



IRPTC

IRPTC LEGAL FILE 1983

VOL. I

**INTERNATIONAL REGISTER OF
POTENTIALLY TOXIC CHEMICALS
(IRPTC)**

**UNITED NATIONS ENVIRONMENT PROGRAMME
GENEVA, SWITZERLAND**

IRPTC
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IRPTC LEGAL FILE 1983

Vol. 1



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II. 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 for that document and to include data from more countries and covering all the chemicals in the IRPTC working list of selected chemical substances, at its present stage of development. The list now contains approximately 450 chemicals (section V of this document). Data have been collected from twelve countries and six international organizations for which easy access to relevant information sources was available. Section III 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 in 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 has been 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 VI.

Although data were collected for all the chemicals mentioned in the regulatory texts studied, the processing was restricted to the chemicals of the IRPTC

working list. It is hoped that in 1984 IRPTC will be able to make available all the information that was compiled. 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 1983 regulations and amendments may not have been included as data collection was terminated in July 1983. 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 VII 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 Valoracion de Productos Quimico-Toxicos
- Sweden - National Swedish Environment Protection Board
- UK - Central Directorate on Environmental Pollution
- USA - Environmental Protection Agency
- USSR - Soviet Toxicological Centre

Data extraction has been carried out by A. Sunden, Research Assistant, IRPTC, assisted by J. Hasa (Czechoslovakia), I. Komarova (Soviet Union), and K. Wosley (United States of America) as consultants under the supervision of M. Gilbert, Scientific Affairs Officer, IRPTC. Data were processed by H. Boaler and C. Common.

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.

III. 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, drinking water, wastes, soil, sediments, animal and plant tissues, food and beverages, drugs, consumer goods (including cosmetics and toiletries), agriculture and animal husbandry. 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:

- geographical area or organization
- type of mechanism
- subject of mechanism with specifications
- description of mechanism
- levels with specified analytical method and remarks
- effectivity date (date when control mechanism took, or will take effect)
- IRPTC Register entry date
- reference

Below is an example of a typical record:

AREA	TYPE	SUBJECT	DESCR	LEVELS/REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCE
USA	REG	AQ DRINK	MPC	0.05MG/L AAS	24JUN1977	NOV1979	FEREAC 40,59570,1975

USA	=	United States of America
REG	=	Regulation
AQ	=	water
DRINK	=	drinking
MPC	=	maximum permissible concentration
AAS	=	atomic absorption spectroscopy
24JUN1977	=	24 June 1977
NOV1979	=	November 1979
FEREAC	=	Federal Register
40,59570,1975	=	volume 40, page 59570, 1975

Geographical Area or Organization

Regulations and Recommendations set by a limited number of countries and some international organizations are entered in this Register file. Countries and international organizations quoted here are abbreviated as follows and listed in the following order:

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

REG = regulations and standards which are legally binding
 REC = recommendations and guidelines which are not 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 (into), e.g. requirements for water, air, soil or sediment discharge
FRESH	=	fresh
FUEL	=	fuel
GRND	=	ground
HUMAN	=	human
IMI	=	immissions (in), e.g. 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) - defined as the maximum permissible quantity of a chemical compound, its metabolites, or any deviation from the norm of biological parameters induced by these substances in exposed humans.
ERL	=	extraneous residue limit
GL	=	guideline level
HARMQ	=	harmful quantity
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
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. Should any clarification of the levels be needed, the following terms are also entered, using the abbreviations shown:

STEL	=	short-term exposure limit
CLV	=	ceiling value
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
EP	=	electrophoresis
ET	=	electrometric titrations
FS	=	fluorescence spectrophotometry
GC	=	gas chromatography
GC-MS	=	gas chromatography coupled with mass spectrometry
HPLC	=	high pressure liquid chromatography
IR	=	infrared spectrophotometry
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

Effectivity Date

The effectivity 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 an unique six-letter code (CODEN) which identifies publications (Chemical Abstracts Service Source Index, 1907-1983 Cumulative and Supplements, American Chemical Abstracts Service, P.O. Box 3012, Columbus Ohio 43210, USA). When available, CODENs prepared by the United States Chemical Abstracts Service are used. 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 following the abbreviation.

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.

* * *

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 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
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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
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AFS**** ARBETARSKYDDSSTYRELSSENS FOERFATTNINGSSAMLING
 ARBETARSKYDDSSTYRELSEN
 LIBER FOERLAG, 16289 STOCKHOLM
 SOLNA
 171 84
 SWEDEN

AHEM** ACTA HYGIENICA, EPIDEMIOLOGICA ET MICROBIOLOGICA
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 PRAHA
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ALEYA* ARGENTINIAN LEGISLATION. LEY.
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IRAM-SEPLAFAM
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MINIST. AGRICULTURA Y GANADERIA NACIONAL
DIREC. NAC. SANIDAD VEG.
ARGENTINA
- BGBL** BUNDESGESETZBLATT
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WC1V 6HB
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- INDS** INDIAN STANDARDS
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- RNMSB* RESOLUCAO NORMATIVA
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 CHEMICALS FOR PLANT PROTECTION
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V. 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 on page V/25.

In section VII, the chemicals are listed according to their RTECS numbers which represent the means of access to the data.

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.

RTECS RN	CAS RN	COMMON NAME
TF6890000	3383-96-8	ABATE
AL7700000	75-05-8	ACETONITRILE
KI8575000	79-34-5	ACETYLENE TETRACHLORIDE
AS1050000	107-02-8	ACROLEIN
AS3325000	79-06-1	ACRYLAMIDE
AT5250000	107-13-1	ACRYLONITRILE
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
DB4370000	9003-56-9	ALKYLBENZENESULFONIC ACID
GZ1925000	584-79-2	ALLETHRIN
BA5075000	107-18-6	ALLYL ALCOHOL
UC7350000	107-05-1	ALLYL CHLORIDE
YT9275000	86-88-4	ALPHA-NAPHTHYL THIOUREA; ANTU
BD1400000	20859-73-8	ALUMINIUM PHOSPHIDE
DG1925000	133-90-4	AMIBEN
TE1575000	919-76-6	AMIDITHION
BW6650000	62-53-3	AMINO BENZENE
TF0525000	78-53-5	AMITON
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
TQ1360000	11097-69-1	AROCLOR 1254
TQ1362000	11096-82-5	AROCLOR 1260
TQ1385000	12642-23-8	AROCLOR 5442
TQ1390000	11126-42-4	AROCLOR 5460
CG0525000	7440-38-2	ARSENIC
CG0830000	7778-44-1	ARSENIC ACID, CALCIUM SALT
CG0980000	7784-40-9	ARSENIC ACID, LEAD SALT
CI6475000	1332-21-4	ASBESTOS
XY5600000	1912-24-9	ATRAZINE
TD8400000	2642-71-9	AZINPHOS-ETHYL
TE1925000	86-50-0	AZINPHOS-METHYL
TC4375000	6923-22-4	AZODRIN; MONOCROTOPHOS
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
DJ3675000	50-32-8	BENZ(A)PYRENE
CY1400000	71-43-2	BENZENE
DB4200000	98-11-3	BENZENESULFONIC ACID

RTECS RN	CAS RN	COMMON NAME
DC9625000	92-87-5	BENZIDINE
DJ3675000	50-32-8	BENZO(A)PYRENE
DK2625000	106-51-4	BENZOQUINONE
DS1750000	7440-41-7	BERYLLIUM
EI9625000	126-99-8	BETA-CHLOROPRENE; 2-CHLORO-1,3-BUTADIENE
TC3850000	141-66-2	BIDRIN; DICROTOPHOS
GQ5600000	485-31-4	BINAPACRYL
KN1575000	542-88-1	BIS(CHLOROMETHYL) ETHER
TI0350000	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE
YQ9100000	314-40-9	BROMACIL
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
EL6475000	78-93-3	BUTANONE
KJ8575000	111-76-2	BUTYL CELLOSOLVE
XR2275000	13463-67-7	C.I.77891; TITANIUM DIOXIDE
EU9800000	7440-43-9	CADMIUM
EV0175000	10108-64-2	CADMIUM CHLORIDE
EV0260000		CADMIUM COMPOUNDS
EV2700000	10124-36-4	CADMIUM SULFATE
EU9800000	7440-43-9	CADMIUM
CG0830000	7778-44-1	CALCIUM ARSENATE
EV9580000	1317-65-3	CALCIUM CARBONATE
EW0700000	592-01-8	CALCIUM CYANIDE
XW5250000	8001-35-2	CAMPHECHLOR
CM3675000	105-60-2	CAPROLACTAM
GW5075000	133-06-2	CAPTAN
FC5950000	63-25-2	CARBARYL
FB9450000	1563-66-2	CARBOFURAN
SJ3325000	108-95-2	CARBOLIC ACID
FF6650000	75-15-0	CARBON DISULFIDE
FG4900000	56-23-5	CARBON TETRACHLORIDE
SY5600000	75-44-5	CARBONYL CHLORIDE
TD5250000	786-19-6	CARBOPHENOTHION
WM8400000	121-75-5	CARBOPHOS
RP4350000	5234-68-4	CARBOXIN
UX1050000	120-80-9	CATECHOL
WB4900000	1310-73-2	CAUSTIC SODA
KK8050000	110-80-5	CELLOSOLVE
WQ2975000	103-17-3	CHLORBENSIDE
PB9800000	57-74-9	CHLORDANE
PC8575000	143-50-0	CHLORDECONE
LQ4375000	6164-98-3	CHLORDIMEFORM
DC7875000	80-06-8	CHLORFENETHOL
TB8750000	470-90-6	CHLORFENVINPHOS
TQ1350000	1336-36-3	CHLORINATED BIPHENYL
XW5250000	8001-35-2	CHLORINATED CAMPHENE
QJ2100000	90-13-1	CHLORINATED NAPHTHALENES
RV0350000	8002-74-2	CHLORINATED PARAFFINS
CZ0175000	108-90-7	CHLORO BENZENE
DD2275000	510-15-6	CHLORO BENZILATE

