS* 40(261), 376, 1981

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH ELECTRON CAPTURE DETECTOR) TWA: 10 MG/M3 (1PPM), SKIN ABSORPTION CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))

APR1983 CFRUS* 29(1910), 673, 1981
APR1983 CFRUS* 40(261), 362, 378, 1981

JUN1974

USA CLASS EMI WASTE AQ REG AQ EMI WASTE MXL CLASS

USA CLASS WASTE REG WASTE MANUF RQR

USA CLASS WASTE REG WASTE MANUF RQR

USA CLASS WASTE REG WASTE MANUF RQR

USA CLASS AIR WASTE REG AIR WASTE OCC CLASS RSTR RQR

K15775000 DIETHYL ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR OCC	MAC	TWA: 500.0MG/M3; CLV: 1500.0MG/M3	MCH1985	AUG1985	HPMZC** 58, -, 1985
CSK	REC	AIR IMI	MAC	0.8MG/M3, AV/D: 2.4 MG/M3, AV/O.5H		MAY1982	AHEM** SUPPL. 6, -, 1975
CSK	REG	GOODS	PRO	PROHIBITED IN COSMETICS		MAY1982	HPMZC** 32, -, 1970
DEU	REG	AIR OCC	MAK	8H-TWA: 1200MG/M3 (400PPM); 30M1-STEL: 2400MG/M3 (800PPM) AVERAGE VALUE, 4X/SHIFT. (VP=58.7KPA AT 20C)	JAN1971	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CTT1980	JUN1986	BGBL** I.S.140, 140, 1982
DEU	REG	AIR EMI	MXL	THE SUBSTANCE BELONGS TO CLASS III THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
DEU	REC	AQ STORE TRNSP	CLASS	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1).(THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).		APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT. F - FLAMMABLE, EXTREMELY FLAMMABLE (R 12). MA Y FORM EXPLOSIVE PEROXIDES (R 19). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29). TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE (S 33).		APR1986	OJEC** L.106, 18, 1982
EEC	REG	FOOD	PRMT	THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE OF 23 OCT 1962, OJEC 115,2645 /62,1962 - AS LAST AMENDED BY THE REFERENCE GIVEN).		FEB1986	OJEC** L43, 11, 1981
GBR	REC	AIR OCC	RECL	8H-TWA: 1200MG/M3 (400PPM). STEL(10M1-TWA): 1500MG/M3 (500PPM)		OCT1985	GNHSE* EH40/85, 1, 1985

GBR	REG	TRNSP LABEL	USE	CLASS	DESCRIPTION	EMERGENCY ACTION CODE	DATE	REG	TRNSP LABEL	USE	CLASS	DESCRIPTION	
GBR	REG	LABEL	-	RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID.	3YE	28MCH1979	JAN1983	GBRSI*	1702, 1, 1978			
GBR	REG	PACK	-	RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC**	L.106,18,1982)	1SEP1978	APR1986	GBRSI*	17, 1, 1983			
SUN	REG	AIR	OCC	RSTR	CLV: 300.0MG/M3 (VAPOUR)		JAN1977	JUN1982	GOSTS*	12.1.005, -, 1976			
SUN	REG	AIR	OCC	MAC	1.0MG/M3 1X/D, 0.6MG/M3 AV/D.		AUG1984	SEP1985	PDKAV*	3086-84, -, 1984			
SUN	REG	AIR	AMB I	MAC	0.3MG/L		OCT1983	SEP1985	PDKVO*	2932-83, -, 1983			
SWE	REG	AQ	SURF	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE		23NOV1983	OCT1984	STNAF*	1983: 6, 1, 1983			
SWE	REG	AIR	OCC	HLV	TWA: 1200MG/M3 (400PPM); STEL: 1500MG/M3 (500 PPM);		01JAN1985	JAN1985	AFS***	1984: 5, 10, 1984			
USA	REC	AIR	OCC	TLV	'TWA' REFERS TO '1D-TWA'			SEP1985	ACGIH*	1984-85, 9, 1984			
USA	REG	USE	OCC	RSTR	'STEL' REFERS TO 'STEL(15MI-TWA)'			APR1986	CFRUS*	29(1910), 419, 1981			
USA	REG	AIR	OCC	PEL	TWA: 1200 MG/M3 (400 PPM); STEL: 1500 MG/M3 (500 PPM).			APR1986	CFRUS*	29(1910), 673, 1981			
USA	REG	TRNSP	OCC	RSTR	NO POWER OPERATED INDUSTRIAL TRUCK MAY BE USED IN ATMOSPHERES WHERE A HAZARDOUS CONCENTRATION OF THE SUBSTANCE IS PRESENT.			APR1986	OJEC**	33(126), 613, 1981			
USA	REG	WASTE		RQR	ETHYLENE ETHER, WHEN CARRIED IN BULK, IS CLASSIFIED AS A 'CARGO OF PARTICULAR HAZARD' FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WATER-FRONT FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.			MAY1986	CFRUS*	40(261), 376, 1981			
USA	REG	WASTE		RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE IS SPECIFIED.			19NOV1980	MAY1986	CFRUS*	40(261), 368, 1981		
USA	REG	WASTE		RQR	(GC/MS OR GC WITH FLAME IONIZATION DETECTOR). THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.								

K16300000 PENTACHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	USE	OCC	PRO	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
							8H-TWA: 40MG/M3 (5PPM); 30MI-STEL: 80MG/M3 (1 OPPM) AVERAGE VALUE, 4X/SHIFT. WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLOROETHANE OR PENTACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THE SUBSTANCES CANNOT BE REPLACED BY OTHER LESS HARMFUL SUBSTANCES OR FORMULATIONS. (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	OCC		RQR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
							TECHNICAL REQUIREMENTS FOR THE PROTECTION OF WORKERS AGAINST ANY EXPOSURE TO VAPOUR, GAS OR MIST. HYGIENIC REQUIREMENTS CONCERNING CLOTHING, WASHING FACILITIES AND FOOD (INCLUDING TOBACCO). MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	OCC		RSTR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
							WORKERS WHO HANDLE WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLOROETHANE OR PENTACHLOROETHANE, MAY NOT BE EXPOSED FOR MORE THAN 8 HOURS PER DAY AND 40 HOURS PER WEEK (42 HOURS PER WEEK IN PLANTS WITH FOUR SHIFTS). (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
							FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980	JUN1986	BGBL** I.S.140, 140, 1982
							THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASS 1A, 1B, 1C; HARMFUL CLASS 1A, 1B, 1C, 1D. THIS SOLVENT IS CLASSIFIED IN CLASS 1A. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 11157, 1983 (ENFORCEMENT GUIDANCE)). (APPLIES TO CHLORINATED ETHANES)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981

K18450000 1,1,1,2-TETRACHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	AIR	AL	27 MG/M3 (4 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)	AUG1982	SMTBR* 3, -, 1980
DEU	REG	USE	PRO	WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLOROETHANE OR PENTACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THE SUBSTANCES CANNOT BE REPLACED BY OTHER LESS HARMFUL SUBSTANCES OR FORMULATIONS. (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	OCC	RQR	TECHNICAL REQUIREMENTS FOR THE PROTECTION OF WORKERS AGAINST ANY EXPOSURE TO VAPOUR, GAS OR MIST. HYGIENIC REQUIREMENTS CONCERNING CLOTHING, WASHING FACILITIES AND FOOD (INCL. TOBACCO), MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
DEU	REG	OCC	RSTR	WORKERS WHO HANDLE WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLOROETHANE OR PENTACHLOROETHANE MAY NOT BE EXPOSED FOR MORE THAN 8 HOURS PER DAY AND 40 HOURS PER WEEK (42 HOURS PER WEEK IN PLANTS WITH FOUR SHIFTS). (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140, 140, 1982
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERECAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)). (APPLIES TO CHLORINATED ETHANES)	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981

USA REG AQ EMI CLASS CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERECAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERECAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

USA REG WASTE RQR THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)

USA REG WASTE CLASS RSTR RQR CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

JUL1983 CFRUS* 40(403), 8, 1981

APR1983 CFRUS* 40(261), 376, 1981

APR1983 CFRUS* 40(261), 362, 378, 1981

K18575000 1,1,2,2-TETRACHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
					<p>THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:</p> <p>CLASS I: 20MG/M3 AT A MASS FLOW OF ≥ 0.1KG/H</p> <p>CLASS II: 100MG/M3 AT A MASS FLOW OF ≥ 2KG/H</p> <p>CLASS III: 150MG/M3 AT A MASS FLOW OF ≥ 3KG/H</p> <p>IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.</p> <p>8H-TWA: 7MG/M3 (1PPM) (CUTANEOUS ABSORPTION). SUSPECT OF CARCINOGENIC POTENTIAL.</p> <p>THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. (VP=0.7 KPA AT 20C)</p> <p>WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLORIDE OR PENTACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THE SUBSTANCES CANNOT BE REPLACED BY OTHER LESS HARMFUL SUBSTANCES OR FORMULATIONS.</p> <p>(BGBL I.S. 1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>		
DEU	REC	AIR	OCC	MAK	JAN1986	DFS**	XXI, 16, 1985
DEU	REG	USE	OCC	PRO	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
					<p>TECHNICAL REQUIREMENTS FOR THE PROTECTION OF WORKERS AGAINST ANY EXPOSURE TO VAPOUR, GAS OR MIST. HYGIENIC REQUIREMENTS CONCERNING CLOTHING, WASHING FACILITIES AND FOOD (INCLUDING TOBACCO). MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY.</p> <p>(BGBL I.S. 1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>		
DEU	REG	OCC		RQR	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
					<p>WORKERS WHO HANDLE WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) OF CARBON TETRACHLORIDE, TETRACHLOROETHANE OR PENTACHLOROETHANE MAY NOT BE EXPOSED FOR MORE THAN 8 HOURS PER DAY AND 40 HOURS PER WEEK (42 HOURS PER WEEK IN PLANTS WITH FOUR SHIFTS).</p> <p>(BGBL I.S. 1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>		
DEU	REG	OCC		RSTR	10OCT1980	JUN1986	BGBL** I.S. 140, 140, 1982
					<p>FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).</p> <p>HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.</p> <p>(BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).</p>		

DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR EPARATIONS CONTAINING THE SOLVENT AT A CONCEN TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S 1A, 1B, 1C; HARMFUL CLASSES 11A, 11B, 11C, 11D. THIS SOLVENT IS CLASSIFIED IN CLASS 1A. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN)	10CT1980	JUN1986	BGBL**	I. S. 140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR	T - TOXIC. VERY TOXIC BY INHALATION AND IN C ONTACT WITH SKIN (R 26/27). KEEP OUT OF REAC H OF CHILDREN (S 2). IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIP MENT (S 38). IN CASE OF ACCIDENT OR IF YOU F EEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHA LL ENSURE THAT DANGEROUS PREPARATIONS (SOLVEN TS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WI TH THE REQUIREMENTS LAID DOWN CLASS LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2XE FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	1JAN1984	JAN1983	OJEC**	L. 106, 18, 1982
GBR	REG	TRNSP LABEL	RQR	AGRICULTURAL, HORTICULTURAL AND HOME GARDEN USES AS AN INSECTICIDE WITHDRAWN BECAUSE THEY ARE AN ACUTE (NARCOTIC) AND CHRONIC (LIVER DA MAGE) HAZARD TO HUMANS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER. TWA : 7 MG/M3 (1PPM) VALUES ARE: TWA 0.06MG/M3 1X/D. THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR AGE AND DISPOSAL REGULATION AND PERMIT AND NO TIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU IDANCE).	28MCH1979	JAN1983	GBRSI*	1702, 1, 1978
GBR	REG	LABEL PACK	RQR			APR1986	GBRSI* 17, 1, 1983	
GBR	REC	USE	RQR		1969	JAN1986	GBCPR* -, 739/740, 1970	
IMO	REC	TRNSP LABEL PACK	CLASS			SEP1982	IMCOC* 4, 10003, 1977	
JPN	REC	AIR	MAC		14JUN1984	JUL1986	SAIGLB 26, 358, 1984	
SUN USA	REG REG	AIR WASTE	MAC RSTR RQR		AUG1984 19NOV1980	SEP1985 JUL1983	PDKAV* 3086-84, -, 1984 CFRUS* 40 (261), 368, 1981	
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981	
USA	REG	AQ EMI WASTE	RQR RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES) PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL UTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITA TIVE DATA FOR THE SUBSTANCE IN THEIR APPLICAT IONS : 1) EVERY APPLICANT WHO HAS REASON TO B ELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF H IS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION , MONITORING AND REPORTING REQUIREMENTS AFTER , ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBS TANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981	

EST OF THE FOLLOWING LEVELS: A) 100 UG/L (L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APP LICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFI ED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUI RED TO SET OR HAS SET EFFLUENT LIMITATIONS AN D PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTR IES.

JUL1983 CFRUS* 40(403), 8, 1981

(AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL AR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)

(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) TWA: 35 MG/M3 (5PPM). SKIN ABSORPTION THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED , WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC /MS OR GC WITH HALIDE SPECIFIC DETECTOR)

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
APR1983 CFRUS* 40(261), 376, 1981

CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO CHLORINATED ETHANES)

JUN1974 APR1983 CFRUS* 40(261), 358, 1981

CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

APR1983 CFRUS* 40(261), 362, 378, 1981

TWA: 7MG/M3 (1PPM), STEL: 35MG/M3 (5PPM) SKIN ABSORPTION(STEL VALUE INTENDED TO BE DELETED)

SEP1985 ACCIH* 1984-85, 9, 1984

USA CLASS EMI WASTE MXL

USA REG AQ REG AIR WASTE OCC PEL RQR

USA CLASS RSTR RQR WASTE

USA CLASS RSTR RQR WASTE

USA REC AIR OCC TLV

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

K19625000 ETHANETHIOL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
DEU	REC	AIR OCC	MAK	8H-TWA: 1MG/M3 (0.5PPM); 10M1-STEL: 2MG/M3 (1.0PPM) CEILING VALUE, 4X/SHIFT. SUBSTANCE HAVING INTENSIVE ODOUR. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 10OCT1980)	10OCT1980	JAN1986	DFSK** XXI, 16, 1985	
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). F - FLAMMABLE. XN - HARMFUL. HIGHLY FLAMMABLE (R 11). HARMFUL BY INHALATION (R 20). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). AVOID CONTACT WITH EYES (S 25). 8H-TWA: 1MG/M3 (0.5PPM). STEL(10M1-TWA): 3MG/M3 (2PPM) FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)		JUN1986		BGBL** I. S.140, 140, 1982
EEC	REG	LABEL PACK	RQR RQR			APR1986	OJEC** L. 106, 18, 1982	
GBR	REC	AIR OCC	RECL			OCT1985	GNHSE* EH40/85, 1, 1985	
GBR	REG	LABEL - PACK - USE OCC	RQR RQR RSTR			APR1986	GBRSI* 17, 1, 1983	
SUN USA	REG REC	AIR OCC OCC	MAC TLV	CLV: 1.0MG/M3 (VAPOUR) TWA: 1MG/M3 (0.5PPM); STEL: 3MG/M3 (2PPM). (STEL VALUE INTENDED TO BE DELETED). THE SUBSTANCE, IN AMOUNTS OF 1 POUND/10000 GA L OF LP-GAS, IS ONE AMONG SEVERAL THAT MAY BE USED TO ODORIZE LP-GAS. (ODORIZATION OF LP-G AS IS REQUIRED)	JAN1977	JUN1982 SEP1985	GOSTS* 12.1.005, -, 1976 ACGIH* 1984-85, 9, 1984	
USA	REG	USE	PRMT			APR1986	CFRUS* 29(1910), 291, 1981	
USA	REG	AIR OCC	PEL	CLV : 10 PPM (25 MG/M3)		APR1986	CFRUS* 29(1910), 673, 1981	

KJ2975000 1,1,1-TRICHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	AL	1480 MG/M3 (275 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM) TWA: 500.0MG/M3; CLV: 2000.0MG/M3 8H-TWA: 1080MG/M3 (200PPM); 30MI-STEL: 5400MG/M3 (1000PPM) AVERAGE VALUE, 2X/SHIFT. (VP=13 .3KPA AT 20C). THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK AND BAT LIMITS. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	AUG1982	SMTBR**	3,145,1980
CSK DEU	REG REC	AIR AIR	MAC MAK		MCH1985	HPMZC** DFSK**	58,1985 XXI,16,1985
DEU	REG	LABEL PACK USE	RQR RQR RSTR		10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S-IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIC. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	AIR	EMI	THIS COMPOUND BELONGS TO CLASS I1. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS I1: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS I11: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 1,1,1-TRICHLOROETHANE IN BLOOD: 550UG/L AND IN ALVEOLAR AIR: 110MG/M3 (20PPM). (SAMPLING ABOUT 16 HOURS AFTER SHIFT). THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.	28FEB1986	JUN1986	GMBL** 7,93-143,1986
DEU	REC	AIR	OCC		JAN1986	DFSK**	XXI,80,1985
DEU	REC	AQ STORE TRNSP	CLASS		APR1986	GMBL**	11(G3191A),173,1985

EEC	REG	LABEL PACK	RQR	XN - HARMFUL, HARMFUL BY INHALATION AND IF SWALLOWED. (R 20/22). KEEP OUT OF REACH OF CHILDREN (S 2). AVOID CONTACT WITH EYES (S 25)	APR1986 OJEC** L.106, 18, 1982
EEC	REG	GOODS	PRMT	SUBSTANCE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL UNTIL 31DEC1987 ALLOW THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE WITHIN THE LIMITS AND UNDER THE CONDITIONS LAID DOWN.	JUN1986 OJEC** L149, 38, 1986
EEC	REG	GOODS	MXL	(COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN)	
EEC	REG	CLASS LABEL SALE	RSTR	HARMFUL SUBSTANCE (CLASS I/II/III MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	JAN1983 OJEC** L213, 17, 1982
FAO/WHO	REC	HUMAN FOOD	ADI	NO ADI ALLOCATED.	
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	DEC1982 WHFAAC 16, 6, 1981
GBR	REC	AIR	RQR	8H-TWA: 1900MG/M3 (350PPM). STEL(10MI-TWA): 2450MG/M3 (450PPM)	APR1986 GBRSI* 17, 1, 1983
JPN	REC	AIR	CNTRL	1100 MG/M3 (200 PPM)	OCT1985 GNHSE* EH40/85, 1, 1985
JPN	REC	AIR	MAC	VALUES ARE: TWA	JUL1986 SAIGLB 27, 195-219, 1985
JPN	REG	AQ	MPC	MAXIMUM PERMISSIBLE CONCENTRATION (PROVISIONAL)	JUN1986 JJWMA* 53, 185-9, 1984
SUN	REG	AIR	MAC	L): 0.3MG/L	JUN1982 GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMB1	CLV : 20.0 MG/M3 (VAPOUR)	SEP1985 PDKAV* 3086-84, -, 1984
SWE	REG	CLASS	MAC	2.0MG/M3 1X/D, 0.2MG/M3 AV/D	OCT1984 STNAF* 1983:6, 1, 1983
SWE	REG	AIR	HLV	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	JAN1985 AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL	CLASS	TWA : 400 MG/M3 (70 PPM) STEL : 700 MG/M3 (125 PPM) REFERS TO 'ID-TWA'	JUN1986 UNTDG* -, 11, 1986
USA	REC	PACK	CLASS	'STEL' REFERS TO 'STEL(15MIN-TWA)'	
USA	REC	AIR	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	APR1983 CFRUS* 29(1910), 673, 1981
USA	REC	AIR	CLASS	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REC	FOOD USE	PEL	TWA: 1900 MG/M3 (350PPM)	JUL1983 CFRUS* 21, 114, 1981
USA	REC	WASTE	TLV	TWA: 1900 MG/M3 (350 PPM); STEL: 2450 MG/M3 (450 PPM).	
USA	REC	WASTE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REC	WASTE	CLASS	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	
USA	REC	WASTE	RSTR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	JUN1983 CFRUS* 40 (261), 368, 1981