RTECS RN	CAS RN	COMMON NAME
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
SM6300000	87-86-5	CHLOROPHEN; PENTACHLOROPHENOL
SK2625000	95-57-8	CHLOROPHENOL
TA0700000	52-68-6	CHLOROPHOS
PB6300000	76-06-2	CHLOROPICRIN
EI9625000	126-99-8	CHLOROPRENE
CV3850000	1918-13-4	CHLOROTHIAMIDE
LQ4375000	6164-98-3	CHLORPHENAMIDINE
TB8750000	470-90-6	CHLORPHENVINPHOS
TF6300000	2921-88-2	CHLORPYRIFOS
WZ1500000	1861-32-1	CHLORTHAL
CV3850000	1918-13-4	CHLORTHIAMID
GB2450000	7738-94-5	CHROMIC ACID
GB4200000	7440-47-3	CHROMIUM
GB6262000	18540-29-9	CHROMIUM (VI+)
AI7875000	2597-03-7	CIDIAL
GL8050000	1317-39-1	COPPER (I) OXIDE
GL8900000	7758-99-8	COPPER (II) SULFATE PENTAHYDRATE; COPPER SULFATE
GL5900000	16102-92-4	COPPER ARSENATE HYDROXIDE
GL7150000	544-92-3	COPPER CYANIDE
QK9100000	1338-02-9	COPPER NAPHTHENATE
GL7020000	1332-40-7	COPPER OXYCHLORIDE
GL8900000	7758-99-8	COPPER SULFATE
GN4830000	81-82-3	COUMACHLOR
GN6300000	56-72-4	COUMAPHOS
GN4200000	91-64-5	COUMARIN
GN7630000	5836-29-3	COUMATETRALYL
GO6125000	108-39-4	CRESOL
GO6300000	95-48-7	CRESOL
GO6475000	106-44-5	CRESOL
SE7175000	8002-05-9	CRUDE OIL
GL8050000	1317-39-1	CUPROUS OXIDE
GS7175000	57-12-5	CYANIDE
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 SODIUM
TF3850000	115-90-2	DASANIT; FENSULFOTHION
TX8750000	96-12-8	DBCP
WH7100000	683-18-1	DBDC; DIBUTYLTIN DICHLORIDE
KI0700000	72-54-8	DDD
KV9450000	72-55-9	DDE
KJ3325000	50-29-3	DDT
TC0350000	62-73-7	DDVP
GZ1240000	52820-00-5	DECAMETHRIN
JM5690000	85-00-7	DEIQUAT; DIQUAT; DIQUAT DIBROMIDE
TE3350000	78-34-2	DELNAV; DIOXATHION
TF3150000	8065-48-3	DEMETON
TG1650000	867-27-6	DEMETON-O-METHYL

RTECS RN	CAS RN	COMMON NAME
TG1750000	919-86-8	DEMETON-S-METHYL
TI0875000	84-74-2	DI-N-BUTYL PHTHALATE
JL9700000	621-64-7	DI-N-PROPYLNITROSAMINE
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
WH7100000	683-18-1	DIBUTYLTIN DICHLORIDE
DG7525000	1918-00-9	DICAMBA
TX9625000	78-87-5	DICHLOROPROPANE
UC8310000	542-75-6	DICHLOROPROPENE
UF1050000	120-36-5	DICHLORPROP
TC0350000	62-73-7	DICHLORVOS
DC8400000	115-32-2	DICOFOL
TC3850000	141-66-2	DICROTOPHOS
IO1750000	60-57-1	DIELDRIN
TI1050000	84-66-2	DIETHYL PHTHALATE
IE1225000	111-40-0	DIETHYLENETRIAMINE
YS6200000	35367-38-5	DIFLUBENZURON
KN2350000	2238-07-5	DIGLYCIDYL ETHER; DGE
MX3500000	123-31-9	DIHYDROXYBENZENE; HYDROQUINONE
TD4025000	115-26-4	DIMEFOX
TE1750000	60-51-5	DIMETHOATE
TQ2690000	9016-00-6	DIMETHYL POLYSILOXANE
WS8225000	77-78-1	DIMETHYL SULFATE
TB9450000	300-76-5	DIMETHYL-1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE
IP8750000	124-40-3	DIMETHYLAMINE
IQ0525000	62-75-9	DIMETHYLNITROSAMINE; DMN; N-NITROSODIMETHYLAMINE.
EZ9084000	644-64-4	DIMETILAN
G09625000	534-52-1	DINITRO-O-CRESOL
SL2800000	51-28-5	DINITROPHENOL
XK9450000	1594-56-5	DINITROTHIOCYANATOBENZENE
FF9100000	973-21-7	DINOBTON
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
TE3350000	78-34-2	DIOXATHION
AB8050000	957-51-7	DIPHENAMID
KN8970000	101-84-8	DIPHENYL ETHER
JJ7800000	122-39-4	DIPHENYLAMINE
JM5690000	85-00-7	DIQUAT
JM5750000	4032-26-2	DIQUAT DICHLORIDE
JM5690000	85-00-7	DIQUAT OR SALT (SPECIFY); DIQUAT DIBROMIDE
JM5750000	4032-26-2	DIQUAT; DIQUAT DICHLORIDE
VS6650000	13410-01-0	DISODIUM SELENATE
FA6825000	142-59-6	DISODIUM-1,2-ETHYLENE-BISDITHIOCARBAMATE
TD9275000	298-04-4	DISULFOTON
QL0700000	3347-22-6	DITHIANON
XN4375000	3689-24-5	DITHIOFOS; DITHIOPHOS; SULFOTEPP; TEDP
YS8925000	330-54-1	DIURON
SJ9800000	88-85-7	DNBP

RTECS RN	CAS RN	COMMON NAME
GO9625000	534-52-1	DNOC
MF1750000	2439-10-3	DODINE
NY2800000	5707-69-7	DRAZOXALON
TF6300000	2921-88-2	DURSBAN
WH8575000	76-87-9	FENTIN HYDROXIDE; HYDROXYTRIPHENYLITIN; TRIPHENYLITIN HYDROXID E
TE4375000	640-15-3	EKATIN
KL5775000	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER; 2-METHOXYETHANOL; METHYL C ELLOSOLVE
RB9275000	115-29-7	ENDOSULFAN
RN7875000	145-73-3	ENDOTHAL
IO1575000	72-20-8	ENDRIN
TX4900000	106-89-8	EPICHLOROHYDRIN
TB1925000	2104-64-5	EPN
UF1400000	136-25-4	ERBON
TE4550000	563-12-2	ETHION
AT0700000	140-88-5	ETHYL ACRYLATE
KH7525000	75-00-3	ETHYL CHLORIDE
UF9625000	107-12-0	ETHYL CYANIDE
KK8050000	110-80-5	ETHYL GLYCOL; ETHYLENE GLYCOL MONOETHYL ETHER; GLYCOL MONOET HYL ETHER; 2-ETHOXYETHANOL
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
KL5775000	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER
KX2450000	75-21-8	ETHYLENE OXIDE
NI9625000	96-45-7	ETHYLENE THIOUREA
KH9275000	106-93-4	ETHYLENEDIBROMIDE
KI0525000	107-06-2	ETHYLENEDICHLORIDE
TF8350000	38260-54-7	ETRIMFOS
TG0525000	299-84-3	FENCHLORFOS; FENCHLORPHOS; RONNEL
TG0350000	122-14-5	FENITROTHION
UF8225000	93-72-1	FENOPROP
TF9625000	55-38-9	FENOTHION
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
CY1576350	51630-58-1	FENVALERATE
NO8750000	14484-64-1	FERBAM
LL4025000	206-44-0	FLUORANTHENE
AH9100000	62-74-8	FLUOROACETIC ACID, SODIUM SALT
DA0800000	462-06-6	FLUOROBENZENE
LP8925000	50-00-0	FORMALDEHYDE
LQ0525000	75-12-7	FORMAMIDE
TE1050000	2540-82-1	FORMOTHION
RQ3675000	67-45-8	FURAZOLIDONE
LQ4375000	6164-98-3	GALECRON
GV4900000	58-89-9	GAMMA-HCH

RTECS RN	CAS RN	COMMON NAME
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TB9100000	961-11-5	GARDONA
KJ8575000	111-76-2	GLYCOL MONOBUTYL ETHER
KL5775000	109-86-4	GLYCOL MONOMETHYL ETHER
PC0700000	76-44-8	HEPTACHLOR
PB9450000	1024-57-3	HEPTACHLOR EPOXIDE
YT4550000	2163-79-3	HERBAN
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
MP1400000	591-78-6	HEXAN-2-ONE
MN9275000	110-54-3	HEXANE
SA9275000	108-10-1	HEXONE
MW6825000	74-90-8	HYDROCYANIC ACID
MX0900000	7722-84-1	HYDROGEN PEROXIDE
SY7525000	7803-51-2	HYDROGEN PHOSPHIDE
MX3500000	123-31-9	HYDROQUINONE
KK8050000	110-80-5	ETHYL GLYCOL; ETHYLENE GLYCOL MONOETHYL ETHER; GLYCOL MONOETHYL ETHER; 2-ETHOXYETHANOL
FD9100000	122-42-9	IPC; PROPHAM
GW7700000	78-59-1	ISOPHORONE
FD9100000	122-42-9	ISOPROPYL CARBANILATE
DC8400000	115-32-2	KELTHANE
PC8575000	143-50-0	KEPONE
MA1575000	142-47-2	L-GLUTAMIC ACID, SODIUM SALT
AK2975000	16752-77-5	LANNATE; METHOMYL
OF7525000	7439-92-1	LEAD
AI5250000	301-04-2	LEAD ACETATE
CG0980000	7784-40-9	LEAD ARSENATE
OF9275000	598-63-0	LEAD CARBONATE
OG3675000	7446-27-7	LEAD PHOSPHATE
OF8750000	1335-32-6	LEAD SUBACETATE
TP4550000	78-00-2	LEAD, TETRAETHYL; TETRAETHYL LEAD
TB9450000	300-76-5	DIBROM; DIMETHYL 1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE; NALED
GY5875000	2164-08-1	LENACIL
TB1720000	21609-90-5	LEPTOPHOS
EV9580000	1317-65-3	LIMESTONE
GV4900000	58-89-9	LINDANE
YS9100000	330-55-2	LINURON
WB4900000	1310-73-2	LYE
TE4375000	640-15-3	M 81
G06125000	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
WM8400000	121-75-5	MALATHION
ON3675000	108-31-6	MALEIC ANHYDRIDE
UR5950000	123-33-1	MALEIC HYDRAZIDE
OP0700000	12427-38-2	MANEB
O09275000	7439-96-5	MANGANESE
AG1575000	94-74-6	MCPA
AG2625000	3653-48-3	MCPA, SODIUM SALT

RTECS RN	CAS RN	COMMON NAME
ES8575000	94-81-5	MCPB
UE9750000	93-65-2	MECOPROP
TD5600000	78-57-9	MENAZON
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
FC2100000	137-42-8	METHAM-SODIUM
TB4970000	10265-92-6	METHAMIDOFOS
PC1400000	67-56-1	METHANOL
TE2100000	950-37-8	METHIDATHION
AK2975000	16752-77-5	METHOMYL
AG2625000	3653-48-3	METHOXON, SODIUM MCPA
KJ3675000	72-43-5	METHOXYCHLOR
EL6475000	78-93-3	METHYL ACETONE
PC1400000	67-56-1	METHYL ALCOHOL
PA4900000	74-83-9	METHYL BROMIDE
MP1400000	591-78-6	METHYL BUTYL KETONE
KL5775000	109-86-4	METHYL CELLOSOLVE
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; ETHYLENE GLYCOL MONOMETHYL ETHER; 2-METHOXYET HANOL; METHYL CELLOSOLVE
SA9275000	108-10-1	METHYL ISOBUTYL KETONE
MP1400000	591-78-6	METHYL N-BUTYL KETONE
TG0175000	298-00-0	METHYL PARATHION
WS8225000	77-78-1	METHYL SULFATE
MP1400000	591-78-6	METHYLBUTYLKETONE; 2-HEXANONE
TG0350000	122-14-5	METHYLNITROPHOS
YS3325000	3060-89-7	METOBROMURON
GQ5250000	7786-34-7	MEVINPHOS
PC8225000	2385-85-5	MIREX
KN6650000	107-30-2	MONOCHLORODIMETHYLETHER
TC4375000	6923-22-4	MONOCROTOPHOS
KH2100000	75-04-7	MONOETHYLAMINE
YS6425000	1746-81-2	MONOLINURON
MA1575000	142-47-2	MONOSODIUM GLUTAMATE
YS6300000	150-68-5	MONURON
QD6475000	110-91-8	MORPHOLINE
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

RTECS RN	CAS RN	COMMON NAME
ST1050000	99-98-9	N,N-DIMETHYL-P-PHENYLENEDIAMINE
IQ0525000	62-75-9	N,N-DIMETHYLNITROSAMINE
FA6825000	142-59-6	NABAM
TB9450000	300-76-5	NALED
TH7350000	132-66-1	NAPTALAM
TH7351000	132-67-2	NAPTALAM SODIUM
TX8750000	96-12-8	NEMAGON
QR5950000	7440-02-0	NICKEL
QS5250000	54-11-5	NICOTINE
QS9625000	65-30-5	NICOTINE SULFATE
DA6475000	98-95-3	NITROBENZENE
KN8400000	1836-75-5	NITROFEN
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
TB4970000	10265-92-6	O,S-DIMETHYL PHOSPHORAMIDOTHIOATE
UX5950000	152-16-9	OCTAMETHYL
KK8050000	110-80-5	2-ETHOXYETHANOL; ETHYLENE GLYCOL MONOETHYL ETHER; GLYCOL MONOETHYL ETHER
SE7175000	8002-05-9	OIL
RP2300000	23135-22-0	OXAMYL
DK2625000	106-51-4	P-BENZOQUINONE
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
CZ4550000	106-46-7	PARA-DICHLOROBENZENE
DW2275000	1910-42-5	PARAQUAT
TF4550000	56-38-2	PARATHION
TG0175000	298-00-0	PARATHION-METHYL
LK5060000	59536-65-1	PBB'S
TQ1350000	1336-36-3	PCB'S
TQ1360000	11097-69-1	PCB'S (AROCLOR 1254)
TQ1362000	11096-82-5	PCB'S (AROCLOR 1260)
TQ1380000		PCT
TQ2690000	9016-00-6	PDMS
EZ0400000	1114-71-2	PEBULATE
KI6300000	76-01-7	PENTACHLOROETHANE
SM6300000	87-86-5	PENTACHLOROPHENOL
UF1400000	136-25-4	PENTANATE
KX3850000	127-18-4	PERCHLOROETHYLENE
GZ1255000	52645-53-1	PERMETHRIN
SE7175000	8002-05-9	PETROLEUM
SJ3325000	108-95-2	PHENOL
AF7140000	2813-95-8	PHENOTAN
AI7875000	2597-03-7	PHENTHOATE

RTECS RN	CAS RN	COMMON NAME
TQ1360000	11097-69-1	AROCLOR 1254; CHLORINATED DIPHENYLS (54% CHLORINE); CHLORODI PHENYL (54% CL)
KN8970000	101-84-8	PHENYL ETHER
OV6475000	62-38-4	PHENYLMERCURY 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
TH3500000	7723-14-0	PHOSPHOROUS (YELLOW); YELLOW PHOSPHORUS
TI0875000	84-74-2	PHTHALIC ACID, DIBUTYL ESTER
TI1050000	84-66-2	PHTHALIC ACID, DIETHYL ESTER
TE2275000	732-11-6	PHTHALOPHOS
WK4990000	3810-74-0	PHYTOMYCIN
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
KV0350000	9002-86-2	POLY(VINYL CHLORIDE)
TQ1350000	1336-36-3	POLYCHLORINATED BIPHENYLS
TQ1380000		POLYCHLORINATED TERPHENYLS
TQ1350000	1336-36-3	POLYCHLOROBIPHENYLS; PCB'S
TQ2690000	9016-00-6	POLYDIMETHYL SILOXANE
TQ3325000	9002-88-4	POLYETHYLENE
TR5250000	25322-69-4	POLYPROPYLENE GLYCOL
WL6475000	9003-53-6	POLYSTYRENE
HX7680000	7778-50-9	POTASSIUM BICHROMATE
FB8050000	2631-37-0	PROMECARB
XY4390000	7287-19-6	PROMETRIN
AE1575000	1918-16-7	PROPACHLOR
TX2275000	74-98-6	PROPANE
UE4900000	709-98-8	PROPANID
FD9100000	122-42-9	PROPHAM
ZH4950000	12071-83-9	PROPINEB
UF9625000	107-12-0	PROPIONITRILE
FC3150000	114-26-1	PROPOXUR
TX9625000	78-87-5	PROPYLENE DICHLORIDE
TZ2975000	75-56-9	PROPYLENE OXIDE
UR2450000	129-00-0	PYRENE
GZ0700000	121-29-9	PYRETHRIN
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
DK2625000	106-51-4	QUINONE
GZ1310000	10453-86-8	RESMETHRIN

RTECS RN	CAS RN	COMMON NAME
VG9625000	108-46-3	RESORCINOL
VH1050000	101-90-6	RESORCINOL DIGLYCIDYL ETHER
VG9625000	108-46-3	RESORCINOL; 1,3-BENZENEDIOL
TG0525000	299-84-3	RONNEL
DJ2800000	83-79-4	ROTENONE
DE4200000	81-07-2	SACCHARIN
DE4550000	128-44-9	SACCHARIN, SODIUM SALT
UX5950000	152-16-9	SCHRADAN
EO3325000	13952-84-6	SEC-BUTYLAMINE
VS7700000	7782-49-2	SELENIUM
YT7350000	1982-49-6	SIDURON
UF8225000	93-72-1	SILVEX
XY5250000	122-34-9	SIMAZINE
HX7700000	10588-01-9	SODIUM BICHROMATE
UF1225000	127-20-8	SODIUM DALAPON
HX7700000	10588-01-9	SODIUM DICHROMATE
HX7750000	7789-12-0	SODIUM DICHROMATE, DIHYDRATE
AH9100000	62-74-8	SODIUM FLUORACETATE
WB0350000	7681-49-4	SODIUM FLUORIDE
AH9100000	62-74-8	SODIUM FLUOROACETATE
MA1575000	142-47-2	SODIUM GLUTAMATE
WB4900000	1310-73-2	SODIUM HYDROXIDE
WC5600000	7631-99-4	SODIUM NITRATE
RA1225000	7632-00-0	SODIUM NITRITE
DE4550000	128-44-9	SODIUM SACCHARIN
VS6650000	13410-01-0	SODIUM SELENATE
AJ9100000	650-51-1	SODIUM TRICHLORACETATE
WK4375000	57-92-1	STREPTOMYCIN
WL2275000	57-24-9	STRYCHNINE
WL2550000	60-41-3	STRYCHNINE SULFATE
WL3675000	100-42-5	STYRENE
EZ5075000	95-06-7	SULFALLATE
XN4375000	3689-24-5	SULFOTEP
WS4250000	7704-34-9	SULFUR
AJ9100000	650-51-1	TCA
HP3500000	1746-01-6	TCDD
KI0700000	72-54-8	TDE
CZ6300000	584-84-9	TDI; TOLUENE-2,4-DIISOCYANATE; 2,4-TOLUENEDIISOCYANATE
XN4375000	3689-24-5	TEDP
TF6890000	3383-96-8	TEMEPHOS
UX6825000	107-49-3	TEPP
KI0700000	72-54-8	TETRACHLORODIPHENYLETHANE
KX3850000	127-18-4	TETRACHLOROETHENE
FG4900000	56-23-5	TETRACHLOROMETHANE
TB9100000	961-11-5	TETRACHLORVINPHOS
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
XG3425000	7440-28-0	THALLIUM
XG4200000	7791-12-0	THALLIUM(I) CHLORIDE
DE0700000	148-79-8	THIABENDAZOLE