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)). (APPLIES TO CHLORINATED ETHANES)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDE APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.	APR1983 CFRUS* 40(180.1001), 264, 1981
USA	REG	FOOD FEED	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT AND MEAT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICES AS AN INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS OR TO RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES.	APR1983 CFRUS* 40(180.1001), 251, 1981
USA	REG	AQ EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS FUNGICIDE WHEN USED IN POST HARVEST FUMIGATION OF CITRUS FRUITS	APR1983 CFRUS* 40, 269, 1981

USA	REG	MANUF	RQR	DESCRIPTION	DATE
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF 1,1,1-TRICHLOROETHANE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, THE A-TRI-CHLOROETHANE TOXICITY VALUE IS 2, THE PERSISTENCE VALUE IS 2, THE IGNITABILITY VALUE IS 1, AND THE REACTIVITY VALUE IS 0	40OCT1982
USA	REG	WASTE	CLASS	CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 28260, 1982)	JUN1983
USA	REG	EMI WASTE MXL	CLASS	CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 28260, 1982)	JUN1983
USA	REG	USE GOODS	PRMT	CONTACT ADHESIVES BASED ON PETROLEUM, AND 1,1,1-TRICHLOROETHANE AND OTHER CHLORINATED-BASED CONTACT ADHESIVES ARE PERMITTED. HOWEVER, OTHER EXTREMELY FLAMMABLE CONTACT ADHESIVES AND SIMILAR LIQUID OR SEMILIQUID PRODUCTS FOR USE BY CONSUMERS ARE BANNED AS HAZARDOUS PRODUCTS	JUL1983
USA	REG	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)	APR1983

JUN1983 FEREAC 47, 38780, 1982

10DEC1982 JUN1983 FEREAC 47, 31319, 1982

JUL1983 CFRUS* 40(403), 8, 1981

18JAN1978 JUL1983 CFRUS* 16(1302), 267, 1982

APR1983 CFRUS* 40(261), 376, 1981

KJ3150000 1,1,2-TRICHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	35 MG/M3 (8 PPM) (FOR 48H/MK) (HAZARDOUS DEGR EE : MEDIUM)	AUG1982	SMTBR** 3, -, 1980
DEU	REG	AIR	EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7.93-143, 1986
DEU	REC	AIR	OCC	MAK	8H-TWA: 55MG/M3 (10PPM); 30MI-STEL: 110MG/M3 (20PPM) AVERAGE VALUE, 2X/SHIFT. SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED (VP=2.5 KPA AT 20C) THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIA. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	RQR RQR RSTR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	RQR RQR RSTR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	RQR RQR		HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9).	APR1986	OJEC** L.106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		HARMFUL SUBSTANCE (CLASS II/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	JAN1983 OJEC** L213, 17, 1982
GBR	REC	AIR	OCC	RECL	8H-TWA: 45MG/M3 (10PPM). STEL(10MI-TWA): 90MG/M3 (20PPM) SKIN ABSORPTION	OCT1985	GNHSE* EH40/85, 1, 1985
GBR	REG	LABEL PACK	RQR RQR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI* 17, 1, 1983

JPN	REC	AIR	OCC	MAC	45 MG/M3 (10 PPM) (SKIN ABSORPTION)	JUL1986 SAIGLB 27, 195-219, 1985
USA	REC	AIR	OCC	TLV	VALUES ARE: TWA TWA: 45MG/M3 (10PPM); STEL: 90MG/M3 (20PPM). (SKIN ABSORPTION). (STEL VALUES INTENDED TO BE DELETED).	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	FOOD USE		PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPOR TING OR HOLDING FOOD	JUL1983 CFRUS* 21(175), 114, 1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR EATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE RLY MANAGED. (AMENDED: FERAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36 057, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19 83 (ENFORCEMENT GUIDANCE). (APPLIES TO CHLORI NATED ETHANES)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL LUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITA TIVE DATA FOR THE SUBSTANCE IN THEIR APPLICAT IONS : 1) EVERY APPLICANT WHO HAS REASON TO B ELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF H IS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBS TANCE MUST BE REPORTED IF IT EXCEEDS THE HIGH EST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APP LICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERAC 46, 35091, 1981; 46 , 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) CHLORINATED ETHANES ARE AMONG OTHERS CLASSIFI ED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUI RED TO SET OR HAS SET EFFLUENT LIMITATIONS AN D PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTR IES. (AMENDED: FERAC 47, 42688, 1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL AR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258 , 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260 , 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382 , 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290 , 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598 , 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176 , 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848 , 1982; 47, 55226, 1982; 48, 15382, 1983)	18JUL1980 MAY1983 CFRUS* 40(122-53), 121, 1981
USA	REG	AQ	EMI WASTE	CLASS MXL		JUL1983 CFRUS* 40(403), 8, 1981

USA
USA

REG AIR WASTE
REG WASTE

OCC
OCC

PEL
CLASS

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
10DEC1982 JUN1983 FEREAC 47, 31230, 1982

TWA: 45 MG/M3 (10PPM), SKIN ABSORPTION IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE 1,1,2-TRICHLOROETHANE IS RATED AS A HIGHLY PERSISTENT COMPOUND.

USA

REG WASTE

JUL1983 CFRUS* 40 (261), 368, 1981

CLASS RSTR RQR
CLASS RSTR RQR

THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).

USA

REG WASTE

APR1983 CFRUS* 40(261), 376, 1981

CLASS RSTR RQR

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR).

USA

REG WASTE

APR1983 CFRUS* 40(261), 362, 378, 1981

CLASS RSTR RQR

CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))

KJ3325000 DDT; P, P'-DDT; DICHLORODIPHENYLTRICHLOROETHANE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG USE	PRO AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES.	19MCH1963	MCH1982	ARESA* 21, -
ARG	REG USE	PRO AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	30APR1968	MCH1982	ADECA* 2143, -, 1968
ARG	REG FOOD	MXL PLANTS 0.5-7.0 MG/KG; ANIMAL FAT 7.0 MG/KG; H OPS 20.0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG TRNSP STORE PACK LABEL	RSTR REGULATIONS ON TRANSPORT, STORAGE, PACKAGING AND LABELLING.	80CT1970	MCH1982	ADECA* 1417, -,
ARG	REG USE	PRO IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCE SSING OF TOBACCO.	20DEC1971	MCH1982	ADISS* 80, -, 1971
ARG	REG USE	PRO AS ANTIWEED AGENT ON SEEDS AND SEED PRODUCT S INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -, 1972
ARG	REG AIR OCC	MPC TWA: 1 MG/M3; STEL: 3 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -, 1979
ARG	REG FOOD PACK LABEL	MXL PEARS AND APPLES 1 MG/KG.	17NOV1978	MCH1982	ARESA* 786, -, 1978
ARG	REG CLASS	RSTR NORMS FOR PACKAGING AND LABELLING.	JUL1979	MCH1982	ANOMI* 12056, -,
ARG	REG GOODS	MODERATELY TOXIC (LD50: 113 MG/KG).	OCT1980	MCH1982	ANOMI* 308-12, -
BRA	REG USE AGRIC	PRO USE NOT AUTHORIZED IN AGRICULTURE;	20DEC1971	MCH1982	ADISS* 80, -, 1971
BRA	REG GOODS USE	PRO PROVISIONAL TOXICITY CLASS: I, II, III (DEPENDI NG ON FORMULATION) (I=MOST TOXIC, IV=LEAST TOXIC); USE NOT AUTHORIZED IN DOMESTIC SANITATION; EXCLUSIVELY FOR USE IN PUBLIC HEALTH CAMPAIGN S UNDER THE SUPERVISION OF THE MINISTRY OF HEALTH.	AUG1985	SBTAP* -, 1, 1984	
CSK	REG HUMAN FOOD MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTE CTION: 0.1-2.0MG/KG (CALCULATED AS SUM OF DDD , DDE AND DDT ON FAT BASIS).	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
DEU	REG FOOD ANI MRL	1.0-3.0MG/KG LWT OF DDT, DDE, DDD AND THEIR ISOMERS, AS DDT (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG BGBL I.S.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG FOOD MRL	PLANT (SPECIFIED) 0.1-1.0 MG/KG; PLANT (GENER AL) 0.05 MG/KG. (WITH ITS ISOMERS, DDD + ISOM ERS AND DDE + ISOMERS, CALCULATED AS DDT) (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG - BGBL I.S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN).	29APR1984	JUN1986	BGBL** I.S.635, 635-643, 1984
DEU	REG AIR OCC MAK	8H-TWA: 1MG/M3; 30MI-STEL: 10MG/M3 AVERAGE VA LUE, 1X/SHIFT. (CUTANEOUS ABSORPTION).	JAN1986	DFSK** XXI, 16, 1985	
DEU	REG USE PRO	ANTI-FOULING PAINTS WHICH CONTAIN: MERCURY CO MPOUNDS, ARSENIC COMPOUNDS, DDT, HCH, PCB, OR PCT MAY NOT BE USED EXCEPT WHEN NO SUBSTITUT E IS AVAILABLE AND PERMISSION IS GIVEN BY THE APPROPRIATE AUTHORITY. (BGBL I.S.1071/1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S.140, 140, 1982

USA 18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46.35091, 1981; 46.36703, 1981; 47.24918, 1982; 48.14146, 1983)

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
 JUN1977 MAY1983 CFRUS* 40, 285, 1981

TWA: 1 MG/M3, SKIN ABSORPTION OF THE SUBSTANCE MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS. (APPLIES TO DDT, DDD AND THEIR O, P'-ISOMERS AND TO DDE)

JUL1983 CFRUS* 40(403), 8, 1981

DDT AND ITS METABOLITES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.

(AMENDED: FEREAC 47.42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR AGRICULTURAL INDUSTRIES: FEREAC 46.57286, 1981; 47.23258, 1982; 47.24534, 1982; 47.24554, 1982; 47.28260, 1982; 47.38810, 1982; 47.41738, 1982; 47.42382, 1982; 47.51075, 1982; 47.52206, 1982; 47.52290, 1982; 47.53172, 1982; 47.54232, 1982; 47.54598, 1982; 48.1769, 1983; 48.2774, 1983; 48.13176, 1983)

(ALSO: 47.31554, 1982; 47.46434, 1982; 47.52848, 1982; 47.55226, 1982; 48.15382, 1983)

MAY1983 CFRUS* 40, 192, 1981

CORN WASTE TREATED WITH THE SUBSTANCE SHOULD NOT BE SOLD OR USED FOR DAIRY COW FEED. IT SHOULD NOT BE USED FOR MEAT ANIMAL FEED UNLESS RESIDUES OF THE SUBSTANCE CAN BE MONITORED CLOSELY IN THE ANIMAL FAT.

10DEC1982 JUN1983 FEREAC 47, 31230, 1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE DDT IS RATED AS A HIGHLY PERSISTENT COMPOUND

JUN1983 CFRUS* 7, 206-291, 1981

FARMS PRODUCING CERTAIN SPECIFIED TYPES OF TOBACCO MUST FILE A REPORT SHOWING WHETHER THIS SUBSTANCE WAS USED ON THE TOBACCO IN THE FIELD OR AFTER HARVEST. COUNTY COMMITTEES MUST COLLECT SAMPLES OF SUCH TOBACCO AND ANALYZE FOR THE SUBSTANCE. THE COMMITTEE MUST NOTIFY THE FARM THAT THE TOBACCO WAS TREATED WITH THE SUBSTANCE IF ANALYSIS SHOWS RESIDUES OF 3MG/KG OR MORE OF COMBINED DDT, DDE AND TDE

USA	REG	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).	19NOV1980	JUL1983	CFRUS#	40 (261), 368, 1981
USA	REG	FEED USE	ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS: 100 MG/KG OF DDT (IF RESIDUES OF DDT ARE ALSO PRESENT THE TOTAL RESIDUES OF THE TWO SUBSTANCES SHALL NOT EXCEED 100 MG/KG). PREPARED FOOD SHOULD NOT CONTAIN MORE THAN 5% BY WEIGHT	JUL1983	CFRUS#	21(561), 523, 1981	
USA	REG	FOOD FEED	AGRIC ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 0.05-50 MG/KG (INCL. DDD AND DDE)	APR1983	CFRUS#	40(180), 152, 1981	
USA	REG	AQ	EMI CLASS	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS#	40(116), 33, 1981	
USA	REG	AQ	EMI RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS#	40(117), 44, 1981	
USA	REG	FOOD	ARL	RESIDUE TOLERANCES IN SPECIFIED FOOD PRODUCTS : 6-100MG/KG IN MANUFACTURED DAIRY PRODUCTS (AS A RESULT OF PERMISSIBLE RESIDUES IN MILK) : 1.25PPM (INCL. DDT, DDD AND DDE)	OCT1985	CFRUS#	21, 380, 1981	
USA	REG	USE	AGRIC PRO	THE ENVIRONMENTAL PROTECTION AGENCY HAS CANCELLED ALL PRODUCTS, EXCEPT THE FOLLOWING LIST OF USES: THE U.S. PUBLIC HEALTH SERVICE AND OTHER HEALTH SERVICE OFFICIALS FOR CONTROL OF VECTOR DISEASES; THE USDA OR MILITARY FOR HEALTH QUARANTINE; IN DRUGS, FOR CONTROLLING THE BODY LICE. (TO BE DISPENSED ONLY BY A PHYSICIAN). ALL PRODUCTS CONTAINING DDD HAVE BEEN CANCELLED. THESE COMPOUNDS HAVE BEEN FOUND TO POSE A CARCINOGENIC RISK TO HUMANS AND TO BE TOXIC TO THE ECOSYSTEM.	JUL1972	SEP1986	FEREAC	37, 13369, 1972
WHO	REC	AQ	DRINK GL	1 UG/L	MCH1983	WHODW#	- , 17, 1983	

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
KJ3675000		METHOXYCHLOR					
ARG	REG	FEED	MXL	100 MG/KG. (COTTONSEED 1 MG/KG). AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES.	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	USE	PRO		19MCH1963	MCH1982	ARESA* 21, -,
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	30APR1968	MCH1982	ADECA* 2143, -, 1968
ARG	REG	USE	PRO	IN DIPS FOR CATTLE AND SWINE, IN SLAUGHTERHOUSES AND IN PROCESSING OF MEAT.	1MAY1968	MCH1982	ARESA* 361, -, 1968
ARG	REG	FOOD	MXL	PLANT 10-20 MG/KG; ANIMAL FAT 3 MG/KG; MILK 0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073, -, 1969
ARG	REG	USE	PRO	AS ANTIWEEVIL AGENT ON SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -, 1972
ARG	REG	AIR	MPC	TWA: 10 MG/M3; STEL: 10 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -, 1979
BRA	REG	USE	PRO	USE FOR AGRICULTURE NOT AUTHORIZED.			
BRA	REG	AGRIC	PRMT	MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 6-10% (WT/WT). FUMIGATION PROHIBITED.			
DEU	REG	FOOD	ANI	OF ANIMAL ORIGIN (SPECIFIED): 3.0MG/KG LWT (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG BGBl. I S.1525, 1978 - AS LAST AMENDED BY THE REFERENCE GIVEN)	29APR1984	JUN1986	BGBL** I S.635, 635-643, 1984
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY SOLUTIONS OF 99% PURITY OR MORE AGAINST PARASITES ON HORSE, CATTLE, SWINE, GOAT AND SHEEP	1JAN1978	MAY1982	BGBL** I S.1136, 1136, 1981
DEU	REG	FOOD	MRL	IT IS PROHIBITED TO APPLY AGAINST PARASITES ON MILK PRODUCTS IT IS PROHIBITED TO APPLY TO THE UDDER OF LACTATING HORSES, COWS, SHEEP AND GOATS AT CONCENTRATIONS EXCEEDING THE MRLS SET FOR MILK AND MILK PRODUCTS SPECIFIED PLANT PRODUCTS: 2.0-10.0MG/KG. OTHER PLANT PRODUCTS: 0.2MG/KG. (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG - BGBl. I S.745, 1982 - AS LAST AMENDED BY THE REFERENCE GIVEN). 8H-TWA: 15MG/M3; 30MI-STEL: 150MG/M3 AVERAGE VALUE 1X/SHIFT	29APR1984	JUN1986	BGBL** I S.635, 635-643, 1984
DEU	REG	AIR	OCC	PLANT (GENERAL) : 10.0 MG/KG	1978		
EEC	REG	FOOD	MRL	0.1 MG/KG BW			
FAO/WHO	REC	FOOD	ADI	8H-TWA: 10MG/M3			
GBR	REC	AIR	OCC	SPECIFIED FOOD PRODUCTS: 1.0-14.0MG/KG.			
KEN	REG	FOOD	MXL	0.035 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ	AMBI	4.0 UG/L IN COASTAL WATERS	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ	MPC	0.04 MG/L IN ESTUARIES	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
SUN	REG	FOOD	MRL	LIMIT FOR ALL FOOD PRODUCTS: 7.0MG/KG;	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SWE	REG	FOOD	ADI	ADI = 0.1MG/KG.			
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 1-2 MG/KG	01JAN1985	JUN1986	STLIF* 1984:13, 1, 1984

SWE	REG	USE LABEL STORE CLASS	REG	SALE USE LABEL STORE CLASS	PRMT RQR	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBEK*	-,58,1986
USA	REG	AQ	DRINK	MPC	RQR	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.1 MG/L TWA: 10 MG/M3.	JUL1983	CFRUS*	21,52,1981
USA	REG	AIR	OCC	TLV	RQR	AN OWNER OR OPERATOR OF CERTAIN SPECIFIED TYPES OF HAZARDOUS WASTE STORAGE, TREATMENT OR DISPOSAL FACILITIES MUST INSTALL A GROUNDWATER MONITORING SYSTEM AND PERIODICALLY REPORT ON THE CONCENTRATIONS OF THIS SUBSTANCE.	SEP1985	ACGIH*	1984-85,9,1984
USA	REG	WASTE AQ	GRND		RQR	(AMENDED: FERAC 47,1254,1982 (INTERIM); 47,7842,1982 (INTERIM); 47,32274,1982)	APR1983	CFRUS*	40,483/336,1981
USA	REG	WASTE			RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUL1983	CFRUS*	40(264),455,1981
USA	REG	AQ	DRINK	MPC	RQR	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.1MG/L OF METHOXYCHLOR. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	24DEC1976	MAY1983	CFRUS* 40,309,1981
USA	REG	WASTE			CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983	CFRUS* 40 (261),368,1981
USA	REG	FOOD FEED	AGRIC	ARL	RQR	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 1-100 MG/KG	APR1983	CFRUS*	40(180),152,1981
USA	REG	WASTE			CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC) IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 47,36097,1982; 48,2532,1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983	CFRUS* 40(261),358,1981
USA	REG	WASTE			MPC CLASS RSTR	ANY SOLID (NON-DOMESTIC) WASTE IS A HAZARDOUS WASTE SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS IF IT CONTAINS MORE THAN OR EQUAL TO 10.0 MG/L OF THIS SUBSTANCE	APR1983	CFRUS*	40(261),360,1981

15OCT1979 APR1983 CFRUS* 40(257), 332, 335, 1981

FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF METHOXYCHLOR IN GROUND WATER TO EXCEED 0.1 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED. THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT. UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

USA REG AQ RQR DRINK MPC

MAY1983 CFRUS* 40(116), 33, 1981

TWA: 15 MG/M3 PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR

USA REG AQ EMI CLASS

MAY1983 CFRUS* 40(117), 44, 1981

(AMENDED: FERECAC 46, 35090, 1981; 47, 24918, 1982; 48, 14146, 1983)

USA REG AQ EMI RQR RSTR

JUN1974

APR1983 CFRUS* 29(1910), 673, 1981
MAY1983 CFRUS* 40(122), 121, 1981

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5X THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR

USA REG AIR OCC PEL
USA REG AQ EMI RQR WASTE

MCH1983 WHODW* -, 17, 1983

WHO REC AQ DRINK GL

KJ8575000 2-BUTOXYETHANOL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	22MAY1979	S 351,-,1979
DEU	REG	AIR	EMI	MXL	28FEB1986	GMBL** 7, 93-143, 1986
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	J. S. 140, 140, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	J. S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP	CLASS	CLASS	JAN1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK	RQR RQR	RQR RQR	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	CLASS RQR RQR RSTR	JAN1984	JAN1983 OJEC** L213, 17, 1982

TWA : 240 MG/M3 (50 PPM) (SKIN ABSORPTION), S
 TEL : 720 MG/M3 (150 PPM) (SKIN ABSORPTION)
 THIS COMPOUND BELONGS TO CLASS II.
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST
 NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN
 ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
 CLASS I : 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
 CLASS II : 100MG/M3 AT A MASS FLOW OF >=2KG/H
 CLASS III : 150MG/M3 AT A MASS FLOW OF >=3KG/H
 IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE
 NT, THE MASS CONCENTRATION MUST NOT EXCEED
 0.15G/M3.
 8H-TWA: 100MG/M3 (20PPM); 30MI-STEL: 200MG/M3
 (40PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS
 ABSORPTION).
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
 18, 1982).
 HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
 CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
 IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
 S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
 AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.
 2069,1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR
 EPARATIONS CONTAINING THE SOLVENT AT A CONCEN
 TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL
 DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS
 CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE
 S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC,
 IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB.
 (BGBL I.S.1071,1536/2159,1980 AND BGBL I.S.
 2069,1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM
 FUL TO WATER (CLASS 1) (THE DIFFERENT CLASSES
 ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS
 1 = SLIGHTLY HARMFUL; CLASS 2 =HARMFUL; CLASS
 3 = VERY HARMFUL).
 IN ORDER TO PROTECT WATER, APPROPRIATE SECURI
 TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN
 G STORAGE, LOADING AND TRANSPORT.
 XN - HARMFUL. HARMFUL BY INHALATION, IN CONTA
 CT WITH SKIN AND IF SWALLOWED (R 20/21/22).
 IRRITATING TO RESPIRATORY SYSTEM (R 37). AVOID
 D CONTACT WITH SKIN AND EYES (S 24/25).
 HARMFUL SUBSTANCE (CLASS II/B) MEMBER STATES
 SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOL
 VENTS) ARE NOT PLACED ON THE MARKET UNLESS TH
 EIR PACKAGES AND FASTENINGS AND LABELS COMPLY
 WITH THE REQUIREMENTS LAID DOWN

GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106,					
GBR	REC	PACK -	RQR	18, 1982).				APR1986	GBRSI* 17, 1, 1983
SUN	REG	AIR	RECL	8H-TWA: 240MG/M3 (50PPM). STEL(10MI-TWA): 720				OCT1985	GNHSE* EH40/85, 1, 1985
SWE	REG	CLASS	PSL	MG/M3 (150PPM). SKIN ABSORPTION.				AUG1985	OBUVR* 1607-77, -, 1977
SWE	REG	AIR	CLASS	5.0MG/M3 (VAPOUR)				OCT1984	STNAF* 1983:6, 1, 1983
	REG	AIR	HLV	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE:				JAN1985	AFS*** 1984:5, 10, 1984
				1D-TWA: 100MG/M3 (20PPM), STEL(15MIN-TWA):				APR1977	
				250MG/M3 (50PPM), SKIN ABSORPTION. (WHEN CALC				23NOV1983	
				ULATING A HYGIENIC EFFECT FOR MIXTURES OF GLY				01JAN1985	
				COL ETHER AND OTHER SOLVENTS THE FOLLOWING VA					
				LUES FOR BUTYL CELLOSOLVE SHOULD BE USED:					
				1D-TWA: 250MG/M3 (50PPM) AND STEL(15MIN-TWA):					
UN	REC	TRNSP	CLASS	350MG/M3 (75PPM)).				SEP1982	UNTDG* -, 11, 1986
		LABEL		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE..					
		PACK		PACKING GROUP: III = SUBSTANCE PRESENTING					
		FOOD		MINOR DANGER.					
USA	REG	FOOD	PRMT	MAY BE USED AS A DEFOAMING AGENT IN THE MANUF				JUL1983	CFRUS* 21, 177, 1981
				ACTURE OF PAPER AND PAPERBOARD INTENDED FOR U					
USA	REG	AIR	PEL	SE IN PACKAGING, TRANSPORTING OR HOLDING FOOD				APR1983	CFRUS* 29(1910), 673, 1981
USA	REC	AIR	TLV	TWA: 240 MG/M3 (50 PPM), SKIN ABSORPTION				SEP1985	ACGIH* 1984-85, 9, 1984
				(SKIN ABSORPTION)				JUN1974	
USA	REG	FOOD	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR				JUL1983	CFRUS* 21, 114, 1981
		USE		TICLES INTENDED FOR USE IN PACKAGING, TRANSPO					
				RTING OR HOLDING FOOD					
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU				APR1983	CFRUS* 40(180.1001), 258, 1981
		FEED		IREMENTS IN PLANT PRODUCTS WHEN USED ACCORDIN					
				G TO GOOD AGRICULTURAL PRACTICE AS INERT (OR					
				OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES					
				APPLIED TO GROWING CROPS FOR SOME SPECIFIED					
				PURPOSES.					
USA	REG	AIR	RSTR	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTAN				JUN1983	CFRUS* 29(1910), 166, 1981
		USE		CE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME					
				EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSUR					
				E FOR A SPRAY OPERATION) MUST BE SUCH AS TO D					
				ILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMI					
				CAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 1.1% BY					
				VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING O					
				F EXTERIORS OF BUILDINGS, ETC.)					

KK8050000 2-ETHOXYETHANOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG	AIR	OC	MPC	22MAY1979	MAY1985 ADECT* 351, -, 1979
DEU	REG	AIR	OC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OC	RQR RQR RSTR	10OCT1980	JUN1986 BGBl** I. S. 140, 140, 1982
DEU	REG	LABEL PACK USE	- - OC	RQR RQR RSTR	10OCT1980	JUN1986 BGBl** I. S. 140, 140, 1982
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
EEC	REG	LABEL PACK	- -	RQR RQR	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	- - - -	CLASS RQR RQR RSTR	1JAN1984	JAN1983 OJEC** L213, 17, 1982
GBR	REG	TRNSP LABEL	- -	CLASS RQR	28MCH1979	JAN1983 GBRSI* 1702, 1, 1978

TWA : 370 MG/M3 (100 PPM) (SKIN ABSORPTION),
STEL : 560 MG/M3 (150 PPM) (SKIN ABSORPTION)
8H-TWA: 75MG/M3 (20PPM); 30MI-STEL: 150MG/M3
(40PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS
ABSORPTION) (VP=CA.0.5KPA AT 20C). ACCORDING
TO THE INFORMATION AVAILABLE, A RISK OF ADVER
SE EFFECTS IN OFFSPRING MUST BE CONSIDERED
POSSIBLE. SUCH EFFECTS CANNOT BE EXCLUDED EVE
N IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHI
N THE MAK LIMIT.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18, 1982).
HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
AND PREGNANT OR NURSING WOMEN.
(BGBl I. S. 1071, 1536/2159, 1980. AND BGBl I. S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR
EPARATIONS CONTAINING THE SOLVENT AT A CONCEN
TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL
DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS
CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE
S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC,
IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIC.
(BGBl I. S. 1071, 1536/2159, 1980. AND BGBl I. S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THIS COMPOUND BELONGS TO CLASS II.
THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST
NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN
ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE
NT, THE MASS CONCENTRATION MUST NOT EXCEED
0.15G/M3.

XI - IRRITANT. FLAMMABLE (R 10). IRRITATING
TO EYES (R 36). AVOID CONTACT WITH SKIN (S
24).

IRRITANT SUBSTANCE MEMBER STATES SHALL ENSUR
E THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE
NOT PLACED ON THE MARKET UNLESS THEIR PACKAGE
S AND FASTENINGS AND LABELS COMPLY WITH THE R
EQUIREMENTS LAID DOWN
LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID.
EMERGENCY ACTION CODE : 25

GBR	REG	LABEL - PACK AIR	RQR RECL	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	APR1986	GBRSI# 17, 1, 1983
GBR	REC	AQ	MAC	8H-TWA: 370MG/M3 (100PPM). STEL(10MI-TWA): 560MG/M3 (150PPM). SKIN ABSORPTION	OCT1985	GNHSE* EH40/85, 1, 1985
IMO	REC	TRNSP LABEL PACK AIR	MAR IN CLASS	HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR	OCC	TWA : 19 MG/M3 (5 PPM)(SKIN ABSORPTION) (TENTATIVE VALUE) VALUES ARE: TWA	28MCH1985	JUL1986 SAICLB 27, 210, 1985
SUN	REG	AQ	MAC	1.0 MG/L	OCT1983	SEP1985 PDKVO* 2932-83, -, 1983
SUN	REG	AIR	PSL	0.7MG/M3 1X/D	DEC1983	SEP1985 OBUAV* 2947-83, -, 1983
SWE	REG	AIR	HLV	1D-TWA: 70MG/M3 (20PPM). STEL(15MIN-TWA): 190MG/M3 (50 PPM), SKIN ABSORPTION. (WHEN CAL CULATING A HYGIENIC EFFECT FOR MIXTURES OF GL YCOL-ETHERS AND OTHER SOLVENTS THE FOLLOWING VALUES FOR CELLOSOLVE SHOULD BE USED: 1D-TWA: 350MG/M3 (100PPM), AND STEL(15MIN-TWA): 600MG/M3 (150PPM)).	01JAN1985	JAN1985 AFS*** 1984:5, 10, 1984
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982	UNTDG* -, 11, 1986
USA	REC	AIR	OCC	TWA: 9MG/M3 (5PPM) (SKIN ABSORPTION)	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REC	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPO RTING OR HOLDING FOOD	JUL1983	CFRUS* 21, 114, 1981
USA	REG	AIR	OCC	IN SPRAY FINISHING OPERATIONS, IF THE SUBSTAN CE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSUR E FOR A SPRAY OPERATION) MUST BE SUCH AS TO D ILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMI CAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 1.8% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING O F EXTERIORS OF BUILDINGS, ETC.)	JUN1983	CFRUS* 29(1910), 166, 1981
USA	REG	AIR	OCC	TWA: 740 MG/M3 (200PPM), SKIN ABSORPTION	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981

KL5775000 METHYL GLYCOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	28FEB1986	JUN1986 GMBL** 7,93-143, 1986
DEU	REC	AIR	OCC	MAK	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE		ROR RQR RSTR	10OCT1980	JUN1986 BGBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE		RQR ROR RSTR	10OCT1980	JUN1986 BGBL** I.S. 140, 140, 1982
DEU	REC	AQ STORE TRNSP		CLASS	APR1986	GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK		RQR RQR	APR1986	OJEC** L. 106, 18, 1982

THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.

8H-TWA: 15MG/M3 (5PPM); 30MI-STEL: 30MG/M3 (10PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION). (VP = APPROX. 1.1KPA AT 20C). ACCORDING TO THE INFORMATION AVAILABLE, A RISK OF ADVERSE EFFECTS IN OFFSPRING MUST BE CONSIDERED POSSIBLE. SUCH EFFECTS CANNOT BE EXCLUDED EVEN IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT.

THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB. (BGBL I.S. 1071, 1536/2159, 1980 AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).

THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

XN - HARMFUL. FLAMMABLE (R 10). HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). IRRITATING TO RESPIRATORY SYSTEM (R 37). AVOID CONTACT WITH SKIN AND EYES (S 24/25).

EEC	REG	CLASS PACK LABEL SALE	REG	CLASS AIR PACK TRNSP LABEL	REG	CLASS AIR OCC - MARIN CLASS PACK	REG	CLASS RQR RQR RSTR CNTRL RQR RQR CLASS HLV	CLASS HARMFUL SUBSTANCE (CLASS II/C) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOL VENTS) ARE NOT PLACED ON THE MARKET UNLESS TH EIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN 8H-TWA: 16MG/M3 (5PPM) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HAZARD CLASS: 3, 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. TWA: 16 MG/M3 (5PPM) (TENTATIVE VALUE) 0.3MG/M3 1X/D GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE 1D-TWA: 30MG/M3 (10PPM), STEL(15MIN-TWA): 80MG/M3 (25PPM), SKIN ABSORPTION. (WHEN CALCU LATING A HYGIENIC EFFECT FOR MIXTURES OF GLYC OL ETHERS AND OTHER SOLVENTS THE FOLLOWING VA LUES FOR GLYCOL MONOMETHYL ETHER SHOULD BE US ED: 1D-TWA: 80MG/M3 (25PPM), STEL(15MIN-TWA): 160MG/M3 (50PPM)). HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. TWA: 80MG/M3 (25PPM); STEL: 120MG/M3 (35PPM). (INTENDED TO BE CHANGED TO: TWA: 16MG/M3 (5PP M), SKIN ABSORPTION. MAY BE USED AS A COMPONENT OF ADHESIVES IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPO RTING OR HOLDING FOOD THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU IREMENTS IN PLANT PRODUCTS WHEN USED ACCORDIN G TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES. IN SPRAY FINISHING OPERATIONS, IF THE SUBSTAN CE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSUR E FOR A SPRAY OPERATION) MUST BE SUCH AS TO D ILUTE THE VAPOUR TO AT LEAST 25% OF THE CHEMI CAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 2.5% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING O F EXTERIORS OF BUILDINGS, ETC.) TWA: 80 MG/M3 (25PPM)	REG	CLASS AIR OCC OCC	REG	CLASS AIR OCC OCC
GBR	REG	AIR OCC	REG	AIR OCC	1 JAN 1984	JAN 1983	OJEC**	L213, 17, 1982					
GBR	REG	AIR OCC	REG	AIR OCC	01 JUL 1985	OCT 1985	GNHSE*	EH40/85, 1, 1985					
IMO	REG	AIR OCC	REG	AIR OCC	SEP 1982	APR 1986	GBRSI*	17, 1, 1983					
JPN	REG	AIR OCC	REG	AIR OCC	28 MCH 1985	JUL 1986	SAIGLB	27, 213, 1985					
SUN	REG	AIR OCC	REG	AIR OCC	DEC 1983	SEP 1985	OBUAV*	2947-83, -, 1983					
SWE	REG	AIR OCC	REG	AIR OCC	23 NOV 1983	OCT 1984	STINAF*	1983: 6, 1, 1983					
SWE	REG	AIR OCC	REG	AIR OCC	01 JAN 1985	JAN 1985	AFS***	1984: 5, 10, 1984					
UN	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	SEP 1982	UNTDC*	-	11, 1986					
USA	REC	AIR OCC	REC	AIR OCC	SEP 1985	ACGIH*	1984-85, 9, 1984						
USA	REG	FOOD USE	REG	FOOD USE	JUL 1983	CFRUS*	21, 114, 1981						
USA	REG	FOOD FEED	REG	FOOD FEED	APR 1983	CFRUS*	40(180.1001), 258, 1981						
USA	REG	AIR OCC	REG	AIR OCC	JUN 1983	CFRUS*	29(1910), 166, 1981						
USA	REG	AIR OCC	REG	AIR OCC	JUN 1974	APR 1983	CFRUS*	29(1910), 673, 1981					