RTECS RN	CAS RN	COMMON NAME
TE1575000	919-76-6	THIOCRON
RB9275000	115-29-7	THIODAN
TE4375000	640-15-3	THIOMETON
BA3650000	23564-06-9	THIOPHANATE
BA3675000	23564-05-8	THIOPHANATE-METHYL
XP7320000	7440-31-5	TIN
XR2275000	13463-67-7	TITANIUM DIOXIDE
DD1225000	119-93-7	TOLIDINE
XS5250000	108-88-3	TOLUENE
CZ6300000	584-84-9	TOLUENE DIISOCYANATE
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
AJ9100000	650-51-1	TRICHLOROACETIC ACID, SODIUM SALT
KO4200000	57321-63-8	TRICHLORODIPHENYL OXIDE
KX4550000	79-01-6	TRICHLOROETHENE
TA0700000	52-68-6	TRICHLOROFON
FS9100000	67-66-3	TRICHLOROMETHANE
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
WH8575000	76-87-9	TRIPHENYL TIN HYDROXIDE
WH6650000	900-95-8	TRIPHENYLTIN ACETATE
WH8575000	76-87-9	TRIPHENYLTIN HYDROXIDE
UB0350000	126-72-7	TRIS(2,3-DIBROMOPROPYL) PHOSPHATE
TG0525000	299-84-3	TROLEN
TF7900000	2275-23-2	VAMIDOTHION
WL3675000	100-42-5	VINYL BENZENE
KU9625000	75-01-4	VINYL CHLORIDE
KV9275000	75-35-4	VINYLDIENE CHLORIDE
GN4550000	81-81-2	WARFARIN
OF9275000	598-63-0	WHITE LEAD
TH3500000	7723-14-0	WHITE PHOSPHORUS
ZE2275000	108-38-3	XYLENE
ZE2450000	95-47-6	XYLENE
ZE2625000	106-42-3	XYLENE
ZE2275000	108-38-3	XYLENE, M-
ZE2450000	95-47-6	XYLENE, O-
ZE2625000	106-42-3	XYLENE, P-
GL8050000	1317-39-1	YELLOW CUPROUS OXIDE
ZG8600000	7440-66-6	ZINC
ZH1400000	7646-85-7	ZINC CHLORIDE
ZH4900000	1314-84-7	ZINC PHOSPHIDE
ZH5260000	7733-02-0	ZINC SULFATE
ZH3325000	12122-67-7	ZINEB
ZH0525000	137-30-4	ZIRAM
SK2625000	95-57-8	O-CHLOROPHENOL
TX4900000	106-89-8	1-CHLORO-2,3-EPOXYPROPANE

RTECS RN	CAS RN	COMMON NAME
MF1750000	2439-10-3	1-DOCECYLGUANIDINIUM ACETATE; DODINE
YT9275000	86-88-4	1-NAPHTHYL-2-THIOUREA
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
KI8575000	630-20-6	1,1,2,2-TETRACHLOROETHANE
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
KI0525000	107-06-2	1,2-DICHLOROETHANE
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; PYROGALLOL
DC2100000	120-82-1	1,2,4-TRICHLOROBENZENE
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
EL6475000	78-93-3	2-BUTANONE
KJ8575000	111-76-2	2-BUTOXY ETHANOL
EI9625000	126-99-8	2-CHLORO-1,3-BUTADIENE; CHLOROPRENE; BETA-CHLOROPRENE
SK2625000	95-57-8	2-CHLOROPHENOL
KK8050000	110-80-5	2-ETHOXYETHANOL
MP1400000	591-78-6	2-HEXANONE
KL5775000	109-86-4	2-METHOXYETHANOL
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
UF1225000	127-20-8	2,2-DICHLOROPROPIONIC ACID, SODIUM SALT
AG6825000	94-75-7	2,4 D
CZ6300000	584-84-9	2,4-DI-ISOCYANATOTOLUENE
ST2690000	615-05-4	2,4-DIAMINOANISOLE
ST2705000	39156-41-7	2,4-DIAMINOANISOLE SULFATE
SK8575000	120-83-2	2,4-DICHLOROPHENOL
KN8400000	1836-75-5	2,4-DICHLOROPHENYL P-NITROPHENYL ETHER
SL2800000	51-28-5	2,4-DINITROPHENOL
XK9450000	1594-56-5	2,4-DINITROPHENYL THIOCYANATE
CZ6300000	584-84-9	2,4-TOLYLDIISOCYANATE
AJ8400000	93-76-5	2,4,5-T
UF8225000	93-72-1	2,4,5-TP
SN1575000	88-06-2	2,4,6-TRICHLOROPHENOL
TJ7875000	88-89-1	2,4,6-TRINITROPHENOL
CV3850000	1918-13-4	2,6-DICHLOROTHIOBENZAMIDE
UC7350000	107-05-1	3-CHLOROPRENE-1
SM1925000	554-84-7	3-NITROPHENOL
DD1225000	119-93-7	3,3-DIMETHYLBENZIDINE

RTECS RN CAS RN COMMON NAME

DD0525000 91-94-1 3,3'-DICHLOROBENZIDINE
DD0875000 119-90-4 3,3'-DIMETHOXYBENZIDINE
DD1225000 119-93-7 3,3'-DIMETHYLBENZIDINE
DJ3675000 50-32-8 3,4-BENZOPYRENE
GW7700000 78-59-1 3,5,5-TRIMETHYLCYCLOHEX-2-ENONE
DU8925000 92-67-1 4-AMINOBIHENYL
XU5250000 3165-93-3 4-CHLORO-O-TOLUIDINE HYDROCHLORIDE
ST2705000 39156-41-7 4-METHOXY-1,3-BENZENEDIAMINE, SULFATE (1:1)
SA9275000 108-10-1 4-METHYLPENTAN-2-ONE
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
AB1060000 602-87-9 5-NITROACENAPHTHENE

RTECS RN	CAS RN	CHEMICAL NAME
AB1060000	602-87-9	ACENAPHTHYLENE, 1,2-DIHYDRO-5-NITRO-
AB8050000	957-51-7	ACETAMIDE, N,N-DIMETHYL-2,2-DIPHENYL-
AE1225000	15972-60-8	ACETANILIDE, 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)-
AE1575000	1918-16-7	ACETANILIDE, 2-CHLORO-N-ISOPROPYL-
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)-
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-((METHYL CARBAMOYL)OXY)-, METHYL ESTER
AL7700000	75-05-8	ACETONITRILE
AS1050000	107-02-8	ACROLEIN
AS3325000	79-06-1	ACRYLAMIDE
AT0700000	140-88-5	ACRYLIC ACID, ETHYL ESTER
AT5250000	107-13-1	ACRYLONITRILE
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
BD1400000	20859-73-8	ALUMINIUM PHOSPHIDE
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
CG0830000	7778-44-1	ARSENIC ACID, CALCIUM SALT (2:3)
CG0980000	7784-40-9	ARSENIC ACID, LEAD(2+) SALT (1:1)
CI6475000	1332-21-4	ASBESTOS
CM3675000	105-60-2	2H-AZEPIN-2-ONE, HEXAHYDRO-
CV3850000	1918-13-4	BENZAMIDE, 2,6-DICHLOROTHIO-
CV9275000	56-55-3	BENZ(A)ANTHRACENE
CY1400000	71-43-2	BENZENE
CY1576350	51630-58-1	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(1-METHYLETHYL)-CYANO(3-P HENOXYPHENYL)METHYL ESTER
CZ0175000	108-90-7	BENZENE, CHLORO-
CZ4550000	106-46-7	BENZENE, P-DICHLORO-
CZ6300000	584-84-9	BENZENE, 2,4-DIISOCYANATO-1-METHYL-
DA0700000	100-41-4	BENZENE, ETHYL-
DA0800000	462-06-6	BENZENE, FLUORO-
DA2975000	118-74-1	BENZENE, HEXACHLORO-
DA6475000	98-95-3	BENZENE, NITRO-
DB4200000	98-11-3	BENZENESULFONIC ACID
DB4370000	9003-56-9	BENZENESULFONIC ACID, ALKYL DERIVATIVE
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-