KL5950000 METHYL CELLOSOLVE ACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	MPC	TWA : 120 MG/M3 (25 PPM) (SKIN ABSORPTION), S TEL : 180 MG/M3 (40 PPM) (SKIN ABSORPTION)	MAY1985	ADECT* 351,-,1979
DEU	REC	AIR	OCC	MAK	8H-TWA: 25MG/M3 (5PPM); 30MI-STEL: 50MG/M3 (10PPM) AVERAGE VALUE, 4X/SHIFT. (CUTANEOUS ABSORPTION). (VP = APPROX. 1.1KPA AT 20C). ACCORDING TO THE INFORMATION AVAILABLE, A RIS K OF ADVERSE EFFECTS IN OFFSPRING MUST BE CONSIDERED POSSIBLE. SUCH EFFECTS CANNOT BE EXCLUDED EVEN IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK LIMIT.	JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	THIS SOLVENT IS CLASSIFIED IN CLASS IIB THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR EPARATIONS CONTAINING THE SOLVENT AT A CONCEN TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986 BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	- -	RQR RQR	XN - HARMFUL, FLAMMABLE (R 10). HARMFUL BY IN HALATION AND IN CONTACT WITH SKIN (R 20/21). AVOID CONTACT WITH SKIN (S 24).	APR1986	OJEC** L. 106, 18, 1982
EEC	REG	CLASS PACK LABEL SALE	- - - -	CLASS RQR RQR RSTR	HARMFUL SUBSTANCE (CLASS I1/D). MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SO LVENTS) ARE NOT PLACED ON THE MARKET UNLESS T HEIR PACKAGES AND FASTENINGS AND LABELS COMPL Y WITH THE REQUIREMENTS LAID DOWN	1JAN1984	APR1986 OJEC** L213, 17, 1982
GBR	REC	AIR	OCC	CNTRL	8H-TWA: 24MG/M3 (5PPM).	01JUL1985	CNHSE* EH40/85, 1, 1985
GBR	REG	TRNSP LABEL	- -	CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S)	28MCH1979	JAN1983 GBRSI* 1702,1,1978
GBR	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L. 106, 18, 1982)	1SEP1978	APR1986 GBRSI* 17, 1, 1983
JPN	REC	AIR	OCC	MAC	TWA : 22 MG/M3 (5PPM) (SKIN ABSORPTION) (TENTATIVE VALUE)	28MCH1985	JUL1986 SAIGLB 27, 215, 1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 50MG/M3 (10PPM); STEL(15MI-TWA): 120 MG/M3 (25PPM); SKIN ABSORPTION.	1JAN1985	JAN1985 AFS*** 1984:5, 10, 1984

11/550

USA
USA

REC AIR
REG AIR

OCC
OCC

TLV
PEL

TWA: 24MG/M3 (5PPM); SKIN ABSORPTION
TWA : 120 MG/M3 (25 PPM)

SEPT1985 ACGIH* 1984-85, 9, 1984
APRT1986 CFRUS* 29(1910), 673, 1981

KN1575000 BIS(CHLOROMETHYL) ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE LABEL PACK	CLASS ROR RSTR	CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	1APR1985	AUG1985	HPMZC* 56, -, 1984
CSK DEU	REG REC	AIR AIR	MAC MAK	TWA: 0.00025MG/M3, CLV: 0.00050MG/M3 CARCINOGENIC WORKING MATERIAL - PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED.	MCH1985	AUG1985 JAN1986	HPMZC* 58, -, 1985 DFSK** XXI, 16, 1985
DEU	REG	USE	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 0.5 G/KG (0.05%); GROUP II (HIGHLY DANGEROUS); <0.5-0.05 G/KG (<0.05-0.005%); GROUP III (DANGEROUS); <0.05-0.005 G/KG (<0.005-0.0005%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	MAY1982		BGBL** I.S.772,777-779,1980
DEU	REG	LABEL PACK USE	ROR ROR RSTR		10OCT1980	JUN1986	BGBL** I.S.140,140,1982
EEC	REG	LABEL PACK	ROR ROR	T - TOXIC. VERY TOXIC BY INHALATION (R 26). DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS (R 39). AVOID CONTACT WITH SKIN AND EYES (S 24/25). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=1 KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY	APR1986		OJEC** L.106,18,1982
EEC	REG	MANUF USE	CLASS INDST ROR		8JAN1984	DEC1982	OJEC** L230,1,1982

USA	REG	CLASS MANUF EXPRT	REG AQ	EMI WASTE MXL	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS AN IMPLEMENT OF WAR (LACHRYMATOR AND TEARGAS). REQUIREMENTS CONCERNING REGISTRATION, MANUFACTURE LICENSING, AND EXPORT ARE SPECIFIED.	JUL1983 CFRUS* 22(121), 323, 1981
USA	REG	CLASS MANUF EXPRT	REG AQ	EMI WASTE MXL	CLASS RQR	HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET TREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 52226, 1982; 48, 15382, 1983)	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	CLASS WASTE	REG WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOUS WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981
USA	REG	CLASS MANUF USE STORE OCC LABEL	REG WASTE		CLASS RQR WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. (DOES NOT APPLY TO SOLID OR LIQUID MIXTURES CONTAINING LESS THAN 0.1% (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENTS), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING.	JUN1983 CFRUS* 29(1910), 684, 1981
USA	REG	CLASS WASTE	REG WASTE		CLASS RQR	IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE CHLOROMETHYLENE IS RATED AS A PERSISTENT COMPOUND. CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM) ; 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	10DEC1982 JUN1983 FEREAC 47, 31230, 1982
USA	REG	CLASS WASTE	REG WASTE		CLASS RSTR RQR		APR1983 CFRUS* 40(261), 362, 378, 1981

KN1750000 BIS(2-CHLOROISOPROPYL) ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REG	CLASS LABEL SALE	RQR RSTR	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS	JUL1965	JUL1983	JPPDL* -, -,
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE.	APR1981	JUN1986	JPAGR* -, -, 1983
SUN USA	REG AQ	AIR AQ	OCC EMI WASTE	CLV: 5.0MG/M3 (VAPOUR) HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED FEREC 47, 28260, 1982)			OCT1985 OBUVR* 2381-81, -, 1981 MAY1986 CFRUS* 40(403), 8, 1981
USA	REG	WASTE	RQR	(THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)		MAY1986	CFRUS* 40(261), 376, 1981
USA	REG	WASTE	RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED.	19NOV1980	MAY1986	CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.	19NOV1980	MAY1986	CFRUS* 40(261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.	22JUL1981	MAY1986	CFRUS* 40(264), 455, 1981
USA	REG AQ	EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THAT THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.		MAY1986	CFRUS* 40(122.53), 121, 1981

KN6650000 CHLOROMETHYL METHYL ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	AIR AIR	OCC OCC	MAC MAK	MCH1985	AUG1985 JAN1986	HPMZY* 58, -, 1985 DFSK** XXI, 16, 1985
DEU	REG	USE	OCC	RSTR	10CT1980	JUN1986	BGBL** I.S. 140, 140, 1982
<p>TWA: 0.003MG/M3, CLV: 0.007MG/M3 CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (VP=21.3 KPA AT 20C) (REFERS TO TECHNICAL GRADE, WHICH CAN BE CONTAMINATED WITH UP TO 7% BY DICHLORO DIMETHYL ETHER) CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP II (HIGHLY DANGEROUS); <10.0-1.0 G/KG (<1.0-0.1%); GROUP III (DANGEROUS); <1.0 G/KG (0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW</p> <p>(BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN). IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=1 KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY. HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID. PACKING GROUP: I, II = SUBSTANCE PRESENTING MEDIUM DANGER. CLV : 0.5 MG/M3 (VAPOUR) (AS HYDROGEN CHLORIDE) GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. IT IS NOT PERMITTED TO MANUFACTURE, USE OR HANDLE THE SUBSTANCE.</p> <p>TECHNICAL METHYL CHLOROMETHYL ETHER IS INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T'.</p>							
DEU	REG	AIR	IMI	RQR			
DEU	REG	AIR	IMI	RQR			
DEU	REG	SOIL	IMI	RQR			
DEU	REG	SED	IMI	RQR			
EEC	REG	MANUF USE	INDST	CLASS RQR	8JAN1984	DEC1982	OJEC** L230, 1, 1982
IMO	REC	TRNSP LABEL	MARIN	CLASS			
SUN	REG	AIR	OCC	MAC	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	CLASS	OCC	CLASS	23NOV1983	OCT1984	STNAF* 1983:6, 1, 1983
SWE	REG	AIR	OCC	PRO	01JAN1985	JAN1985	AFS*** 1984:5, 41, 1984
SWE	REG	MANUF USE	PRO	PRO			
SWE	REG	CLASS LABEL	CLASS RQR	CLASS RQR	28FEB1986	JUN1986	STNAF* 1985:7(PK29), 1, 1985
SEP1982							IMCOC* 4, 10003, 1977
MAY1982							BGBL** I.S. 772, 777-779, 1980

UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982 UNTDC* - , 11, 1986
USA	REC	AIR OCC	TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA.	SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	WASTE	GLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	MANUF USE STORE OCC LABEL	RQR WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVOLVING THE SUBSTANCE MUST TAKE PLACE WITHIN CLOSED OR ISOLATED SYSTEMS WITHIN THAT AREA. (DOES NOT APPLY TO SOLID OR LIQUID MIXTURES CONTAINING LESS THAN 0.1% (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, VENTILATION, WARNING, SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING	JUN1983 CFRUS* 29(1910), 684, 1981
USA	REG	AQ	EMI CLASS WASTE MXL	HAZARDOUS WASTE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET LIMITS OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 43382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	WASTE	GLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
KN8400000		NITROFEN					
CSK	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
FAO/WHO	REC	FOOD FOOD FEED	ADI GL GL	ADI: NOT ESTABLISHED. GL: WHEAT STRAW: 0.05MG/KG; WHEAT: 0.01MG/KG. (LEVELS REFER TO NITROFEN ALONE - WITHOUT METABOLITES).		APR1986	FPPDD 56, 60, 1984
GBR	REC	USE	AGRIC PRO	USE AS A HERBICIDE IN AGRICULTURE AND HORTICULTURE WITHDRAWN BECAUSE OF EVIDENCE OF MUTAGENIC, CARCINOGENIC AND TERATOGENIC HAZARD.	1981		
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUN1986	JPAGR* -, -, 1983
SUN	REG	FOOD	PRO	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.	JUN1983	OCT1985	MDUPP* 2823-83, -, 1983
SUN	REG	AIR	AMBI MAC	ADI = 0.006MG/KG (CALCULATED VALUE). 0.02MG/M3 1X/D; 0.01MG/M3 AV/D (CALCULATED VALUES)		JUN1982	PKTV* -, -, 1978
SUN	REG	AQ	SURF MAC		OCT1983	SEPT1985	PKVO* 2932-83, -, 1983
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
SWE	REG	USE	AGRIC PRO	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	JAN1982	OCT1985	SCHSB* -, -, 1982
USA	REG	AQ	EMI CLASS WASTE MXL	BANNED BECAUSE OF ITS TERATOGENIC AND CARCINOGENIC EFFECTS ON EXPERIMENTAL ANIMALS. HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND TREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)	09FEB1979	SEP1986	PKB*** 09FEB, -, 1979
USA	REG	FOOD FEED	AGRIC ARL	(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 52826, 1982; 48, 15382, 1983) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.02-0.75 MG/KG (INCLUDING METABOLITES CONTAINING THE DIPHENYL ETHER LINKAGE)		JUL1983	CFRUS* 40(180), 152, 1981

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USA

REG USE AGRIC PRO

THE MANUFACTURER HAS AGREED WITH THE ENVIRONM 1980

SEP1986 FEREAC 49,2151,1984

ENTAL PROTECTION AGENCY TO STOP SELLING AND
TO RECALL FROM ITS DEALERS, DISTRIBUTORS AND
USERS ALL EXISTING STOCKS. EVIDENCE FROM A ST
UDY SUPPORTED BY THE COMPANY, AS WELL AS OTHE
R STUDIES, SHOWS THE WEED KILLER CAUSES BIRTH
DEFECTS, MUTAGENIC DAMAGE AND CANCER IN TEST
ANIMALS.

KN8970000 DIPHENYL ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
					FOR DIPHENYL ETHER VAPOUR: 8H-TWA: 7MG/M3 (1 PPM)		
					8H-TWA: 7MG/M3 (1PPM).		
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
					8H-TWA: 0.5MG/M3 (CUTANEOUS ABSORPTION) (APPLIES TO CHLORINATED DIPHENYL OXIDES).		
DEU	REC	AQ STORE TRNSP		CLASS		APR1986	GMBL** 11(G3191A), 173, 1985
					THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARMFUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).		
					IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.		
SUN	REG	AIR	OCC	MAC		JAN1977	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI	PSL		DEC1983	OBUAV* 2947-83, -, 1983
USA	REG	AIR	OCC	PEL		JUN1974	CFRUS* 29(1910), 673, 1981
USA	REC	AIR	OCC	TLV		SEP1985	ACGIH* 1984-85, 9, 1984
					TWA: 7 MG/M3 (1PPM) (VAPOUR)		
					TWA: 7MG/M3 (1PPM); STEL: 14MG/M3 (2PPM) (AS VAPOUR).		

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

K04200000 TRICHLORODIPHENYL OXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		JAN1986 DFKS** XXI, 16, 1985
USA	REC	AIR	OCC	TLV		SEP1985 ACGIH* 1984-85, 9, 1984
USA	REG	AQ	EMI CLASS WASTE MXL	8H-TWA: 0.5MG/M3 (CUTANEOUS ABSORPTION) (APPLIES TO CHLORINATED DIPHENYL OXIDES). TWA: 0.5MG/M3: STEL: 2MG/M3 (WITH OTHER CHLORINATED DIPHENYL OXIDES). HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET T OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 11769, 1983; 48, 2774, 1983; 48, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) TWA: 0.5 MG/M3 (WITH OTHER CHLORINATED DIPHENYL OXIDES)		JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	AIR	OCC	PEL	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981

KU9625000 CHLOROETHYLENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR OCC	AL	398 MG/M3 (156 PPM) (HAZARDOUS DEGREE : MAXIM UM) CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYEE TO AUTHORITIES. REQUIREMENTS AND RESTRICTIO NS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.	1APR1985	AUG1982	SMTBR* 3, 141, 1980
CSK	REG	USE OCC	CLASS RQR RSTR	0.1 MG/M3, AV/D 0.3 MG/M3, AV/0.5 H COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE FINA L PRODUCTS: 0.001MG/G. TWA: 10.0MG/M3, CLV: 30.0MG/M3 1Y-TWA: 8MG/M3 (3PPM) (IN EXISTING INSTALLATI ONS FOR VC AND PVC PRODUCTION); 5MG/M3 (2PPM) (IN OTHERS) CARCINOGENIC WORKING MATERIAL PROVEN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLIS HED.	MCH1985	AUG1985 JAN1986	HPMZC* 56, -, 1984 DFSK** XXI, 66, 1985
CSK	REC	AIR AMB/I	MAC			MAY1982	AHEM** SUPPL. 6, -, 1975
CSK	REG	FOOD GOODS	PRMT MXL		JUL1978	AUG1984	HPMZC* 42, -, 1978
CSK	REG	AIR OCC	MAC			AUG1985	HPMZC* 58, -, 1985
DEU	REC	AIR OCC	TRK			JAN1986	DFSK** XXI, 66, 1985
DEU	REC	AIR OCC	MAK			JAN1986	DFSK** XXI, 16, 1985
DEU	REG	USE OCC	RSTR	CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGE ROUS); GREATER THAN OR EQUAL TO 10.0 G/KG (1.0%); GROUP III (DANGEROUS): <10.0-1.0 G/KG (< 1.0-0.1%). THE USE AND HANDLING OF MATERIALS BELONGING TO GROUPS I AND II MUST BE REPORTE D BY THE EMPLOYER TO THE AUTHORITIES. THE AU THORITIES MAY FORBID THE EMPLOYER THE USE OF THE MATERIAL IF A LESS HARMFUL SUBSTITUTE EXI STS. CERTAIN SECURITY MEASURES ARE LISTED WH ICH THE EMPLOYER HAS TO FOLLOW. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). MARKETING OF VINYL CHLORIDE AS A PROPELLANT FOR AEROSOLS IS PROHIBITED. FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN). 6 MG/M3 (3 PPM) (LONG TERM LIMIT). A SPECIFI C METHOD OF ANALYSIS IS REFERRED TO IN: OJEC* * (L.197), 12,78. SPECIFIC SECURITY MEASURES ARE REQUIRED WHERE THE CONCENTRATION CAN EXCE ED THE LIMIT. MEDICAL SURVEILLANCE OF WORKER S AT CERTAIN TIME PERIODS IS OBLIGATORY. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	SALE USE LABEL PACK USE	PRO SEL RQR RSTR		27JUL1978	MAY1982	BGBL** IS.1138,1138,1978
DEU	REG	USE LABEL PACK USE	PRO SEL RQR RSTR		10CT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	AIR OCC	MXL RQR		10CT1980	JUN1986	BGBL** I.S.140,140,1982

GBR	REG	AIR	EMI	RQR	IT SHALL BE THE DUTY OF THE PERSON HAVING CONTROL OF ANY PREMISES OF A CLASS DESCRIBED ELSEWHERE UNDER THIS REFERENCE TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING THE EMISSION INTO THE ATMOSPHERE FROM THE PREMISES OF NOXIOUS OR OFFENSIVE SUBSTANCES SUCH AS VINYL CHLORIDE AND FOR RENDERING HARMLESS AND INOFFENSIVE SUCH SUBSTANCES AS MAY BE SO EMITTED.	APR1986	GBRSI*	943,1,1983
IMO	REC	TRNSP LABEL PACK AIR	MAR IN CLASS	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES WHEN INHIBITED)	SEP1982	IMCOC*	4,10003,1977
JPN	REC	AIR	OCC	CLASS	INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS	JUL1986	SAIGLB	27,195-219,1985
JPN	REC	OCC	OCC	MAC	SUBSTANCE INCLUDED IN THE LIST OF CARCINOGENIC IONS SHOULD BE KEPT BELOW THE DETECTION LIMIT AS FAR AS POSSIBLE) (INCLUDED IN THE TENTATIVE LIST OF OCCUPATIONAL CARCINOGENS)	JUL1986	SAIGLB	27,195-219,1985
JPN	REG	GOODS	GOODS	MPC	VINYL CHLORIDE SHOULD NOT BE DETECTABLE BY INFRARED-ABSORPTION SPECTROSCOPY IN AEROSOL PRODUCTS FOR HOUSEHOLD USE	JUL1983	CHPHS*	-,-,1974
JPN	REG	GOODS	GOODS	PRO	THIS COMPOUND SHOULD NOT BE DETECTED IN HOUSEHOLD AEROSOL PRODUCTS	NOV1985	CHPHS*	-,-,1982
JPN	REG	GOODS	GOODS	PRO	VINYL CHLORIDE IS BANNED AS AN INGREDIENT IN AEROSOLS AND COSMETICS FOR REASONS OF CARCINOGENICITY. EXPORT IS PROHIBITED.	SEP1986	JNPAB*	490,-,1974
SUN	REG	AIR	AMBI	PSL	0.005MG/M3 TX/D	DEC1983	OBVAV*	2947-83,-,1983
SUN	REG	AIR	OCC	MAC	CLV: 0.1MG/M3 (VAPOUR)	AUG1985	PKAD*	2114-79,-,1979
SUN	REG	AQ	SURF	MAC	0.05MG/L	OCT1983	PKVO*	2932-83,-,1983
SWE	REG	CLASS	OCC	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	23NOV1983	STNAF*	1983:6,1,1983
SWE	REG	AIR	OCC	HLV	TWA : 3 MG/M3 (1 PPM). STEL : 13 MG/M3 (5 PPM) SKIN ABSORPTION. CARCINOGENIC	01JAN1985	AFS***	1984:5,10,1984
SWE	REG	FOOD LABEL	CLASS	MPC	TWA, REFERS TO '1D-TWA', STEL, REFERS TO '15MIN-TWA'	1JUL1980	STLIF*	1980:3,1,1980
SWE	REG	CLASS LABEL	RQR	RQR	ALL FOOD: 0.01MG/KG. INCLUDED IN THE PRODUCT CONTROL BOARD'S GUIDANCE LIST OF SUBSTANCES WHICH SHOULD BE LABELLED ACCORDING TO THEIR CARCINOGENIC POTENTIAL. THE SUBSTANCE SHOULD BE CLASSIFIED AS A VERY HAZARDOUS PRODUCT WITH THE SYMBOL 'T1'	28FEB1986	STNAF*	1985:7(PK29),1,1985
UN	REC	TRNSP LABEL PACK AIR	OCC	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). (APPLIES TO INHIBITED VINYL CHLORIDE)	SEP1982	UNTDG*	-,-,11,1986
USA	REC	AIR	OCC	TLV	TWA: 10 MG/M3 (5 PPM). HUMAN CARCINOGEN. AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	SEP1985	ACGIH*	1984-85,9,1984
USA	REC	WASTE	WASTE	RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. PERMIT AND NOTIFICATION REQUIREMENTS. (AMEN	JUL1983	CFRUS*	40(264),455,1981
USA	REC	WASTE	WASTE	RQR	DED : FERAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM) ; 48,11157,1983 (ENFORCEMENT GUIDANCE)	APR1983	CFRUS*	40(261),362,378,1981

USA 18 JUL 1980 MAY 1983 CFRUS* 40(122.53), 121, 1981

USA REG AQ EMI WASTE RQR

PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)

JUL 1983 CFRUS* 40(403), 8, 1981

USA REG AQ EMI WASTE RQR CLASS MXL

TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47,42688,1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46,57286,1981; 47,23258,1982; 47,24534,1982; 47,24524,1982; 47,28260,1982; 47,38810,1982; 47,41738,1982; 47,45382,1982; 47,51075,1982; 47,52206,1982; 47,52290,1982; 47,53172,1982; 47,54232,1982; 47,54598,1982; 48,1769,1983; 48,2774,1983; 48,131176,1983)

JUN 1983 CFRUS* 29(1910), 74 INDEX, 1981

USA REG AIR OCC PEL

(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983)
TWA: 1PPM (2.6 MG/M3); CLV: 5PPM (13 MG/M3) (NOT MORE THAN 15 MIN). NO DIRECT CONTACT WITH LIQUID VINYL CHLORIDE

JUN 1983 CFRUS* 29(1910), 745, 1981

USA REG OCC AIR LABEL RQR PEL WARN

A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE VINYL CHLORIDE OR POLYVINYL CHLORIDE ARE MANUFACTURED, PACKAGED, STORED, HANDLED, USED, TRANSPORTED, ETC. (BUT NOT WHERE FABRICATED PRODUCTS MADE OF POLYVINYL CHLORIDE ARE HANDLED OR USED) IF CONCENTRATIONS OF VINYL CHLORIDE EXCEED 0.5PPM (1.3MG/M3)(TWA). REQUIREMENTS FOR MONITORING, EMPLOYEE TRAINING, RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, WARNING SIGNS REFERRING TO VINYL CHLORIDE, AS A CANCER-SUSPECT AGENT, MEDICAL SURVEILLANCE OF EMPLOYEES, LABELLING OF CONTAINERS, DECONTAMINATION AND EMERGENCY PROCEDURES, RECORDKEEPING AND REPORTING

APR 1983 CFRUS* 40, 533, 1981

USA REG AIR EMI MXL RQR

THE EMISSION STANDARDS IN CASES RELEASED TO THE ATMOSPHERE ARE SPECIFIED FOR DIFFERENT EQUIPMENT AND PROCESSES IN ETHYLENE DICHLORIDE, VINYL CHLORIDE AND POLYVINYL CHLORIDE PLANTS. REQUIREMENTS CONCERNING EMISSION TESTING (GC + FLAME IONIZATION DETECTION), MONITORING, LEAK DETECTION, AND REPORTING ARE SPECIFIED (AMENDED: FEREAC 47,39168,1982)

APR 1983 CFRUS* 40, 539, 1981

USA REG WASTE AIR EMI MXL

IN ETHYLENE DICHLORIDE, VINYL CHLORIDE AND POLYVINYL CHLORIDE PLANTS, BEFORE DISCHARGE OR EXPOSURE TO THE ATMOSPHERE OF PROCESS WASTE WATER THE CONC. MUST NOT EXCEED 10PPM

USA	REG	AIR	EMI	RQR	DESCRIPTION	DATE
USA	REG	AIR	EMI	RQR	THE ADMINISTRATOR MAY EXEMPT CERTAIN SPECIFIC STATIONARY SOURCES FROM MONITORING REQUIREMENTS FOR VINYL CHLORIDE IF CONCENTRATIONS IN THE AREA ARE, AND EMISSION INCREASES FROM THE NEW SOURCE WOULD CAUSE AIR QUALITY IMPACTS OF LESS THAN 15UG/M3 (24-HOUR AVERAGE). (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS)	MAY1983 CFRUS* 40, 30, 1981
USA	REG	AIR	AMBI EMI	RQR	CONSTRUCTION PERMIT, CONTROL TECHNOLOGY, AIR QUALITY ANALYSIS, MONITORING AND OTHER REQUIREMENTS ARE SPECIFIED FOR NEW AND MODIFIED STATIONARY SOURCES EMITTING VINYL CHLORIDE IN AREAS WHERE THE CONC. MEETS THE NATIONAL AIR QUALITY STANDARD. (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS.)	APR1983 CFRUS* 40, 28, 1981
USA	REG	AQ	TRNSP	RQR	WHEN CERTAIN SPECIFIED VESSELS CARRYING VINYL CHLORIDE IN BULK ARE BOUND FOR OR DEPARTING FROM U.S. PORTS THE CAPTAIN OF THE PORT MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE AND BE GIVEN CERTAIN INFORMATION	JUL1983 CFRUS* 33(161), 813, 1981
USA	REG	TRNSP		RSTR RQR CLASS	VINYL CHLORIDE, WHEN CARRIED IN BULK, IS CLASSIFIED AS A "CARGO OF PARTICULAR HAZARD" FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WATERFRONT FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.	JUL1983 CFRUS* 33(126), 613, 1981
USA	REG	GOODS		PRO RQR	ANY SELF-PRESSURIZED PRODUCT INTENDED OR SUITABLE FOR HOUSEHOLD USE CONTAINING VINYL CHLORIDE MONOMER AS AN INGREDIENT OR IN THE PROPELLANT IS BANNED AS A HAZARDOUS PRODUCT BECAUSE IT POSSESSES SUCH A DEGREE OF HAZARD THAT AN EQUATE CAUTIONARY LABELLING CANNOT BE WRITTEN AND PUBLIC HEALTH CAN ONLY BE SERVED BY KEEPING IT OUT OF INTERSTATE COMMERCE	JUL1983 CFRUS* 16(1500), 302, 1982
USA	REG	WASTE		CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NO TIFICATION REQUIREMENTS. (AMENDED: FEREC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		CLASS RSTR RQR	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE		RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	USE	OCC	RSTR	NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE EXPLOSIVE/IGNITABLE MIXTURES OF THE SUBSTANCE ARE PRESENT	JUN1983 CFRUS* 29(1910), 419, 1981

APR1986 CFRUS* 29(1910),419,1981

NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE THE SUBSTANCE IS PRESENT IN SUFFICIENT QUANTITIES TO PRODUCE EXPLOSIVE/IGNITABLE MIXTURES.

ALL PESTICIDE PRODUCTS CONTAINING VINYL CHLORIDE, WHETHER AN ACTIVE OR INERT INGREDIENT, FOR USES IN THE HOME, FOOD HANDLING ESTABLISHMENTS, HOSPITAL OR IN ENCLOSED AREAS, HAVE BEEN CANCELLED OR SUSPENDED BY THE ENVIRONMENTAL PROTECTION AGENCY.

REG USE OCC RSTR

USA

REG USE AGRIC PRO

USA

JAN1975

SEP1986 FEREAC 40,3494,1975

KV0350000 POLY(VINYL CHLORIDE)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	HUMAN FOOD	PRMT	CONTACT WITH FOOD PERMITTED. REQUIREMENTS ON COMPOSITION OF PLASTIC MATERIAL ARE GIVEN.	JUL1978	MAY1982	HPM2C* 42, -, 1978
DEU	REC	AIR OCC	MAK	8H-TWA: 5MG/M3 OF FINE DUST WHICH CAN REACH THE ALVEOLAR AREAS OF THE LUNGS.		JAN1986	
GBR	REC	AIR OCC	RECL	8H-TWA: 10MG/M3 OF TOTAL DUST AND 5MG/M3 OF RESPIRABLE DUST.		OCT1985	GNHSE* EH40/85, 1, 1985
SUN	REG	AIR OCC	MAC	CLV : 6.0 MG/M3 (AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
USA	REG	FOOD USE	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD		JUL1983	CFRUS* 21, 114, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.		APR1983	CFRUS* 40(180.1001), 264, 1981
USA	REG	OCC AIR LABEL	RQR PEL WARN	A REGULATED AREA MUST BE ESTABLISHED BY THE EMPLOYER WHERE VINYL CHLORIDE OR POLYVINYL CHLORIDE ARE MANUFACTURED, PACKAGED, STORED, HANDLED, USED, TRANSPORTED, ETC. (BUT NOT WHERE FABRICATED PRODUCTS MADE OF POLYVINYL CHLORIDE ARE HANDLED OR USED) IF CONCENTRATIONS OF VINYL CHLORIDE EXCEED 0.5 PPM (1.3 MG/M3) (TWA). REQUIREMENTS FOR MONITORING, EMPLOYEE TRAINING, RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, WARNING SIGNS REFERRING TO VINYL CHLORIDE AS A CANCER-SUSPECT AGENT, MEDICAL SURVEILLANCE OF EMPLOYEES, LABELLING OF CONTAINERS, DECONTAMINATION AND EMERGENCY PROCEDURES, RECORDKEEPING AND REPORTING		JUN1983	CFRUS* 29(1910), 745, 1981
USA	REG	FOOD	PRMT	RESINOUS AND POLYMERIC COATINGS WHICH ARE ALLOWED TO BE USED AS FOOD-CONTACT SURFACES OF ARTICLES INTENDED FOR USE IN PRODUCING, MANUFACTURING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD, MAY BE FORMULATED FROM THIS SUBSTANCE. (AS THE BASIC POLYMER)		JUL1983	CFRUS* 21(175), 130, 1981
USA	REG	FOOD	PRMT	RESINOUS AND POLYMERIC COATINGS INTENDED FOR POLYOLEFIN FILMS AND ALLOWED TO BE USED AS FOOD-CONTACT SURFACES OF ARTICLES INTENDED FOR USE IN PRODUCING, MANUFACTURING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD, MAY BE FORMULATED FROM THIS SUBSTANCE. (AS THE BASIC POLYMER)		JUL1983	CFRUS* 21(175), 130, 1981
USA	REG	FOOD	PRMT	T SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)		JUL1983	CFRUS* 21(176), 172, 1981

USA REG FOOD FEED ARL AUG1981 5AUG1981 AUG1983 FEREAC 46,39826,1981

EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IN OR ON COTTONSEED IS MADE FOR POLYVINYL CHLORIDE (FILM AND RESIN) WHEN USED AS AN INERT CONTROLLED-RELEASE DISPENSER FOR FORMULATION OF THE ATTRACTANT GOSSYPLURE ((Z,Z-) AND (Z,E-) 7,11-HEXADECADIEN-1-OL ACETATE) TO DISRUPT THE MATING OF THE PINK BOLLWORM

USA REG FOOD FEED ARL 11MAY1983 OCT1985 FEREAC 48,21133,1983

EXEMPTION FROM TOLERANCE REQUIREMENTS IS MADE FOR POLYBUTENES, POLYVINYLCHLORIDE AND BUTYL BENZYLPHthalate, WHEN COMBINED WITH EACH OTHER AND USED AS INERT INGREDIENTS IN MULTI-LAYERED DISPENSERS OF PESTICIDE FORMULATIONS INTENDED TO DISRUPT THE MATING OF ARTICHOKE PLUME MOTH

(AMENDMENT OF CFR 40(180,1001))

KV9275000 1,1-DICHLOROETHYLENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL		AUG1982	SMTBR** 3, 142, 1980
DEU	REG	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	10CT1980	JUN1986	BCBL** I.S. 140, 140, 1982
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980	JUN1986	BCBL** I.S. 140, 140, 1982
DEU	REG	AIR	EML	MXL	28FEB1986	JUN1986	GMBL** 7, 93-143, 1986
EEC	REG	LABEL PACK		RQR RQR		APR1986	OJEC** L. 106, 18, 1982

31 MG/M3 (8 PPM) (FOR 48H/WK) (HAZARDOUS DEGR
EE : MAXIMUM)
8H-TWA: 8MG/M3 (2PPM); 30MI-STEL: 16MG/M3 (4P
PM) AVERAGE VALUE, 4X/SHIFT. SUSPECT OF CARCI
NOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE
TENTATIVELY RETAINED. (VP=66.7KPA AT 20C).
THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPR
ING IF EXPOSURE OF PREGNANT WOMEN IF KEPT WIT
HIN THE MAK LIMIT.

FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
18, 1982).
HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
AND PREGNANT OR NURSING WOMEN.
(BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR
EPARATIONS CONTAINING THE SOLVENT AT A CONCENT
TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL
DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS
CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE
S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC.
IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB.
(BGBL I.S. 1071, 1536/2159, 1980, AND BGBL I.S.
2069, 1980 AS LAST AMENDED BY THE REFERENCE
GIVEN).

THIS COMPOUND BELONGS TO CLASS I.
THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST
NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN
ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE
NT, THE MASS CONCENTRATION MUST NOT EXCEED
0.15G/M3.

F - FLAMMABLE. XN - HARMFUL. (NOTE D). EXT
REMELY FLAMMABLE (R 12). HARMFUL BY INHALATI
ON (R 20). POSSIBLE RISKS OF IRREVERSIBLE EF
FECTS (R 40). KEEP CONTAINER TIGHTLY CLOSED
(S 7). KEEP AWAY FROM SOURCES OF IGNITION -
NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS
(S 29). (IF THE SUBSTANCE IS NOT STABILIZED,
THIS MUST BE STATED ON THE LABEL BY ADDING T
HE WORD "NON-STABILIZED" AFTER THE NAME OF TH
E SUBSTANCE.)

EEC	REG	GOODS	PRO	DESCRIPTION	DATE	STATUS
			PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. EEC DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN. HARMFUL SUBSTANCE (CLASS 11/B) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN IN THE LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3YE (APPLIES TO INHIBITED VINYLIDENE CHLORIDE)		
EEC	REG	CLASS LABEL SALE	CLASS RQR RQR RSTR	8H-TWA: 40MG/M3 (10PPM). STEL(10MI-TWA): 80MG/M3 (20PPM) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).	JUN1986 OJEC** L149, 38, 1986	
GBR	REG	TRNSP LABEL	CLASS RQR	HAZARD CLASS: 3, 1 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES WHEN INHIBITED) CLV : 50.0 MG/M3 (VAPOUR) TWA : 20 MG/M3 (5 PPM) STEL : 40 MG/M3 (10 PP M)	JAN1983 OJEC** L213, 17, 1982	
GBR	REC	AIR OCC	RECL	'TWA' REFERS TO '10-TWA'. 'STEL' REFERS TO 'STEL(15MIN-TWA)'. HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	28MCH1979 JAN1983 GBRSI* 1702, 1, 1978	
GBR	REG	LABEL -	RQR -	TWA: 20MG/M3 (5PPM); STEL: 80MG/M3 (20PPM). THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	OCT1985 GNHSE* EH40/85, 1, 1985	
IMO	REC	TRNSP LABEL	CLASS RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1986 GBRSI* 17, 1, 1983	
SUN	REG	AIR OCC	MAC		SEP1982 IMCOC* 4, 10003, 1977	
SUN	REG	AQ SURF	PSL		JAN1977 JUN1982 GOSTS* 12.1.005, -, 1976	
SWE	REG	AIR OCC	HLV		OCT1983 SEP1985 PDKVO* 2932-83, -, 1983	
UN	REC	TRNSP LABEL	CLASS		O1JAN1985 JAN1985 AFS*** 1984:5, 10, 1984	
USA	REC	AIR WASTE	RQR		SEP1982 UNTDC* -, 11, 1986	
USA	REC	AIR WASTE	RQR		SEP1985 ACGIH* 1984-85, 9, 1984	
USA	REC	WASTE	RQR		19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981	
USA	REG	WASTE	RQR		APR1983 CFRUS* 40(261), 362, 378, 1981	
USA	REG	AQ WASTE	RQR		18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981	

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WHO REC AQ DRINK GL 0.3 UG/L

MCH1983 WHODW# -,17,1983

1.00 mg/L
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 93.00 mg/L
 94.00 mg/L
 95.00 mg/L
 96.00 mg/L
 97.00 mg/L
 98.00 mg/L
 99.00 mg/L
 100.00 mg/L

MCH1983 WHODW# -,17,1983

KV9360000 1,2-DICHLOROETHYLENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
CSK DEU	REG REG	AIR AIR	IMI EMI	MAC MXL	0.1MG/M3, AV/D: 0.3MG/M3, AV/05H THIS COMPOUND BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. 8H-TWA: 790MG/M3 (200PPM); 30MI-STEL: 1580MG/M3 (400PPM) AVERAGE VALUE, 4X/SHIFT. (VP=22.0 KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	MAY1982 JUN1986	28FEB1986	AHEM** SUPPL. 6, -, 1975 GMBL** 7, 93-143, 1986
DEU	REG	AIR	OCC	MAK	0.15G/M3. 8H-TWA: 790MG/M3 (200PPM); 30MI-STEL: 1580MG/M3 (400PPM) AVERAGE VALUE, 4X/SHIFT. (VP=22.0 KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JAN1986	DFSK** XXI, 16, 1985	
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	0.15G/M3. 8H-TWA: 790MG/M3 (200PPM); 30MI-STEL: 1580MG/M3 (400PPM) AVERAGE VALUE, 4X/SHIFT. (VP=22.0 KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	BGBL** I.S.140,140,1982	
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	THIS SOLVENT IS CLASSIFIED IN CLASS IIB TO PR THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10CT1980	BGBL** I.S.140,140,1982	
EEC	REG	LABEL PACK	- -	RQR RQR	THIS SOLVENT IS CLASSIFIED IN CLASS IIB TO PR THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	APR1986	OJEC** L.106,18,1982	
EEC	REG	CLASS PACK LABEL SALE	- - - -	CLASS RQR RQR RSTR	THIS SOLVENT IS CLASSIFIED IN CLASS IIB TO PR THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	1JAN1984	OJEC** L213,17,1982	
EEC	REG	GOODS	-	PRO	THIS SOLVENT IS CLASSIFIED IN CLASS IIB TO PR THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	JUN1986	OJEC** L149,38,1986	

EEC DIRECTIVE 76/768/EEC - OJEC L262,169,1976 - AS LAST AMENDED BY THE REFERENCE GIVEN.