RTECS RN	CAS RN	CHEMICAL NAME
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-(BUTYLCARBAMOYL)-, METHYL ESTER
DE0700000	148-79-8	BENZIMIDAZOLE, 2-(4-THIAZOLYL)-
DE4200000	81-07-2	1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE
DE4550000	128-44-9	1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE, SODIUM SALT
DG1925000	133-90-4	BENZOIC ACID, 3-AMINO-2,5-DICHLORO-
DG7525000	1918-00-9	BENZOIC ACID, 3,6-DICHLORO-2-METHOXY
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
DU8925000	92-67-1	4-BIPHENYLAMINE
DW2275000	1910-42-5	4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE
EI9625000	126-99-8	1,3-BUTADIENE, 2-CHLORO-
EJ0700000	87-68-3	1,3-BUTADIENE, HEXACHLORO-
EL6475000	78-93-3	2-BUTANONE
EO3325000	13952-84-6	SEC-BUTYLAMINE
ES8575000	94-81-5	BUTYRIC ACID, 4-((4-CHLORO-O-TOLYL)OXY-
EU9800000	7440-43-9	CADMIUM
EVO175000	10108-64-2	CADMIUM CHLORIDE
EV0260000		CADMIUM COMPOUNDS
EV2700000	10124-36-4	CADMIUM SULFATE (1:1)
EV9580000	1317-65-3	CALCIUM(II) CARBONATE (1:1)
EWG700000	592-01-8	CALCIUM CYANIDE
EZ0400000	1114-71-2	CARBAMIC ACID, N-BUTYLETHYLTHIO-, S-PROPYL ESTER
EZ5075000	95-06-7	CARBAMIC ACID, DIETHYLDITHIO-, 2-CHLOROALLYL 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
FA6825000	142-59-6	CARBAMIC ACID, ETHYLENEBIS(DITHIO)-, DISODIUM SALT
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
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, N-METHYL-, O-ISOPROPOXYPHENYL ESTER
FC5950000	63-25-2	CARBAMIC ACID, METHYL-, 1-NAPHTHYL ESTER
FD9100000	122-42-9	CARBANILIC ACID, ISOPROPYL ESTER
FF6650000	75-15-0	CARBON DISULFIDE
FF9100000	973-21-7	CARBONIC ACID, 2-SEC-BUTYL-4,6-DINITROPHENYL ISOPROPYL ESTER
FG4900000	56-23-5	CARBON TETRACHLORIDE
FS9100000	67-66-3	CHLOROFORM
GB2450000	7738-94-5	CHROMIC ACID
GB4200000	7440-47-3	CHROMIUM
GB6262000	18540-29-9	CHROMIUM ION (CR 6+)
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
GL8900000	7758-99-8	COPPER (II) SULFATE PENTAHYDRATE (1:1:5)

RTECS RN	CAS RN	CHEMICAL NAME
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)-
GO6125000	108-39-4	CRESOL, M-
GO6300000	95-48-7	CRESOL, O-
GO6475000	106-44-5	CRESOL, P-
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
GV4900000	58-89-9	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER
GW1050000	108-94-1	CYCLOHEXANONE
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, 3-CYCLOHEXYL-6,7-DIHYDRO-
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
GZ1240000	52820-00-5	CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DIBROMOVINYL)-2,2-DIMETHYL-, CYANO(3-PHENOXYPHENYL)METHYL ESTER, CIS(+)-
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
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
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-

RTECS RN	CAS RN	CHEMICAL NAME
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
KH2100000	75-04-7	ETHANAMINE
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)-
KI4025000	67-72-1	ETHANE, HEXACHLORO-
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-
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-
KN1575000	542-88-1	ETHER, BIS(CHLOROMETHYL)-
KN2350000	2238-07-5	ETHER, BIS(2,3-EPOXYPROPYL)
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-
KV9450000	72-55-9	ETHYLENE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-
KX2450000	75-21-8	ETHYLENE OXIDE
KX3850000	127-18-4	ETHYLENE, TETRACHLORO-
KX4550000	79-01-6	ETHYLENE, TRICHLORO-
LK5060000	59536-65-1	FIREMASTER BP6
LL4025000	206-44-0	FLUORANTHENE
LP8925000	50-00-0	FORMALDEHYDE
LQ0525000	75-12-7	FORMAMIDE
LQ4375000	6164-98-3	FORMAMIDINE, N'-(4-CHLORO-O-TOLYL)-N,N-DIMETHYL-
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(2,3H)PYRANO(3,4-C)(1)BENZOPYRAN-1,12-DIONE, 3,4,7A,10A-TETRAHYDRO-5-METHOXY-

RTECS RN	CAS RN	CHEMICAL NAME
MA1575000	142-47-2	GLUTAMIC ACID, MONOSODIUM SALT, L-(+)-
MF1750000	2439-10-3	GUANIDINE, DODECYL-, ACETATE
MN9275000	110-54-3	HEXANE
MP1400000	591-78-6	2-HEXANONE
MW2625000	122-66-7	HYDRAZOBENZENE
MW6825000	74-90-8	HYDROCYANIC 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-
NO8750000	14484-64-1	IRON, TRIS(DIMETHYLDITHIOCARBAMATO)-
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
OG3675000	7446-27-7	LEAD PHOSPHATE
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
OW8750000	21908-53-2	MERCURY(II) OXIDE
PA4900000	74-83-9	METHANE, BROMO-
PB5600000	75-25-2	METHANE, TRIBROMO-
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-1H-CYCLOBUTA(CD)PENTALENE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO-
QD6475000	110-91-8	MORPHOLINE
QJ2100000	90-13-1	NAPHTHALENE, 1-CHLORO-
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-
QR5950000	7440-02-0	NICKEL
QS5250000	54-11-5	NICOTINE
QS9625000	65-30-5	NICOTINE SULFATE
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
RP2300000	23135-22-0	OXAMIMIDIC ACID, N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-METHYLTHIO-

RTECS RN	CAS RN	CHEMICAL NAME
RP4550000	5234-68-4	1,4-OXATHIIN-3-CARBOXAMIDE, 5,6-DIHYDRO-2-METHYL-N-PHENYL-
RQ3675000	67-45-8	2-OXAZOLIDINONE, 3-(5-NITROFURFURYLIDINE-AMINO)-
RV0350000	8002-74-2	PARAFFINS, CHLORINATED
SA9275000	108-10-1	2-PENTANONE, 4-METHYL-
SE7175000	8002-05-9	PETROLEUM
SJ3325000	108-95-2	PHENOL
SJ9800000	88-85-7	PHENOL, 2-SEC-BUTYL-4,6-DINITRO-
SK2625000	95-57-8	PHENOL, O-CHLORO-
SK8575000	120-83-2	PHENOL, 2,4-DICHLORO-
SL2800000	51-28-5	PHENOL, 2,4-DINITRO-
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
SN1575000	88-06-2	PHENOL, 2,4,6-TRICHLORO-
SS7700000	108-45-2	PHENYLENEDIAMINE, M-
SS7875000	95-54-5	PHENYLENEDIAMINE, O-
SS8050000	106-50-3	PHENYLENEDIAMINE, P-
ST1050000	99-98-9	P-PHENYLENEDIAMINE, N,N-DIMETHYL
ST2690000	615-05-4	M-PHENYLENEDIAMINE, 4-METHOXY-
ST2705000	39156-41-7	M-PHENYLENEDIAMINE, 4-METHOXY-, SULFATE
SY5600000	75-44-5	PHOSGENE
SY7525000	7803-51-2	PHOSPHINE
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
TB8750000	470-90-6	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,-DICHLOROPHENYL) VINYL DIETHYL ESTER
TB9100000	961-11-5	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
TC3850000	141-66-2	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N-DIMETHYLCROTONAMIDE
TC4375000	6923-22-4	PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH (E)-3-HYDROXY-N-METHYLCROTONAMIDE
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

RTECS RN	CAS RN	CHEMICAL NAME
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)PHTALIMIDE
TE3350000	78-34-2	PHOSPHORODITHIOIC ACID, S,S'-P-DIOXANE-2,3-DIYL O,O,O',O'-TETRAETHYL 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-DIMETHYL 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-PYRIDINYL) 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-PYRIDINYL) ESTER
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-PYRIDINYL) 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
TF8350000	38260-54-7	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(6-ETHOXY-2-ETHYL-4-PYRIDINYL) 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
TG1650000	867-27-6	PHOSPHOROTHIOIC ACID, O-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
TG1750000	919-86-8	PHOSPHOROTHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER

RTECS RN	CAS RN	CHEMICAL NAME
TH3500000	7723-14-0	PHOSPHORUS (WHITE)
TH7350000	132-66-1	PHTHALAMIC ACID, N-1-NAPHTHYL-
TH7351000	132-67-2	PHTHALAMIC ACID, N-1-NAPHTHYL-, MONOSODIUM SALT
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
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-
TQ1350000	1336-36-3	POLYCHLORINATED BIPHENYLS
TQ1360000	11097-69-1	POLYCHLORINATED BIPHENYLS (AROCLOR 1254)
TQ1362000	11096-82-5	POLYCHLORINATED BIPHENYLS (AROCLOR 1260)
TQ1380000		POLYCHLORINATED TRIPHENYL
TQ1385000	12642-23-8	POLYCHLORINATED TRIPHENYL (AROCLOR 5442)
TQ1390000	11126-42-4	POLYCHLORINATED TRIPHENYL (AROCLOR 5460)
TQ2690000	9016-00-6	POLYDIMETHYL SILOXANES
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	PROPANE, 1,2-DIBROMO-3-CHLORO-
TX9625000	78-87-5	PROPANE, 1,2-DICHLORO-
TZ2975000	75-56-9	PROPANE, 1,2-EPOXY-
TZ5250000	79-46-9	PROPANE, 2-NITRO-
UB0350000	126-72-7	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
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
UE4900000	709-98-8	PROPIONANILIDE, 3',4'-DICHLORO-
UE9750000	93-65-2	PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-
UF0690000	75-99-0	PROPIONIC ACID, 2,2-DICHLORO-
UF1050000	120-36-5	PROPIONIC ACID, 2-(2,4-DICHLOROPHENOXY)-
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)ETHYL ESTER
UF8225000	93-72-1	PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)-
UF9625000	107-12-0	PROPIONITRILE
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-
VS6650000	13410-01-0	SELENIC ACID, DISODIUM SALT
VS7700000	7782-49-2	SELENIUM
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