GBR	REC	AIR	OCC	RECL	8H-TWA: 790MG/M3 (200PPM). STEL(10MI-TWA): 1000MG/M3 (250PPM). (APPLIES WHEN THE RATIO CIS:TRANS ISOMERS IS 60:40) FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.106, 18, 1982)	DATE	REG
GBR	REG	LABEL PACK USE	OCC	RQR		15EP1978	APR1986 GBRSI* 17, 1, 1983
JPN	REC	AIR	OCC	RSTR			JUL1986 SAIGLB 27, 195-219, 1985
USA	REC	AIR	OCC	MAC			SEP1985 ACGIH* 1984-85, 9, 1984
USA	REC	AIR	OCC	TLV			APR1986 CFRUS* 29(1910), 166, 1981
USA	REG	AIR	OCC	RSTR			
USA	REG	AQ	OCC	RSTR			
USA	REG	WASTE	OCC	PEL			APR1986 CFRUS* 29(1910), 673, 1981
USA	REG	WASTE	EMI	CLASS			MAY1986 CFRUS* 40(403), 8, 1981
USA	REG	WASTE	WASTE	MXL			
USA	REG	WASTE	CLASS	RSTR			19NOV1980 MAY1986 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	RQR			
USA	REG	WASTE	CLASS	RSTR			19NOV1980 MAY1986 CFRUS* 40(261), 368, 1981
USA	REG	WASTE	RQR	RQR			
USA	REG	WASTE	RQR	RQR			22JUL1981 MAY1986 CFRUS* 40, 455, 1981
USA	REG	FOOD	PRMT	PRMT			MAY1986 CFRUS* 21, 114, 1981

IN SPRAY FINISHING OPERATIONS, IF THE SUBSTANCE IS USED AS A SOLVENT, THE TOTAL AIR VOLUME EXHAUSTED THROUGH A SPRAY BOOTH (AN ENCLOSURE FOR A SPRAY OPERATION) MUST BE SUCH AS TO DILUTE THE VAPOUR TO AT LEAST 25% OF THE SUBSTANCE LOWER EXPLOSIVE LIMIT, WHICH IS 9.7% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING OFF EXTERIORS OF BUILDINGS, ETC)
 TWA : 790 MG/M3 (200 PPM)
 DICHLOROETHYLENES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIAL (AMENDED FERAC 47-28260, 1982)
 ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THAT THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (APPLIES TO ALL DICHLOROETHYLENES)
 THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A 'TOXIC WASTE' SUBJECT TO REGULATION AND NOTIFICATION REQUIREMENTS.
 AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE A 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT.
 (APPLIES TO ALL DICHLOROETHYLENES).
 MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD.

EEC	REG	MANUF - USE	INDST	CLASS	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 T IN THE DIRECTIVE ON THE MAJOR ACCIDE NT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVIT Y INVOLVING, OR POSSIBLY INVOLVING, ONE OR MO RE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE AL L THE MEASURES NECESSARY TO PREVENT MAJOR ACC IDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN A ND THE ENVIRONMENT, AND TO NOTIFY THE COMPETE NT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY PESTICIDE PREPARATIONS WHICH CONTAIN ETHYLENE OXIDE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CA NNOT BE PLACED ON THE MARKET UNLESS THEIR PAC KAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78 /631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).	REG	DATE	REF
EEC	REG	CLASS PACK LABEL SALE		RQR RQR RSTR		APR1986	OJEC** L144, 1, 1984	
GBR	REG	LABEL PACK		RQR		APR1986	GBRSI* 17, 1, 1983	
GBR	REG	TRNSP LABEL		RQR		JAN1983	GBRSI* 1702, 1, 1978	
GBR	REC	AIR USE	OCC INDST	CNTRL RQR		1 JAN1983	OCT1985 CNHSE* EH40/85, 1, 1985 APR1986 GBRSI* 1357, 1, 1982	
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.).	SEPT1982	IMCOC* 4, 10003, 1977	
IND	REG	OCC STORE LABEL RMV		RQR WARN	CODE OF SAFETY INCL. STORAGE, HANDLING, LABEL LING (WARN), PREVENTIVE MEASURES, EDUCATION AND TRAINING, PROTECTIVE EQUIPMENT, FIRST-AID , TANK AND EQUIPMENT CLEANING AND REPAIRS, WA STE DISPOSAL THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE VALUES ARE: TWA 90 MG/M3 (50 PPM)	DEC1982	INDS** IS:6269, -, 1971	
JPN	REG	USE	AGRIC	PRMT		JUN1986	JPAGR* -, -, 1983	
JPN	REG	AIR	OCC	MAC		JUL1986	SAIGLB 27, 195-219, 1985	
KEN	REG	FOOD		PRMT		SEP1982	GSKEN* 40, 363, 1978	
SUN	REG	AIR	OCC	MAC		JAN1977	GOSTS* 12, 1, 005, -, 1976	
SUN	REG	AIR	AMBI	MAC		AUG1984	SEPT1985 PDKAV* 3086-84, -, 1984	
SUN	REG	FOOD		PRO		JUN1983	OCT1985 MDUPP* 2823-83, -, 1983	
SWE	REG	CLASS		CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE. RECLASSIFIED AS POISONOUS, EFFECTIVE 1 JAN1985 10-TWA: 9MG/M3 (5PPM), SKIN ABSORPTION, CARCI NOGENIC. STEL(15MIN-TWA): 18MG/M3 (10PPM). (FOR NEW AND RENOVATED PLANTS A 10-TWA OF 1.8 MG/M3 (1PPM) IS DESIRED)	23NOV1983	OCT1984 STNAF* 1983:6, 1, 1983	
SWE	REG	AIR	OCC	HLV		01JAN1985	AFS*** 1984:5, 10, 1984	

USA	REG	AQ	EMI	RQR	WHEN CERTAIN SPECIFIED VESSELS CARRYING ETHYLENE OXIDE IN BULK ARE BOUND FOR OR DEPARTING FROM U.S. PORTS THE CAPTAIN OF THE PORT MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE AND BE GIVEN CERTAIN INFORMATION	JUL1983	CFRUS*	33(161), 813, 1981
USA	REG	TRNSP	RSTR	RQR	ETHYLENE OXIDE, WHEN CARRIED IN BULK, IS CLASSIFIED AS A "CARGO OF PARTICULAR HAZARD" FOR PURPOSES OF REGULATIONS GOVERNING HANDLING OF DANGEROUS CARGOES IN OR CONTIGUOUS TO WATERFRONT FACILITIES. A PERMIT IS REQUIRED FOR HANDLING SUCH CARGO.	JUL1983	CFRUS*	33(126), 613, 1981
USA	REG	FOOD	PRMT		MAY BE USED AS A COMPONENT OF THE FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, PREPARING, TREATING, PACKING, TRANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A FUMIGANT IN SIZING)	JUL1983	CFRUS*	21(176), 172, 1981
USA	REG	TRNSP	RQR		AFTER 31 DEC 1986, SPECIFICATION 105 AND 111 TANKERS CONSTRUCTED BEFORE 1 SEP 1981 HAVING A CAPACITY EXCEEDING 18500 US GALLONS AND WHICH CARRY ETHYLENE OXIDE MUST BE EQUIPPED WITH LOWER HALF TANK HEAD PROTECTION AND EITHER HIGH TEMPERATURE THERMAL INSULATION AND SAFETY RELIEF VALVES, OR HIGH TEMPERATURE THERMAL INSULATION AND CURRENTLY INSTALLED RELIEF VALVES. (AMENDMENT OF CFR 46(179)).	01MAR1984	OCT1985	FEREAC 49, 3468, 1984
USA	REG	AIR	OCC	PEL	TWA: 1PPM. ABOVE AN "ACTION LEVEL" OF 0.5PPM AS AN 8-HOUR TWA, THE EMPLOYERS MUST INITIATE CERTAIN COMPLIANCE ACTIVITIES SUCH AS PERIODIC EMPLOYEE EXPOSURE MONITORING AND MEDICAL SURVEILLANCE. (AMENDMENT OF 29(1910)).	21AUG1984	OCT1985	FEREAC 49, 25734, 1984

KX3850000 ETHYLENE, TETRACHLORO-

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES	
BRA	REG	AIR	OCC	AL	525 MG/M3 (78 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)	AUG1982 SMTBR** 3, -, 1980	
CSK	REG	AIR	OCC	MAC	TWA: 250.0MG/M3; CLV: 1250.0MG/M3	AUG1985 HPMZC** 58, -, 1985	
CSK	REC	AIR	AMBI	MAC	1.0 MG/M3, AV/D	MAY1982 AHEN** SUPPL. 6, -, 1975	
DEU	REG	AIR	EMI	MXL	4.0 MG/M3, AV/0.5 H THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.	28FEB1986	JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	LABEL - PACK - USE	ROR ROR RSTR		FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	LABEL PACK USE	ROR ROR RSTR		THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSE S IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THIS SOLVENT IS CLASSIFIED IN CLASS IIB. (BGBL I.S.1071, 1536/2159, 1980, AND BGBL I.S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	OCC	MAK	8H-TWA: 345MG/M3 (50PPM); 30MI-STEL: 690MG/M3 (100PPM) AVERAGE VALUE, 4X/SHIFT. (VP=1.9KPA AT 20C). THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK AND BAT LIMITS. TETRACHLOROETHYLENE IN BLOOD: 1.0MG/L AND IN ALVEOLAR AIR: 64MG/M3 (9.5PPM) (SAMPLING CA. 16 HOURS AFTER END OF SHIFT)	JAN1986	DFSK** XXI, 16, 1985
DEU	REC	AIR	OCC	BAT	THE CONTENT OF TRICHLOROETHYLENE OR PERCHLOROETHYLENE IN EXHAUST AIR FROM DRY CLEANING ENTERPRISES SHOULD NOT EXCEED 30PPM. OTHER REQUIREMENTS CONCERNING THE TECHNICAL EQUIPMENT IN SUCH ENTERPRISES USING TRICHLOROETHYLENE OR PERCHLOROETHYLENE ARE ALSO LAID DOWN.	JAN1986	DFSK** XXI, 80, 1985
DEU	REG	AIR	EMI	MPC RQR		23JAN1975	JUN1986 BGBL** I.S.2130, 2130, 1974

APR1986 GMBL** 11(G3191A), 173, 1985

CLASS THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL). IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

REC AQ STORE TRNSP

APR1986 OJEC** L.106, 18, 1982

RQR - HARMFUL. HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). KEEP OUT OF REACH OF CHILDREN (S 2). AVOID CONTACT WITH EYES (S 25). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.

REG LABEL PACK
REG GOODS

JUN1986 OJEC** L149, 38, 1986

PRO

REG

JAN1984 JAN1983 OJEC** L213, 17, 1982

CLASS HARMFUL SUBSTANCE (CLASS 11/B) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN IN THE ANNEX TO THE DIRECTIVE. THE MARKETING OF DANGEROUS PREPARATIONS WHICH DO NOT COMPLY WITH THE REQUIREMENTS LAID DOWN IN THE ANNEX TO THE DIRECTIVE IS PROHIBITED.

REG CLASS PACK LABEL SALE

APR1986 OJEC** L197, 37, 1979

PRO

REG USE GOODS

APR1986 GBRSI* 17, 1, 1983

ROR FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

REG LABEL PACK

JAN1983 GBRSI* 1702, 1, 1978

ROR LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE

REG TRNSP LABEL

OCT1985 GNHSE* EH40/85, 1, 1985

RECL 8H-TWA: 670MG/M3 (100PPM). STEL(10MI-TWA): 1000MG/M3 (150PPM)

REG REC AIR OCC

SEP1982 IMCOC* 4, 10003, 1977

HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.

REC REC AIR OCC

JUL1986 SAIGLB 27, 195-219, 1985

MAC THE SUBSTANCE IS REGISTERED AND APPROVED AS A MINOR DANGER.

REC REC AIR OCC

JUN1986 JPACR* -, -, 1983

PRMT THE SUBSTANCE IS REGISTERED AND APPROVED AS A MINOR DANGER.

REG USE

JUL1983 CHPHS* -, -, 1983

MPC THE AMOUNT IN AEROSOL PRODUCTS AND CLEANSERS FOR HOUSEHOLD USE SHOULD BE LESS THAN 0.1% (GC WITH ELECTRON-CAPTURE DETECTION)

REG GOODS

NOV1985 CHPHS* -, -, 1982

MXL THE MAXIMUM PERMITTED TETRACHLOROETHYLENE CONCENTRATION IN HOUSEHOLD AEROSOL PRODUCTS AND HOUSEHOLD CLEANSERS IS 0.1% BY WEIGHT

REG GOODS

JUN1986 JJWMA* 53, 185-9, 1984

MPC MAXIMUM PERMISSIBLE CONCENTRATION (PROVISIONAL): 0.01MG/L

REG AQ DRINK

JUN1982 GOSTS* 12.1.005, -, 1976

MAC CLV: 10.0MG/M3 (VAPOUR)

REG AIR OCC

SEP1985 PDKAV* 3086-84, -, 1984

MAC 0.5MG/M3 1X/D, 0.06MG/M3 AV/D.

REG AIR AMBI

SEP1985 PDKVO* 2932-83, -, 1983

PSL 0.02MG/L

REG AQ SURF

OCT1984 STNAF* 1983: 6, 1, 1983

CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE

REG CLASS

JAN1985 AFS** 1984: 5, 10, 1984

HLV 350MG/M3 (50PPM)

REG AIR OCC

SEP1982 UNTDC* -, 11, 1986

CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.

REC TRNSP LABEL PACK

SEP1985 ACGIH* 1984-85, 9, 1984

TLV TWA: 335MG/M3 (50PPM). (STEL: 1340MG/M3 (200PPM) IS INTENDED TO BE ADDED)

REC AIR OCC

JUL1983 CFRUS* 21, 114, 1981

PRMT MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD

REG FOOD USE

USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO ANIMALS FOR SOME SPECIFIED PURPOSES.	APR1983 CFRUS* 40(180.1001), 264, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	AQ	EMI WASTE	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AIR	OCC	TWA: 100PPM (678 MG/M3); CLV: 200PPM (1357 MG/M3) (MAXIMUM ACCEPTABLE PEAK FOR 5 MINUTES IN ANY 3-HOUR PERIOD: 300PPM (2035 MG/M3))	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	USE	OCC	REQUIREMENTS CONCERNING THE LOCATION OF DEGREEASING AND OTHER CLEANING OPERATIONS INVOLVING CHLORINATED HYDROCARBONS IN CONNECTION WITH WELDING OPERATIONS. IN ADDITION IT IS REQUIRED THAT TRICHLOROETHYLENE AND TETRACHLOROETHYLENE BE KEPT OUT OF ATMOSPHERES PENETRATED BY THE UV-RADIATION OF GAS-SHIELDED WELDING OPERATIONS.	JUN1983 CFRUS* 29(1910), 556, 1981
USA	REG	AQ	EMI WASTE MXL	TETRACHLOROETHYLENE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.	JUL1983 CFRUS* 40(403), 8, 1981

(AMENDED: FEREAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FEREAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)
 (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)
 CERTAIN VISUAL NOVELTY DEVICES WHICH CONTAIN NO MORE THAN 105 ML PERCHLOROETHYLENE, WHERE OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM LABELLING REQUIREMENTS UNDER THE HAZARDOUS PRODUCT REGULATION
 CLASS ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED (AMENDED: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)
 THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR)
 10 UG/L (TENTATIVE GUIDELINE VALUE)

USA	REG	GOODS LABEL	RQR	JUL1983	CFRUS* 16(1500), 332, 1982
USA	REG	WASTE	RSTR RQR	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	WASTE	RQR	APR1983	CFRUS* 40(261), 376, 1981
WHO	REC	AQ	DRINK GL	MCH1983	WHODW* -, 17, 1983

KX4550000 TRICHLOROETHYLENE

AREA	TYPE	SUBJECT	DESOR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	AIR AIR	OCC EMI	MAC MXL	MCH1985 28FEB1986	AUG1985 JUN1986	HPM ² ZC* 58, -, 1985 GMBL** 7, 93-143, 1986
				TWA: 250.0MG/M3; CLV: 1250.0MG/M3 THIS COMPOUND BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3.			
DEU	REC	AIR	OCC	BAT		JAN1986	DFSK** XXI, 80, 1985
				WHOLE BLOOD: 5MG/L AS TRICHLOROETHANOL; URINE: 100MG/L OF TRICHLOROACETIC ACID (SAMPLING END OF WORK WEEK, END OF SHIFT) FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).			
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1986	BGBL** I. S. 140, 140, 1982
				HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGENIC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I. S. 1071, 1536/2159, 1980, AND BGBL I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).			
DEU	REC	AIR	OCC	MAK		JAN1986	DFSK** XXI, 16, 1985
				8H-TWA: 260MG/3 (50PPM); 30MI-STEL: 1300MG/M3 (250PPM) AVERAGE VALUE, 2X/SHIFT. SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. (VP=7.7KPA AT 20C). THERE IS NO RISK OF ADVERSE EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT WOMEN IS KEPT WITHIN THE MAK AND BAT LIMITS.			
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10OCT1980	JUN1986	BGBL** I. S. 140, 140, 1982
				THIS SOLVENT IS CLASSIFIED IN CLASS IIB THE REQUIREMENTS AND RESTRICTIONS APPLY TO PREPARATIONS CONTAINING THE SOLVENT AT A CONCENTRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS CLASSIFIED. THE GROUPS INCLUDE: POISON CLASSES: IA, IB, IC HARMFUL CLASSES: IIA, IIB, IIC, IID (BGBL I. S. 1071, 1536/2159, 1980, AND BGBL I. S. 2069, 1980 AS LAST AMENDED BY THE REFERENCE GIVEN).			
DEU	REG	AIR	EMI	MPC RQR	23JAN1975	JUN1986	BGBL** I. S. 2130, 2130, 1974
				THE CONTENT OF TRICHLOROETHYLENE OR PERCHLOROETHYLENE IN EXHAUST AIR FROM DRY CLEANING ENTERPRISES SHOULD NOT EXCEED 30PPM. OTHER REQUIREMENTS CONCERNING THE TECHNICAL EQUIPMENT IN SUCH ENTERPRISES USING TRICHLOROETHYLENE OR PERCHLOROETHYLENE ARE ALSO LAID DOWN.			

APR1986 GMBL** 11(G3191A), 173, 1985

CLASS THIS SUBSTANCE IS CLASSIFIED AS VERY HARMFUL TO WATER (CLASS 3). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.
 RQR - HARMFUL. HARMFUL BY INHALATION AND IF SWALLOWED (R-20/22). KEEP OUT OF REACH OF CHILDREN (S-2). AVOID CONTACT WITH EYES (S-25).
 CLASS HARMFUL SUBSTANCE (CLASS 11/B) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.
 PRO MAY NOT BE USED IN ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS.
 NO ADI ALLOCATED.

APR1986 OJEC** L. 106, 18, 1982

RQR CLASS HARMFUL SUBSTANCE (CLASS 11/B) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

JAN1983 OJEC** L213, 17, 1982

RQR CLASS HARMFUL SUBSTANCE (CLASS 11/B) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLUTIONS) ARE NOT PLACED ON THE MARKET UNLESS THEIR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.
 PRO MAY NOT BE USED IN ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS.
 NO ADI ALLOCATED.

APR1986 OJEC** L197, 37, 1979

PRO MAY NOT BE USED IN ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS.
 NO ADI ALLOCATED.

DEC1982 WHOTAC 653, 34, 1980

ADI HUMAN FOOD

APR1986 BGBL** 17, 1, 1983

RQR LABEL - FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18, 1982).

JAN1983 GBRSI* 1702, 1, 1978

RQR CLASS LABELLING OF ROAD TANKERS : HARMFUL SUBSTANCE . EMERGENCY ACTION CODE : Z2

OCT1985 GNHSE* EH40/85, 1, 1985

CNTRL 8H-TWA: 535MG/M3 (100PPM); 10MI-TWA: 802MG/M3 (150PPM). SKIN ABSORPTION.

JUN1986 GBRSI* 1973:36, 1, 1973

RSTR IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED.
 (INDIA) RUBBER MANUFACTURE REGULATION 1922 S.1.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN

SEP1982 IMCOC* 4, 10003, 1977

HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES.

JUL1986 SAIGLB 27, 195-219, 1985

MAC 268 MG/M3 (50 PPM) PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.

JUL1983 CHPHS* -, -, 1983

MPC THE AMOUNT IN AEROSOL PRODUCTS AND CLEANSERS FOR HOUSEHOLD USE SHOULD BE LESS THAN 0.1% (GC WITH ELECTRON-CAPTURE DETECTION)

JUN1986 JJWMA* 53, 185-9, 1984

MPC MAXIMUM PERMISSIBLE CONCENTRATION (PROVISIONAL): 0.03MG/L

JUN1982 GOSTS* 12.1.005, -, 1976

MAC CLV : 10.0 MG/M3 (VAPOUR)

SEP1985 PDKAV* 3086-84, -, 1984

MAC 4.0 MG/M3 1X/D; 1.0 MG/M3 AV/D.

SEP1985 PDKVO* 2932-83, -, 1983

PSL 0.06MG/L

OCT1984 STNAF* 1983:6, 1, 1983

CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE

JAN1985 AFS*** 1984:5, 10, 1984

HLV TWA : 110 MG/M3 (20 PPM) STEL : 250 MG/M3 (50 PPM)

'TWA' REFERS TO '1D-TWA'

'STEL' REFERS TO 'STEL(15MIN-TWA)'

DEU REC AQ STORE TRNSP

EEC REG LABEL PACK

EEC REG CLASS LABEL SALE

EEC REG USE GOODS

FAO/WHO REC HUMAN FOOD

GBR REG LABEL -

GBR REG TRNSP LABEL

GBR REG AIR OCC

GBR REG USE OCC

IMO REC TRNSP LABEL PACK

JPN REC AIR OCC

JPN REC GOODS

JPN REC AQ DRINK MPC

SUN REG AIR OCC

SUN REG AIR AMBI

SUN REG AQ SURF PSL

SWE REG CLASS

SWE REG AIR OCC

UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	SEP1982 UNTDG* -, 11, 1986
USA	REG	FOOD	MPC	THE FOOD ADDITIVE MODIFIED HOP EXTRACT: 150MG /KG	JUN1983 CFRUS* 21, 52, 1981
USA	REG	AIR OCC	TLV PRMT	TWA: 270MG/M3(50PPM), STEL: 1080MG/M3(200PPM) MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	SEP1985 ACGIH* 1984-85, 9, 1984 JUL1983 CFRUS* 21(175), 114, 1981
USA	REG	WASTE	CLASS RSTR RQR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 56382, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56588, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	AQ WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	FOOD USE	MPC PRMT	SPICE OLEORESINS: 30 MG/KG. (INCL. ALL CHLORINATED SOLVENTS) DECAFFEINATED COFFEE: 10-25 MG/KG (AFTER BEING USED IN THE PRODUCTION OF THE PRODUCT(S))	JUN1983 CFRUS* 21(173), 104, 1981
USA	REG	AIR OCC	PEL	TWA: 100PPM (536 MG/M3); CLV: 200PPM (1072 MG/M3) (ACCEPTABLE), 300PPM (1608 MG/M3) (MAXIMUM FOR 5 MINUTES IN ANY 2-HOUR PERIOD)	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	OCC	RQR	SPECIAL PRECAUTIONS MUST BE TAKEN TO PREVENT SOLVENT FUMES FROM ENTERING THE COMBUSTION AIR OF HEATERS IN HEATING VAPOUR DEGRASSING TANKS, WHEN CHLORINATED OR FLUORINATED HYDROCARBON SOLVENTS ARE USED.	JUN1983 CFRUS* 29 (1910), 174, 1981

JUN1983 CFRUS* 29(1910), 556, 1981

REQUIREMENTS CONCERNING THE LOCATION OF DEGREASING AND OTHER CLEANING OPERATIONS INVOLVING CHLORINATED HYDROCARBONS IN CONNECTION WITH WELDING OPERATIONS. IN ADDITION IT IS REQUIRED THAT TRICHLOROETHYLENE AND TETRACHLOROETHYLENE BE KEPT OUT OF ATMOSPHERES PENETRATED BY THE UV-RADIATION OF GAS-SHIELDED WELDING OPERATIONS

USA REG USE OCC RQR

10DEC1982 JUN1983 FERECAC 47,31230, 1982

IN ACCORDANCE WITH THE LAW REQUIRING THE PRESIDENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. A CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE 1,1,2-TRICHLOROETHYLENE IS RATED AS PERSISTENT COMPOUND. TRICHLOROETHYLENE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND RETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES

USA REG WASTE CLASS

JUL1983 CFRUS* 40(403), 8, 1981

(AMENDED: FERECAC 47,42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERECAC 46,57286, 1981; 47,23258, 1982; 47,24534, 1982; 47,24554, 1982; 47,28260, 1982; 47,38810, 1982; 47,41738, 1982; 47,45382, 1982; 47,51075, 1982; 47,52206, 1982; 47,52290, 1982; 47,53172, 1982; 47,54232, 1982; 47,54598, 1982; 48,1769, 1983; 48,2774, 1983; 48,13176, 1983) (ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848, 1982; 47,52226, 1982; 48,15382, 1983)

USA REG AQ EMI CLASS WASTE MXL

19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981

ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERECAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GUIDANCE).

USA REG WASTE CLASS RSTR RQR

APR1983 CFRUS* 40(261), 376, 1981

THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC/MS OR GC WITH HALIDE SPECIFIC DETECTOR) RESIDUES OF THIS SUBSTANCE, WHEN USED AS A SOLVENT IN CERTAIN SPECIFIED FOOD COLOUR ADDITIVES, MUST NOT EXCEED THE LIMITS SET FOR THE SAME SUBSTANCE IN SPICE OLEORESINS UNDER SPECIFIED FOOD ADDITIVE REGULATIONS

USA REG WASTE RQR

MAY1983 CFRUS* 21(73), 240, 1981

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

USA REG USE FOOD PRMT MPC

MAY1983 CFRUS* 40(116), 33, 1981

THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.

USA REG AQ EMI CLASS

MAY1983 CFRUS* 40(117), 44, 1981

SEP1985 ACGIH* 1984-85, 62, 1984

DEC1982 WHOTAC 664, 3, 1981

MCH1983 WHOTAC 664, 3, 1981

MCH1983 WHODW* -, 17, 1983

USA	REG AQ	EMI	RQR RSTR	UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANCE IN OR ON NAVIGABLE WATERS, ADJOINING SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
USA	REC AIR	OCC	BEI	TRICHLOROACETIC ACID IN URINE AT END OF WORK-WEEK: 100MG/L. TRICHLOROACETIC ACID AND TRICHLOROETHANOL IN URINE AT END OF SHIFT AND END OF WORK-WEEK: 300MG/L (320MG/G CREATININE). MEAN VALUES OF A GROUP TEST FOR WORKERS SUBJECTED TO A SIMILAR LEVEL OF OCCUPATIONAL EXPOSURE. FREE TRICHLOROETHANOL IN BLOOD AT END OF SHIFT AND END OF WORK-WEEK: 4MG/L. (THE DETERMINANTS ARE NONSPECIFIC SINCE DIFFERENT CHEMICALS MAY BEAR THE SAME BIOLOGICAL RESPONSE). TRICHLOROETHYLENE IN END-EXHALED AIR PRIOR TO SHIFT AND END OF WORK-WEEK: 0.5PPM. (THE DETE RMINANT IS A NONSPECIFIC INDICATOR OF EXPOSURE TO THE CHEMICAL). TWA: 135MG/M3. CLV: 1000MG/M3. IT WAS RECOMMENDED THAT TRICHLOROETHYLENE CONCENTRATIONS SHOULD BE REDUCED TO THE LOWEST LEVEL FEASIBLE. IT WAS ALSO RECOMMENDED THAT WELL DESIGNED EXPOSURE-HEALTH EFFECT STUDIES SHOULD BE CARRIED OUT.
WHO	REC AIR	OCC	MXL	TWA: 135MG/M3 (IN VIEW OF THE REPORTED CARCINOGENIC EFFECT, WHO ALSO RECOMMENDS THAT TRICH LOROETHYLENE CONCENTRATIONS SHOULD BE REDUCED TO THE LOWEST LEVEL FEASIBLE).
WHO	REC AQ	DRINK GL		STEL: 1000MG/M3 (15MI). 30 UG/L (TENTATIVE GUIDELINE VALUE)

LJ9100000 IRON(III) CHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
SUN	REG	AIR	MAC	0.004 MG/M3 AV/D (CALCULATED AS IRON)	AUG1984	SEP1985	PDKAV# 3086-84, -, 1984
SUN	REG	AQ	MAC	0.9MG/L	OCT1983	SEP1985	PDKVO# 2932-83, -, 1983
USA	REG	AQ	EMI	THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.		MAY1986	CFRUS# 40(116), 33, 1981

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RECOMMENDATIONS-LEGAL MECHANISMS

LK5060000 PBB'S

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR	MAY1982	BGBL** IS.772,777-779, 1980
EEC	REG	USE GOODS	PRO	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS IN WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. MAY NOT BE USED IN TEXTILE ARTICLES, SUCH AS GARMENTS, UNDER-GARMENTS AND LINEN INTENDED TO COME INTO CONTACT WITH THE SKIN.	NOV1984	APR1986 OJEC** L147,9, 1983

LK5065000 PBB

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR RQR RQR RQR	01AUG1980	MAY1982	BGBL** 1S.772,777-779,1980
USA	REG	USE	PRO	IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIES TO PREVENT AND TO LIMIT THE EFFECTS OF INCIDENTS WHERE THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE, OR EXPLODE AND CAUSE A PUBLIC DANGER. ALL USE OF HEXABROMOBIPHENYLS, THE MAIN PBB ISOMER USED IN INDUSTRIAL PROCESSES, WAS DISCONTINUED IN 1974 BECAUSE OF THE HAZARD TO HUMAN HEALTH DISCOVERED AFTER ITS ACCIDENTAL USE IN MICHIGAN IN 1973. THE ENVIRONMENTAL PROTECTION AGENCY HAS SINCE REQUIRED NOTIFICATION REGARDING ANY MANUFACTURE OR IMPORTATION OF PBBS. THE PURPOSE OF THIS REQUIREMENT IS TO CONFIRM THAT THERE ARE NO SIGNIFICANT SOURCES OF THESE SUBSTANCES AND TO ENSURE THAT EPA HAS THE OPPORTUNITY TO INVESTIGATE THE CIRCUMSTANCES OF ANY RESUMPTION OF PRODUCTION.	NOV1980	SEP1986	FEREAC 208,-,1980

LL4025000 FLUORANTHENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
USA	REG	WASTE	RQR	<p>THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERECAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).)</p> <p>AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FERECAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))</p> <p>PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS, 2) EVERY APPLICANT USING ANY OF SOME INDUSTRIAL PROCESSES LISTED. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: A) 100 UG/L, B) 5 TIMES THE MAXIMUM CONC. REPORTED IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (AMENDED: FERECAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)</p> <p>POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRAZENES, BENZOPYRENES, BENZOFLUORANTHENE, CHRYSENES, DIBENZANTHRAZENES, AND INDENOPYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FERECAC 47, 42688, 1982) (FURTHER LIMITATIONS/STANDARDS SET OR AMENDED FOR PARTICULAR INDUSTRIES: FERECAC 46, 57286, 1981; 47, 23258, 1982; 47, 24534, 1982; 47, 24554, 1982; 47, 28260, 1982; 47, 38810, 1982; 47, 41738, 1982; 47, 45382, 1982; 47, 51075, 1982; 47, 52206, 1982; 47, 52290, 1982; 47, 53172, 1982; 47, 54232, 1982; 47, 54598, 1982; 48, 1769, 1983; 48, 2774, 1983; 48, 13176, 1983)</p> <p>(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)</p>	19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981
USA	REG	WASTE	RQR		22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	AQ	EMI WASTE		18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI WASTE			JUL1983 CFRUS* 40(403), 8, 1981

USA	REG	AQ	EMI	CLASS	FLUORANTHENE IS AMONG OTHERS CLASSIFIED AS TO XIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO S ET OR HAS SET EFFLUENT LIMITATIONS AND PRETRE ATMENT STANDARDS FOR 21 MAJOR INDUSTRIES. (AMENDED: FEREAC 47,42688,1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL AR INDUSTRIES: FEREAC 46,57286,1981; 47,23258 ,1982; 47,24534,1982; 47,24554,1982; 47,28260 ,1982; 47,38810,1982; 47,41738,1982; 47,45382 ,1982; 47,51075,1982; 47,52206,1982; 47,52290 ,1982; 47,53172,1982; 47,54232,1982; 47,54598 ,1982; 48,1769,1983; 48,2774,1983; 48,13176 ,1983)	WASTE	MXL	JUL1983	CFRUS*
USA	REG	WASTE	CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC) IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).			19NOV1980	40(261), 358, 1981	
USA	REG	WASTE	CLASS	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS, PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE)			APR1983	40(261), 362, 378, 1981	
WHO	REC	AQ	DRINK	MXL	0.2UG/L (THE LIMIT INCL. THE SIX POLYNUCLEAR AROMATIC COMPOUNDS FLUORANTHENE; 3,4-BENZFLUORANTHENE; 1,12-BENZFLUORANTHENE; 3,4-BENZPYRENE; 1,12-BENZPERYLENE; AND INDENO(1,2,3-CD)PYRENE).		DEC1982	WHISD* 3, 32, 1971	

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
LP8925000	FORMALDEHYDE						
BRA	REG	AIR OCC	AL	2-3 MG/M3 (1.6 PPM) (FOR 48H/WK) (HAZARDOUS D EGREE : MAXIMUM)		AUG1982	SMTBR* 3, -, 1980
CSK	REG	AIR OCC	MAC	TWA: 0.5MG/M3; CLV: 1.0MG/M3	MCH1985	AUG1985	HPMZC* 58, -, 1985
CSK	REG	AIR AMBI	MAC	0.035 MG/M3, AV/D	JUL1981	MAY1982	HPMZC* 51, -, 1981
CSK	REG	GOODS	RSTR	0.05 MG/M3, AV/0.5 H	JAN1971	MAY1982	HPMZC* 32, -, 1970
CSK	REG	USE AGRIC	PRMT	USE IN COSMETICS RESTRICTED SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.	AUG1981	MAY1982	SPPOR* -, -, 1981
CSK	REG	FOOD GOODS	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT IN WATER EXT RACT OF THE FINAL PRODUCTS: 0.1MG/DM2 OF SURF ACE.	JUL1978	AUG1984	HPMZC* 42, -, 1978
DEU	REG	AIR EMI	MXL	THIS COMPOUND BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE NT, THE MASS CONCENTRATION MUST NOT EXCEED 0.15G/M3. PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI NG COLOURS, DEGREASING AGENTS, ETC., SHOULD B E CLASSIFIED AS POISONOUS WHEN THE CONCENTRAT ION IS >300 G/KG (30%), AND AS HARMFUL WHEN I T IS 50.0-300.0 G/KG (5-30%). (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	28FEB1986	JUN1986	GMBL** 7,93-143, 1986
DEU	REG	LABEL	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI NG COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATIO N IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%) (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	LABEL	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTI NG COLOURS, DEGREASING AGENTS ETC., SHOULD BE CLASSIFIED AS IRRITANT WHEN THE CONCENTRATIO N IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%) (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S.140,140,1982
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC L106, 18,1982). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND S) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S. 2069,1980 AS LAST AMENDED BY THE REFERENCE GIVEN).	10OCT1980	JUN1986	BGBL** I.S.140,140,1982

JAN1986 DFSK** XXI, 16, 1985

APR1986 GMBL** 11(C3191A), 173, 1985

APR1986 OJEC** L. 106, 18, 1982

APR1986 OJEC** L. 106, 18, 1982

JUN1986 OJEC** L149, 38, 1986

JUN1986 OJEC** L149, 38, 1986

8JAN1984 DEC1982 OJEC** L230, 1, 1982

8H-TWA: 1.2MG/M3 (1PPM); 5MI-STEL: 2.4MG/M3 (2PPM) CEILING VALUE, 8X/SHIFT. LOCAL IRRITANT SENSITIZATION. SUSPECT OF CARCINOGENIC POTENTIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.

THIS SUBSTANCE IS CLASSIFIED AS HARMFUL TO WATER (CLASS 2). (THE DIFFERENT CLASSES ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS 3 = VERY HARMFUL).

IN ORDER TO PROTECT WATER, APPROPRIATE SECURITY MEASURES SHOULD BE TAKEN ACCORDINGLY DURING STORAGE, LOADING AND TRANSPORT.

XI - IRRITANT. IRRITATING TO EYES AND RESPIRATORY SYSTEM (S 2). KEEP OUT OF REACH OF CHILDREN (S 2). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). (APPLIES TO FORMALDEHYDE CONCENTRATIONS OF 5-30%. THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL.)