RTECS RN	CAS RN	CHEMICAL NAME
WH6650000	900-95-8	STANNANE, ACETOXYTRIPHENYL-
WH7100000	683-18-1	STANNANE, DIBUTYLDICHLORO-
WH8575000	76-87-9	STANNANE, HYDROXYTRIPHENYL-
WK4375000	57-92-1	STREPTOMYCIN
WK4990000	3810-74-0	STREPTOMYCIN SULFATE
WL2275000	57-24-9	STRYCHNINE
WL2550000	60-41-3	STRYCHNINE,SULFATE (2:1)
WL3675000	100-42-5	STYRENE
WL6475000	9003-53-6	STYRENE POLYMER
WM8400000	121-75-5	SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, S-ESTER WITH O,O-DI METHYL PHOSPHORODITHIOATE
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
WS8225000	77-78-1	SULFURIC ACID, DIMETHYL ESTER
WT2975000	140-57-8	SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROE THYL ESTER
WZ1500000	1861-32-1	TERPHTHALIC 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
XK9450000	1594-56-5	THIOCYANIC ACID, 2,4-DINITROPHENYL ESTER
XN4375000	3689-24-5	THIOPYROPHOSPHORIC ACID, TETRAETHYL ESTER
XP7320000	7440-31-5	TIN
XR2275000	13463-67-7	TITANIUM OXIDE
XS5250000	108-88-3	TOLUENES, HALOGENATED
XS8050000	51-03-6	TOLUENE, ALPHA-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-(METHYLENEDIOX Y)-2-PROPYL-
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-DIP ROPYL-
XW5250000	8001-35-2	TOXAPHENE
XY4390000	7287-19-6	S-TRIAZINE, 2,4-BIS(ISOPROPYLAMINO)-6-(METHYLTHIO)-
XY5250000	122-34-9	S-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLAMINO)-
XY5600000	1912-24-9	S-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-
YQ9100000	314-40-9	URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL-
YS3325000	3060-89-7	UREA, 3-(P-BROMOPHENYL)-1-METHOXY-1-METHYL-
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-DIEMTHYL-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
ZE2275000	108-38-3	XYLENE, M-
ZE2450000	95-47-6	XYLENE, O-
ZE2625000	106-42-3	XYLENE, P-
ZG8600000	7440-66-6	ZINC
ZH0525000	137-30-4	ZINC, BIS(DIMETHYLDITHIOCARBAMATO)-
ZH1400000	7646-85-7	ZINC CHLORIDE
ZH3325000	12122-67-7	ZINC, (ETHYLENEBIS(DITHIOCARBAMATO))-

RTECS RN	CAS RN	CHEMICAL NAME
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ZH4900000	1314-84-7	ZINC PHOSPHIDE
ZH4950000	12071-83-9	ZINC (N,N'-PROPYLENE-1,2-BIS(DITHIOCARBAMATE))
ZH5260000	7733-02-0	ZINC SULFATE
ZH5260000	7733-02-0	ZINC SULFATE

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100-02-7	SM2275000
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101-80-4	BY7900000
101-84-8	KN8970000
101-90-6	VH1050000
10108-64-2	EV0175000
10124-36-4	EV2700000
1024-57-3	PB9450000
10265-92-6	TB4970000
103-17-3	WQ2975000
10453-86-8	GZ1310000
105-60-2	CM3675000
10588-01-9	HX7700000
106-42-3	ZE2625000
106-44-5	GO6475000
106-46-7	CZ4550000
106-50-3	SS8050000
106-51-4	DK2625000
106-89-8	TX4900000
106-93-4	KH9275000
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
108-10-1	SA9275000
108-31-6	ON3675000
108-38-3	ZE2275000
108-39-4	GO6125000
108-45-2	SS7700000
108-46-3	VG9625000
108-62-3	XF9900000
108-88-3	XS5250000
108-90-7	CZ0175000
108-94-1	GW1050000
108-95-2	SJ3325000
109-86-4	KL5775000
110-54-3	MN9275000
110-80-5	KK8050000
110-86-1	UR8400000
110-91-8	QD6475000
11096-82-5	TQ1362000
11097-69-1	TQ1360000
111-40-0	IE1225000
111-76-2	KJ8575000
11126-42-4	TQ1390000
1114-71-2	EZ0400000
114-26-1	FC3150000

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115-26-4	TD4025000
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115-32-2	DC8400000
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
120-36-5	UF1050000
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
122-14-5	TG0350000
122-34-9	XY5250000
122-39-4	JJ7800000
122-42-9	FD9100000
122-66-7	MW2625000
123-31-9	MX3500000
123-33-1	UR5950000
123-91-1	JG8225000
124-40-3	IP8750000
12427-38-2	OP0700000
126-72-7	UB0350000
126-99-8	EI9625000
12642-23-8	TQ1385000
127-18-4	KX3850000
127-20-8	UF1225000
128-44-9	DE4550000
129-00-0	UR2450000
1310-73-2	WB4900000
1314-84-7	ZH4900000
1317-39-1	GL8050000
1317-65-3	EV9580000
13171-21-6	TC2800000
132-66-1	TH7350000
132-67-2	TH7351000
133-06-2	GW5075000
133-90-4	DG1925000
1332-21-4	CI6475000
1332-40-7	GL7020000
1335-32-6	OF8750000
1336-36-3	TQ1350000
1338-02-9	QK9100000

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CAS-NR	RTECS-NR
13410-01-0	VS6650000
13463-67-7	XR2275000
136-25-4	UF1400000
137-30-4	ZH0525000
137-42-8	FC2100000
13952-84-6	EO3325000
140-57-8	WT2975000
140-88-5	AT0700000
1402-68-2	AW5950000
141-66-2	TC3850000
142-47-2	MA1575000
142-59-6	FA6825000
143-50-0	PC8575000
14484-64-1	NO8750000
145-73-3	RN7875000
148-79-8	DE0700000
150-68-5	YS6300000
152-16-9	UX5950000
1563-66-2	FB9450000
1582-09-8	XU9275000
1594-56-5	XK9450000
15972-60-8	AE1225000
16102-92-4	GL5900000
16752-77-5	AK2975000
1746-01-6	HP3500000
1746-81-2	YS6425000
17804-35-2	DD6475000
1836-75-5	KN8400000
18540-29-9	GB6262000
1861-32-1	WZ1500000
1861-40-1	XU4550000
1910-42-5	DW2275000
1912-24-9	XY5600000
1918-00-9	DG7525000
1918-02-1	TJ7525000
1918-13-4	CV3850000
1918-16-7	AE1575000
1982-49-6	YT7350000
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
21908-53-2	OW8750000
2238-07-5	KN2350000
2275-23-2	TF7900000
22781-23-3	FC1140000
2310-17-0	TD5175000
23103-98-2	EZ9100000
23135-22-0	RP2300000
23505-41-1	TF1610000

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CAS-NR	RTECS-NR
23564-05-8	BA3675000
23564-06-9	BA3650000
2385-85-5	PC8225000
2439-10-3	MF1750000
25322-69-4	TR5250000
2540-82-1	TE1050000
2597-03-7	AI7875000
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
3060-89-7	YS3325000
309-00-2	IO2100000
314-40-9	YQ9100000
3165-93-3	XU5250000
327-98-0	TB0700000
330-54-1	YS8925000
330-55-2	YS9100000
333-41-5	TF3325000
3347-22-6	QL0700000
3383-96-8	TF6890000
35367-38-5	YS6200000
3653-48-3	AG2625000
3689-24-5	XN4375000
3691-35-8	NK5335000
3810-74-0	WK4990000
38260-54-7	TF8350000
39156-41-7	ST2705000
39300-45-3	GQ5775000
4032-26-2	JM5750000
462-06-6	DA0800000
470-90-6	TB8750000
4824-78-6	TE7000000
485-31-4	GQ5600000
50-00-0	LP8925000
50-29-3	KJ3325000
50-32-8	DJ3675000
51-03-6	XS8050000
51-28-5	SL2800000
510-15-6	DD2275000
51630-58-1	CY1576350
52-68-6	TA0700000
52315-07-8	GZ1250000
5234-68-4	RP4550000
52645-53-1	GZ1255000

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52820-00-5	GZ1240000
534-52-1	G09625000
54-11-5	QS5250000
542-75-6	UC8310000
542-88-1	KN1575000
544-92-3	GL7150000
55-18-5	IA3500000
55-38-9	TF9625000
554-84-7	SM1925000
56-23-5	FG4900000
56-38-2	TF4550000
56-55-3	CV9275000
56-72-4	GN6300000
563-12-2	TE4550000
57-12-5	GS7175000
57-24-9	WL2275000
57-74-9	PB9800000
57-92-1	WK4375000
5707-69-7	NY2800000
57321-63-8	KO4200000
58-89-9	GV4900000
5836-29-3	GN7630000
584-79-2	GZ1925000
584-84-9	CZ6300000
591-78-6	MP1400000
592-01-8	EW0700000
59536-65-1	LK5060000
598-63-0	OF9275000
60-41-3	WL2550000
60-51-5	TE1750000
60-57-1	IO1750000
602-87-9	AB1060000
615-05-4	ST2690000
6164-98-3	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
63-25-2	FC5950000
630-20-6	KI8450000
640-15-3	TE4375000
644-64-4	EZ9084000
65-30-5	QS9625000
650-51-1	AJ9100000
67-45-8	RQ3675000
67-56-1	PC1400000
67-66-3	FS9100000
67-72-1	KI4025000
6795-23-9	GY1880000
683-18-1	WH7100000
6885-57-0	GY1720000