T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). KEEP OUT OF REACH OF CHILDREN (S 2). IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S26). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER)(S 28). (APPLIES TO FORMALDEHYDE CONCENTRATIONS OF MORE THAN 30%. THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL. IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE). SUBSTANCE WHICH COSMETIC PRODUCTS MUST NOT CONTAIN EXCEPT SUBJECT TO CERTAIN RESTRICTIONS AND CONDITIONS LAID DOWN. MEMBER STATES SHALL PROHIBIT THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE BEYOND THE LIMITS AND OUTSIDE THE CONDITIONS LAID DOWN.

(COUNCIL DIRECTIVE 76/768/EEC, OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN) LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 TONNES (AT CONCENTRATIONS > 90%) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY

(COUNCIL DIRECTIVE 76/768/EEC - OJEC L262, 169, 1976 AS LAST AMENDED BY THE REFERENCE GIVEN) LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=50 TONNES (AT CONCENTRATIONS > 90%) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVING, OR POSSIBLY INVOLVING, ONE OR MORE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY

DEU DEU REC REC AQ STORE TRNSP

CLASS

REG REG LABEL PACK

REG REG LABEL PACK

REG REG GOODS GOODS LABEL

REG REG GOODS GOODS

REG REG MANUF USE

MAK

CLASS

RQR RQR

RQR RQR

RSTR MXL RQR

PRMT MXL

CLASS INDST RQR

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3, 3 = INFLAMMABLE LIQUID; PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER (APPLIES TO SOLUTIONS). HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES: PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER (APPLIES TO SOLUTIONS WITH A FLASHPOINT ABOVE 61C (141F) C-CUP). THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	DATE	REGISTRATION NO.
JPN	REG	USE	AGRIC	PRMT	2.5 MG/M3 (2 PPM) (THE CONCENTRATIONS SHOULD ALWAYS BE KEPT BELOW THIS VALUE)	JUN1986	JPAGR* -, -, 1983
JPN	REG	AIR	OCC	MAC	FORMALDEHYDE SHOULD NOT BE DETECTABLE IN TEXTILE PRODUCTS SUCH AS DIAPER, DIAPER COVER, BIB, UNDERWEAR, SLEEPWEAR, GLOVES, HOSIERY, INTERMEDIATE WEAR, CAP, AND BEDDING INTENDED FOR BABIES OF UP TO 24 MONTHS. THE AMOUNT SHOULD BE LESS THAN 75UG/G (ACETYLACETONE METHOD) IN TEXTILE PRODUCTS SUCH AS UNDERWEAR, SLEEPWEAR, GLOVES, AND HOSIERY INTENDED FOR PERSONS OF MORE THAN 24 MONTHS	JUL1986	SAICLB 27, 195-219, 1985
JPN	REG	GOODS		MPC	THIS SUBSTANCE OR ITS PREPARATIONS ARE DESIGNATED AS DELETERIOUS (EXCEPT WHEN THE CONC. IS BELOW 1%)	JUL1983	JPPDL* -, -,
JPN	REG	CLASS LABEL SALE		RQR	SHOULD NOT BE RELEASED FROM TEXTILE PRODUCTS (DIAPERS, DIAPER COVERS, BIBS, UNDERWEAR, SLEEPWEAR, GLOVES, HOSIERY, INTERMEDIATE WEAR, OUTER WEAR, CAP AND BEDDING) FOR BABIES OR INFANTS WITHIN 24 MONTHS AFTER BIRTH.	NOV1985	CHPHS* -, -, 1982
JPN	REG	GOODS		PRO	0.05MG/L		
SUN	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.25 MG/L	SEP1985	PKVVO* 2932-83, -, 1983
SUN	REG	AQ	SURF	MAC	CLV : 0.5 MG/M3 (VAPOUR)	JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	OCC	MAC	0.035MG/M3 1X/D; 0.003MG/M3 AV/D.	JUN1982	GOSTS* 12.1.005, -, 1976
SUN	REG	AIR	AMBI	MAC	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.	SEP1985	PKAV* 3086-84, -, 1984
SUN	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.	OCT1985	SCHSB* -, -, 1982
SUN	REG	USE	AGRIC	PRMT	7.0 MG/KG	OCT1980	PKCP* 2264-80, -, 1980
SUN	REG	SOIL CLASS		MAC	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE. RECLASSIFIED AS POISONOUS WHEN >30%, EFFECTIVE 1 JAN1985	OCT1984	STNAF* 1983:6, 1, 1983
SWE	REG	AIR	OCC	HLV	1D-TWA: 1MG/M3 (0.8 PPM), CLV: 1.2MG/M3 (1PPM) SENSITIZATION. (FOR NEW AND RENOVATED PLANTS A 1D-TWA OF 0.4MG/M3 (0.5PPM) IS DESIRED).	01JAN1985	AFS*** 1984:5, 10, 1984
SWE	REG	USE LABEL STORE CLASS		PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE HAZARD CLASSES (1 = MOST HAZARDOUS, 3 = LEAST HAZARDOUS). CLASS 1 FORMULATIONS MAY BE SOLD ONLY TO PERSONS AUTHORIZED TO USE SUCH FORMULATIONS.	APR1986	PFBEK* -, 58, 1986
SWE	REG	GOODS		PRO	HAIR LOTIONS AND PRODUCTS AGAINST PERSPIRATION MAY NOT CONTAIN THIS SUBSTANCE	JUN1983	SOSFS* (M)89, 1, 1981
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO FORMALDEHYDE SOLUTIONS)	SEP1982	UNTDG* -, 11, 1986

UN	REC	TRNSP LABEL PACK FOOD	REC	AIR	OC	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (APPLIES TO INFLAMMABLE FORMALDEHYDE SOLUTIONS).	SEP1982 UNTDG* - ,11, 1986
USA	REG	PRMT	REG			PRMT	MAY BE USED AS A DEFOAMING AGENT IN THE MANUFACTURE OF PAPER AND PAPERBOARD INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD CLV: 3MG/M3 (2PPM). (INTENDED CHANGES: TWA: 1.5MG/M3 (1PPM), STEL: 3MG/M3 (2PPM). INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA) MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983 CFRUS* 21, 177, 1981
USA	REG	TLV	REG			TLV	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCINERATOR MUST ACHIEVE 99.99% DESTRUCTION AND REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT IS DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM))	SEP1985 ACCIH* 1984-85, 9, 1984
USA	REG	PRMT USE	REG			PRMT	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONTAINS THIS SUBSTANCE, MUST BE LISTED AS HAZARDOUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATION AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FEREAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	JUL1983 CFRUS* 21, 114, 1981
USA	REG	WASTE	REG			RQR	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQUIREMENTS IN PLANT PRODUCTS WHEN USED ACCORDING TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES APPLIED TO GROWING CROPS FOR SOME SPECIFIED PURPOSES.	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	REG			CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD FEED	REG			ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS SUBSTANCE IN CERTAIN SPECIFIED PLANT PRODUCTS AFTER APPLICATION OF FORMALDEHYDE OR A MIXTURE OF METHYLENE BISPROPIONATE AND OXY(BISMETHYLENE) BISPROPIONATE WHEN USED AS A FUNGICIDE. THESE RAW AGRICULTURAL COMMODITIES ARE FOR USE ONLY AS ANIMAL FEEDS IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR FORMALDEHYDE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 0, THE IGNITABILITY VALUE IS 2, AND THE REACTIVITY VALUE IS 0	APR1983 CFRUS* 40(180, 1001), 258, 1981
USA	REG	WASTE	REG			CLASS RSTR RQR	CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CONTAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZARDOUS WASTES SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REGULATIONS. (AMENDED: FEREAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE))	APR1983 CFRUS* 40(261), 362, 378, 1981
USA	REG	FOOD FEED	REG			ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS SUBSTANCE IN CERTAIN SPECIFIED PLANT PRODUCTS AFTER APPLICATION OF FORMALDEHYDE OR A MIXTURE OF METHYLENE BISPROPIONATE AND OXY(BISMETHYLENE) BISPROPIONATE WHEN USED AS A FUNGICIDE. THESE RAW AGRICULTURAL COMMODITIES ARE FOR USE ONLY AS ANIMAL FEEDS IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR FORMALDEHYDE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 0, THE IGNITABILITY VALUE IS 2, AND THE REACTIVITY VALUE IS 0	APR1983 CFRUS* 40, 269, 1981
USA	REG	WASTE	REG			CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT TO IDENTIFY THE 400 HAZARDOUS WASTE FACILITIES IN THE USA WARRANTING THE HIGHEST PRIORITY FOR REMEDIAL ACTION, EPA HAS ESTABLISHED A HAZARD RANKING SYSTEM TO SET PRIORITIES. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR FORMALDEHYDE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 0, THE IGNITABILITY VALUE IS 2, AND THE REACTIVITY VALUE IS 0	10DEC1982 JUN1983 FEREAC 47, 31319, 1982

19NOV1980 JUL1983 CFRUS* 40 (261), 368, 1981

CLASS THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL
RSTR PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE". SU
RQR BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR
AGE AND DISPOSAL REGULATION AND PERMIT AND NO
TIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,
56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,
1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU
IDANCE).)

JUL1983 CFRUS* 16(1500), 290, 1982

RQR FORMALDEHYDE AND ANY PRODUCT CONTAINING 1% OR
WARN MORE THEREOF IS A STRONG SENSITIZER AND THE
EFERE A HAZARDOUS SUBSTANCE REQUIRING CERTAIN
SPECIFIED CAUTIONARY LABELLING. (CERTAIN SPE
CIFIED PRODUCTS ARE EXEMPTED FROM SOME OF THE
REQUIREMENTS.)

JUN1983 CFRUS* 21(173), 109, 1981

PRMT MAY BE USED AS A PRESERVATIVE IN A DEFOAMING
MXL AGENT IN THE PROCESSING OF FOODS AT A LEVEL
NOT EXCEEDING 1.0% OF THE PDMS CONTENT.

JUL1983 CFRUS* 21(573), 558, 1981

PRMT PERMITTED AS A FOOD ADDITIVE IN FEED AND DRIN
KING WATER FOR ANIMALS. RESTRICTED TO THE IMP
ROVEMENT OF THE HANDLING CHARACTERISTICS OF A
NIMAL FAT AT THE DESCRIBED LEVELS

APR1983 CFRUS* 40(261), 376, 1981

RQR THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED
, WHEN DETERMINING WHETHER THIS SUBSTANCE IS
CONTAINED IN A SOLID WASTE, IS SPECIFIED. (GC
/MS OR GC WITH FLAME IONIZATION DETECTOR)

JUL1983 CFRUS* 21(176), 153, 1981

PRMT MAY BE USED AS A COMPONENT OF THE FOOD-CONTAC
T SURFACE OF PAPER AND PAPERBOARD INTENDED FO
R USE IN PRODUCING, MANUFACTURING, PACKAGING,
PROCESSING, PREPARING, TREATING, PACKING, TR
ANSPORTING OR HOLDING AQUEOUS AND FATTY FOOD
S. (FOR USE ONLY AS PRESERVATIVE FOR COATING
FORMULATIONS)

JUL1983 CFRUS* 21(176), 172, 1981

PRMT MAY BE USED AS A COMPONENT OF THE FOOD-CONTAC
T SURFACE OF PAPER AND PAPERBOARD INTENDED FO
R USE IN PRODUCING, MANUFACTURING, PACKAGING,
PROCESSING, PREPARING, TREATING, PACKING, TR
ANSPORTING, OR HOLDING DRY FOODS. (ONLY AS A
FUMIGANT IN SIZING)

JUL1983 CFRUS* 21(175), 129, 1981

PRMT ACRYLATE/ESTER COPOLYMER COATINGS MAY BE USED
AS FOOD-CONTACT SURFACE OF ARTICLES INTENDED
FOR PACKAGING AND HOLDING FOOD, INCLUDING HE
ATING OF PREPARED FOOD. (THIS SUBSTANCE MAY B
E USED IN THE PREPARATION OF THE POLYMER AND
IN THE PREPARATION AND APPLICATION OF THE EMU
LSION)

MAY1983 CFRUS* 40(116), 33, 1981

CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
S, AND SOLUTIONS AND MIXTURES CONTAINING THE
SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST
ANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI
LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI
ON CONTROL ACT.

MAY1983 CFRUS* 40(117), 44, 1981

RQR UNLESS IN COMPLIANCE WITH A SPECIFIED PERMIT
RSTR OR PROCEDURE, OWNERS/OPERATORS OF VESSELS OR
ON- OR OFFSHORE FACILITIES MUST NOTIFY THE US
GOVERNMENT OF ANY DISCHARGE OF THIS SUBSTANC
E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL
INES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUA
L TO OR MORE THAN 454 KG IN ANY 24-HOUR PERI
OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
DERAL WATER POLLUTION CONTROL ACT.

USA REG AIR OCC PEL JUN1974 APR1983 CFRUS* 29(1910),673,1981

USA REG AQ EMI RQR WASTE MAY1983 CFRUS* 40(122),121,1981

TWA: 3PPM (3.7 MG/M3); CLV: 5PPM (6.1 MG/M3) (ACCEPTABLE), 10PPM (1.2 MG/M3) (MAXIMUM FOR 30 MINUTES)
 PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO U.S. WATERS
 THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS : 1) EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTFALLS. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS : A) 100 UG/L B) 5X THE MAXIMUM CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR
 (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)
 USE OF UREA-FORMALDEHYDE FOAM FOR INSULATION IN SCHOOLS AND RESIDENCES IS BANNED BECAUSE IT PRESENTS AN UNREASONABLE RISK OF INJURY FROM IRRITATION, SENSITIZATION AND CANCER.
 MAY BE USED AS A DEFOAMING AGENT IN THE PREPARATION AND APPLICATION OF COATINGS FOR PAPER AND PAPERBOARD INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD. (ONLY FOR USE AS A PRESERVATIVE OF DEFOAMERS)

USA REG USE INDST RSTR 11AUG1982 OCT1985 FEREAC 64,APRIL2,1982

USA REG FOOD PRMT MAY1986 CFRUS* 21,176,1981

LQ0525000 FORMAMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GBR	REC	AIR	OCC	RECL	8H-TWA: 30MG/M3 (20PPM). STEL(10M1-TWA): 45MG/M3 (30PPM)	OCT1985	GNHSE* EH40/85, 1, 1985
SUN	REG	AIR	OCC	MAC	CLV : 3.0 MG/M3 (VAPOUR)	JAN1977	GOSTS* 12.1.005,-, 1976
SWE	REG	AIR	OCC	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	OCT1984	STNAF* 1983:6.1, 1983
USA	REC	AIR	OCC	TLV	TWA: 30MG/M3 (20PPM); STEL: 45MG/M3 (30PPM). (STEL VALUE INTENDED TO BE DELETED).	SEP1985	ACGIH* 1984-85, 9, 1984
USA	REG	FOOD USE	PRMT		MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983	CFRUS* 21, 114, 1981
USA	REG	MANUF	RQR		MANUFACTURERS AND PROCESSORS OF FORMAMIDE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF COMPANY FILES	JUN1983	FEREAC 48, 13178, 1983

LQ210000 N,N-DIMETHYLFORMAMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	AIR AIR	OCC OCC	MAC MAK		MCH1985	AUG1985 HPMC** 58, 1985 JAN1986 DFSK** XXI, 16, 1985
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10CT1980		JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AIR	EMI	MXL	28FEB1986		JUN1986 GMBL** 7, 93-143, 1986
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980		JUN1986 BGBL** I.S.140, 140, 1982
DEU	REG	AQ STORE TRNSP		CLASS	APR1986		GMBL** 11(G3191A), 173, 1985
EEC	REG	LABEL PACK		RQR RQR	APR1986		OJEC** L.106, 18, 1982

TWA : 30.0 MG/M3 ; CLV : 60.0 MG/M3
 8H-TWA: 60MG/M3 (20PPM); 30MI-STEL: 120MG/M3
 (40PPM) AVERAGE VALUE. 4X/SHIFT. (CUTANEOUS
 ABSORPTION). THERE IS NO RISK OF ADVERSE
 EFFECTS IN OFFSPRING IF EXPOSURE OF PREGNANT
 WOMEN IS KEPT WITHIN THE MAK LIMIT.
 FOR LABEL AND PACKAGING SEE EEC (OJEC L106,
 18,1982).
 HANDLING OF SOME GROUPS OF CHEMICALS (INCL.
 CARCINOGENIC, MUTAGENIC, POISONOUS, TERATOGEN
 IC, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUND
 S) IS PROHIBITED OR RESTRICTED FOR PREADULTS
 AND PREGNANT OR NURSING WOMEN.
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.
 2069,1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 THE SUBSTANCE BELONGS TO CLASS II
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST
 NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN
 ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS:
 CLASS I: 20MG/M3 AT A MASS FLOW OF >=0.1KG/H
 CLASS II: 100MG/M3 AT A MASS FLOW OF >=2KG/H
 CLASS III: 150MG/M3 AT A MASS FLOW OF >=3KG/H
 IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESE
 NT, THE MASS CONCENTRATION MUST NOT EXCEED
 0.15G/M3.
 THIS SOLVENT IS CLASSIFIED IN CLASS IIB
 THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR
 EPARATIONS CONTAINING THE SOLVENT AT A CONCEN
 TRATION EXCEEDING A CERTAIN LEVEL. THE LEVEL
 DEPENDS ON THE GROUP IN WHICH THE SOLVENT IS
 CLASSIFIED. THE GROUPS INCLUDE:
 POISON CLASSES: IA, IB, IC
 HARMFUL CLASSES: IIA, IIB, IIC, IID
 (BGBL I.S.1071,1536/2159,1980, AND BGBL I.S.
 2069,1980 AS LAST AMENDED BY THE REFERENCE
 GIVEN).
 THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HARM
 FUL TO WATER (CLASS 1). (THE DIFFERENT CLASSES
 ARE: CLASS 0 = IN GENERAL NOT HARMFUL; CLASS
 1 = SLIGHTLY HARMFUL; CLASS 2 = HARMFUL; CLASS
 3 = VERY HARMFUL).
 IN ORDER TO PROTECT WATER, APPROPRIATE SECURI
 TY MEASURES SHOULD BE TAKEN ACCORDINGLY DURIN
 G STORAGE, LOADING AND TRANSPORT.
 XN - HARMFUL. HARMFUL BY INHALATION. HARMFUL
 IN CONTACT WITH SKIN (R 20/21). IRRITATING TO
 EYES (R 36). AVOID CONTACT WITH SKIN (S 24).
 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIAT
 ELY WITH PLENTY OF WATER AND SEEK MEDICAL ADV
 ICE. VERY TOXIC IF SWALLOWED (S 26/28). WEAR
 SUITABLE PROTECTIVE CLOTHING (S 36).



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