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CAS-NR	RTECS-NR
6923-22-4	TC4375000
709-98-8	UE4900000
71-43-2	CY1400000
71-55-6	KJ2975000
72-20-8	IO1575000
72-43-5	KJ3675000
72-54-8	KI0700000
72-55-9	KV9450000
7220-81-7	GY1722000
7241-98-7	LV1700000
7287-19-6	XY4390000
732-11-6	TE2275000
74-83-9	PA4900000
74-90-8	MW6825000
74-98-6	TX2275000
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
7440-47-3	GB4200000
7440-66-6	ZG8600000
7446-27-7	OG3675000
7487-94-7	OV9100000
75-00-3	KH7525000
75-01-4	KU9625000
75-04-7	KH2100000
75-05-8	AL7700000
75-12-7	LQ0525000
75-15-0	FF6650000
75-21-8	KX2450000
75-25-2	PB5600000
75-35-4	KV9275000
75-44-5	SY5600000
75-56-9	TZ2975000
75-99-0	UF0690000
7546-30-7	OV8750000
76-01-7	KI6300000
76-06-2	PB6300000
76-44-8	PC0700000
76-87-9	WH8575000
7631-99-4	WC5600000
7632-00-0	RA1225000
7646-85-7	ZH1400000
7681-49-4	WB0350000
7696-12-0	GZ1700000
77-47-4	GY1225000
77-78-1	WS8225000

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CAS-NR	RTECS-NR
7704-34-9	WS4250000
7722-84-1	MX0900000
7723-14-0	TH3500000
7733-02-0	ZH5260000
7738-94-5	GB2450000
7758-99-8	GL8900000
7778-44-1	CG0830000
7778-50-9	HX7680000
7782-49-2	VS7700000
7784-40-9	CG0980000
7786-34-7	GQ5250000
7789-12-0	HX7750000
7791-12-0	XG4200000
78-00-2	TP4550000
78-34-2	TE3350000
78-53-5	TF0525000
78-57-9	TD5600000
78-59-1	GW7700000
78-87-5	TX9625000
78-93-3	EL6475000
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786-19-6	TD5250000
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79-01-6	KX4550000
79-06-1	AS3325000
79-34-5	KI8575000
79-46-9	TZ5250000
80-06-8	DC7875000
8001-35-2	XW5250000
8002-05-9	SE7175000
8002-74-2	RV0350000
8003-34-7	UR4200000
8065-48-3	TF3150000
81-07-2	DE4200000
81-81-2	GN4550000
81-82-3	GN4830000
83-26-1	NK6300000
83-79-4	DJ2800000
84-66-2	TI1050000
84-74-2	TI0875000
85-00-7	JM5690000
86-30-6	JJ9800000
86-50-0	TE1925000
86-88-4	YT9275000
867-27-6	TG1650000
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
90-13-1	QJ2100000

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CAS-NR	RTECS-NR
900-95-8	WH6650000
9002-86-2	KV0350000
9002-88-4	TQ3325000
9003-53-6	WL6475000
9003-56-9	DB4370000
9016-00-6	TQ2690000
91-64-5	GN4200000
91-94-1	DD0525000
919-76-6	TE1575000
919-86-8	TG1750000
92-67-1	DU8925000
92-87-5	DC9625000
93-65-2	UE9750000
93-72-1	UF8225000
93-76-5	AJ8400000
94-74-6	AG1575000
94-75-7	AG6825000
94-81-5	ES8575000
95-06-7	EZ5075000
95-47-6	ZE2450000
95-48-7	GO6300000
95-54-5	SS7875000
95-57-8	SK2625000
950-37-8	TE2100000
957-51-7	AB8050000
96-12-8	TX8750000
96-45-7	NI9625000
961-11-5	TB9100000
973-21-7	FF9100000
98-11-3	DB4200000
98-95-3	DA6475000
99-98-9	ST1050000
991-42-4	RB8750000
991-42-4	RB8750000

VI. 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.

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.

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 Anmerdestelle nach dem ChemG" (ordinance on the provision of the notification authority).

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.

In furtherance of this aim, the Chemicals Act imposes certain obligations on producers and marketers (define 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 works' measures for 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 and working in their danger zone and thereby serves to protect the workers.

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.

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.

In addition, 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 prospection, 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 PHILOSOPHY AND OUTLINES OF THE REGULATIONS ON CHEMICALS AND CHEMICAL PRODUCTS IN SWEDEN

The main legislation for chemicals in general is the Act on Products Hazardous to Health and the Environment (1973).

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 "Products Hazardous to Health and the Environment" is administered by the Products Control Board. This legislation refers to the chemical and its potential to be harmful to man and the environment due to its properties. It 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 clearly defined in Para. 5:

- "Anyone handling or importing a product hazardous to health and to the environment shall take such steps and otherwise observe such precautions as are necessary to prevent or minimise harm to human beings or the environment. It is the particular duty of anyone manufacturing or importing such a product to inquire carefully into its composition and other properties with a bearing on public health or environmental protection. The product shall be clearly marked with information of importance from the standpoint of public health or environmental protection ..."

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 Products Control Board 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 has been taken by the 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 the facility of the manufacturer or importer, regulations and guidelines in specific areas are issued by the Board.

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" (1975). The groups or types of chemicals regulated are: - waste oils, solvents, paints, glues and lacquers; - concentrated acid/alkaline wastes; - waste from surface treatment operations containing cadmium, copper, chromium, nickel, tin and zinc; - waste from graphic or photographic operations containing silver or zinc; - and wastes containing mercury, cyanide, PCBs or pesticides.

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.

Finally, there are a few groups of chemicals for which special regulations are issued in the "Ordinance on Products Hazardous to Health and the Environment" (1973).

Pesticides

According to the legislation, the term "pesticide" means a substance or a product that is intended for use as a safeguard against damage to property, sanitary nuisances or other comparable nuisances caused by plants, animals, bacteria or viruses. 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 registered with the Products Control Board. The conditions for the registration are decided by the Board. A positive list of substances registered for use as pesticides is published each year.

Polychlorinated biphenyls (PCBs)

PCBs are regulated under the same ordinance. Permission is required for import, use or any other form of handling of PCB. Most uses are prohibited.

Cosmetics

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

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AB1060000 5-NITROACENAPHTHENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL, - PROVEN IN ANIMAL EXPERIMENTS. NO MAK-VALUE ESTABLISHED	MCH1983	DFSK** XVII1,14,1982
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 (1.0-0.1%). 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.	10OCT1980	JUL1982 BGBL** IS.2069,2069,1980

AB8050000 DIPHENAMID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.1-1 MG/KG; ANIMAL (SPECIFIED) : 0.01-0.05 MG/KG (TOLERANCE LIMITS FOR NON-INTENTIONAL RESIDUES)	02JUN1981	MDFAB* -, -, 1981
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED) : 0.05 MG/KG WMT	28FEB1979	BGBL** IS.1525, 1525, 1978
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (GENERAL) : 0.01 MG/KG	1AUG1978	MCH1982 BGBL** IS.718, 728, 1978
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 FOR LABEL AND PACKAGING OF CHEMICALS (S 13). 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. 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).	10CT1980	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 FOR LABEL AND PACKAGING OF CHEMICALS (S 13). 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. 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).	JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL - PACK - USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 FOR LABEL AND PACKAGING OF CHEMICALS (S 13). 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. 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).	1SEP1978	GBRSI* 209, 1, 1978
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	JUL1983	JPAGR* -, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG.	SEP1982	GSKEN* 40, 410, 1978
SUN	REG	FOOD	MRL	LIMITS	JUN1982	NIKDP* -, 512, 1978
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-55% (SOLID) OR 100-10% (LIQUID).	SEP1982	UNTDG* -, 183, 1982
USA	REG	FOOD FEED	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

AE1225000 ALACHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED : 0.01-0.2 MG/KG (PROVISIONAL TOLERANCES VALID UNTIL 31.12.1983)	AUG1981	AUG1982	PMSBR* 27-13MAY,-, 1981
CSK DEU	REG REG	USE FOOD	AGRIC MRL	PLANT (SPECIFIED) 0.1 MG/KG, PLANT (GENERAL) 0.02 MG/KG	AUG1981 1AUG1978	MAY1982 MCH1982	SPPOR* -, -, 1981 BGBL** 1S.718.720.1978
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	1AUG1978	JUL1983	JPAGR* -, -,
SUN USA	REG REG	AIR FOOD FEED	OCC ARL	0.5 MG/M3 (AEROSOL) RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.02-3 MG/KG (INCL. ITS METABOLITES). (AMENDED: FEREC 48,5920,1983; 48,13173,1983)	AUG1981	JUN1982 APR1983	PKTV* -, -, 1978 CFRUS* 40(180),152,1981

AE1575000 PROPACHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	USE LABEL PACK USE	AGRIC - - OCC	PRMT RQR RQR RSTR	AUG1981 OCT1980	MAY1982 JUN1982	SPPOR* - BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK		RQR RQR		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL PACK USE		RQR RQR PRMT	1SEP1978	JAN1983	GBRSI* 209,1,1978
SUN SUN SWE	REG REG REG	AQ FOOD AIR SALE LABEL CLASS USE STORE	SURF OCC	MAC MRL MAC PRMT RQR PRMT RQR	JAN1977	JUN1982 JUN1982 OCT1982	PDKTV* - NIKDP* - GOSTS* 12.1.005, PFBEK* -
UN	REC	TRNSP LABEL PACK FOOD FEED		CLASS		SEP1982	UNTDC* -
USA	REG	FOOD FEED		ARL		APR1983	CFRUS* 40(180),152,1981

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 PREGNANTS AND PREGNANT OR NURSING WOMEN.
 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** L.360,1,1976)
 APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
 0.01 MG/L
 LIMITS
 CLV : 0.5 MG/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).
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-35% (LIQUID).
 RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.02-3 MG/KG (INCL. ITS METABOLITES, CALCULATED AS PROPACHLOR). (AMEN DLD: FEREC 47,25958,1982; 47,28380,1982; 47,28626,1982; 47,46701,1982)

AFT7140000 DINOSEB, ACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 0.05 MG/KG (PROVISIONAL TO LERANGES VALID UNTIL 31.12.1983)	11MAY1981	AUG1982	MDINB* -, -, 1981
BRA	REG	FEED	AL	ALFALFA : 0.05 MG/KG. (PROVISIONAL TOLERANCE S VALID UNTIL 31.12.1983).	11MAY1981	AUG1982	MDINB* -, -, 1981
CSK	REG	USE	CLASS PRMT	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
CSK	REG	FOOD	MRL		AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	PLANT (ALL) 0.05 MG/KG (WITH DINOSEB AND ITS SALTS, CALCULATED AS DINOSEB) 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.	1AUG1978	MCH1982	BGBL** IS.718, 727, 1978
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 MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). (APPLIES TO DINOSEB SALTS AND ESTERS . THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	10CT1980	JUN1982	BGBL** IS.2069, 2069, 1980
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUL1983	JPACR* -, -,
JPN	REG	CLASS LABEL SALE CLASS LABEL	CLASS RQR RSTR CLASS RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983	JPPDL* -, -,
JPN	REG	CLASS LABEL SALE CLASS LABEL	CLASS RQR RSTR CLASS RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER		JUL1983	JPPDC* -, -,
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-10% (SOLID) OR 100-3% (LIQUID).	-	SEP1982	UNITDC* -, 183, 1982

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
AG1575000	MCPA						
CSK DEU	REG	USE FOOD	AGRIC	PRMT MRL	AUG1981	MAY1982	SPPOR* -, -, 1981
	REG				1AUG1978	MCH1982	BGBL** IS. 718, 732, 1978
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980	JUN1982	BGBL** IS. 2069, 2069, 1980
EEC	REG	LABEL PACK		RQR RQR		JUN1982	OJEC** L. 360, 1, 1976
GBR	REG	LABEL PACK USE		RQR RQR PRMT	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG					MCH1983	APFG** -, 89, 1983
JPN	REG	USE	AGRIC	PRMT		JUL1983	JPAGR* -, -,
SUN	REG	AQ	SURF	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	FOOD		MRL		JUN1982	NIKDP* -, 512, 1978
SWE	REG	FOOD		MTC		JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	USE		PRMT	1MCH1983	OCT1982	PFBEK* -, 84, 1982
UN	REG	TRNSP LABEL PACK FOOD FEED		CLASS		SEP1982	UNTDG* -, 183, 1982
USA	REG	FOOD FEED		ARL		APR1983	CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED		ARL		APR1983	CFRUS* 40(180), 152, 1981

PLANT (ALL) 0.1 MG/KG (WITH ITS SALTS AND ESTERS, MCPB AND SALTS AND ESTERS, CALCULATED AS MCPA)

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 PREGNANT AND PREGNANT OR NURSING WOMEN.

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 SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)

FOR LABEL AND PACKAGING SEE EEC (OJEC** L. 360, 1, 1976)

APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED

THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE

0.25 MG/L

LIMITS

PLANT (SPECIFIED) : 0.1 MG/KG

AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPARING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.

PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=100-35% (LIQUID).

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, TRIISOPROPANOLAMINE, OR DIMETHYLAMINE SALTS OR ITS ISOCTYL OR BUTOXYETHYL ESTERS. (AMENDED: FEREAC 47, 8013, 1982; 47, 33691, 1982)

RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.1 MG/KG (INCL. MCPA AND ITS METASOLITE 2-METHYL-4-CHLOROPHENOL)

AG2625000 METHOXON, SODIUM MCPA

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (ALL) 0.1 MG/KG (WITH MCPA AND OTHER SALTS AND ESTERS THEREOF, AS WELL AS MCPB AND ITS SALTS AND ESTERS. CALCULATED AS MCPA).	1AUG1978	MCH1982 BGBL** IS.718,732,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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. XN - 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 SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	10OCT1980	JUN1982 BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976). WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS 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).	JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976). WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS 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).	1SEP1978	JAN1983 GBRSI* 209,1,1978
SWE	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976). WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS 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).	1JAN1981	OCT1982 PKB03* -,1,1980
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR PRMT RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976). WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS 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).	OCT1982	PFBEK* -,58,1982
USA	REG	FOOD FEED	ARL	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976). WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN PHENOXY ACIDS AS ACTIVE INGREDIENTS AND ARE IN THE FORM OF POWDERS 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).	APR1983	CFRUS* 40(180),152,1981

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

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
ARG	REG	FOOD	MXL	0.5-5.0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073,-	
ARG	REG	FEED	MXL	20 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073,-	
ARG	REG	AIR	OCC	TWA: 10 MG/M3; STEL: 20 MG/M3.	22MAY1979	MCH1982	ADEGT* 351,-	
CSK	REG	USE	AGRIC		AUG1981	MAY1982	SPPOR* -,1981	
DEU	REG	AIR	OCC	10 MG/M3 (INCLUDING SALTS AND ESTERS)	MCH1983	DFSK**	XVII,14,1982	
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 2.0 MG/KG. PLANT (GENERAL)	1AUG1978	MCH1982	BGBL**	IS.718,725,1978
				0.1 MG/KG.(WITH ITS SALTS AND ESTERS, CALCULA TED AS 2,4-D)				
DEU	REG	LABEL	ROR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1OCT1980	JUN1982	BGBL**	IS.2069,2069,1980
		PACK	ROR	1,1976). HANDLING OF SOME GROUPS OF CHEMICA				
		USE	RSTR	LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)				
EEC	REG	LABEL	ROR	IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.				
		PACK	ROR	XN - HARMFUL BY INHALATION, IN CONT		JUN1982	OJEC**	L.360,1,1976
FAO/WHO	REC	FOOD	ADI	ACT WITH SKIN AND IF SWALLOWED (R 20/21/22).				
FAO/WHO	REC	FOOD	MRL	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.)				
				0.3 MG/KG BW				
FAO/WHO	REC	FOOD	MRL	BLACKBERRIES, RASPBERRIES, VACCINIUM BERRIES. 5 MG/KG; CITRUS FRUIT 2 MG/KG; POTATOES 0.2 M G/KG; EGGS, MEAT, MILK AND MILK PRODUCTS 0.05 MG/KG		MCH1982	FPPDD	26,68,1981
				BARLEY, OATS, RYE, WHEAT 0.5 MG/KG; OTHER CER EAL GRAINS 0.2 MG/KG		MCH1982	FPPDD	11,17,1978
FAO/WHO	REC	FOOD	MRL	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI*	209,1,1978
GBR	REG	LABEL	ROR	1,1976)				
GBR	REG	PACK	ROR	APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFI C USES, LIMITATIONS AND SAFETY PRECAUTIONS AR E LISTED		MCH1983	APFG**	-,89,1983
GBR	REG	USE	PRMT					
GBR/WHO	REC	AIR	OCC	TWA : 20 MG/M3 STEL : 10 MG/M3		MCH1983	GNHSE*	EH15/80,9,1980
GBR/WHO	REC	USE	PRMT	HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 3 WEEKS. (AP PLIES TO 2,4-D WITH MALEIC HYDRAZIDE)		MCH1983	APFG**	-,29,1983
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY 'ULV' MACHINES. (I APPLIES TO 2,4-D ALONE OR WITH AMINOTRIAZOLE AND ATRAZINE). SPECIFIC USES ARE LISTED THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE				
JPN	REG	USE	AGRIC	PRMT		JUL1983	JPAGR*	-,,-
KEN	REG	FOOD	MXL	SPECIAL FOOD PRODUCTS: 0.2 MG/KG.		SEP1982	CSKEN*	40,410,1978
MEX	REG	AQ	AMBI	0.10 MG/L OF 2,4-D DERIVATIVES IN ESTUARIES	27JUN1973	OCT1982	DOMEX*	29 MCH,1167,1973
MEX	REG	AQ	AMBI	0.010 MG/L OF DERIVATIVES OF 2,4-D IN COASTAL WATERS	27JUN1973	OCT1982	DOMEX*	29 MCH,1167,1973
SUN	REG	FOOD	PRO	PESTICIDE PROHIBITED IN ALL FOOD. (APPLIES TO 2,4-D AND ITS COMPOUNDS)		JUN1982	NIKDP*	-,512,1978
SUN	REG	AIR	OCC	MAC	JAN1977	JUN1982	COSTS*	12.1.005,-,1976

SWE	REG	REG	REG	CLASS	HAZARD CLASS:	STEL:	DATE	STNAF*
SWE	REG	REG	REG	CLASS MTC PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE PLANT (SPECIFIED) : 0.1-2 MG/KG AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMP RISING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS	20 MG/M3	22DEC1978 1MCH1983	1978:5(PK:6), 1, 1978 1983:1, 1, 1983 PFBEK* -, 84, 1982
UN	REC	TRNSP LABEL PACK	CLASS	CLASS	6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN AI=100-75% (SOLID) OR 100-15% (LIQUID).		-	SEPT1982 UNTDG* -, 183, 1982
USA	REC	AIR WASTE	TLV CLASS RSTR RQR	CLASS	TWA: 10 MG/M3; STEL: 20 MG/M3. 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). (APPLIES TO 2,4-D AND ITS SALTS AND ESTERS).		19NOV1980	JAN1983 ACGIH* -, 9, 1982 JUL1983 CFRUS* 40 (261), 368, 1981
USA	REC	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: FEREAC 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	REC	WASTE	CLASS RSTR RQR	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 2,4-D AND ITS SALTS AND ESTERS).		19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REC	WASTE AQ	RQR	CLASS	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, 842, 1982 (INTERIM); 47, 32274, 1982)		19NOV1980	APR1983 CFRUS* 40 (265), 483/536, 1981
USA	REC	AIR AQ	PEL MPC RQR	CLASS	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.1 MG/L OF 2,4-D. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)		JUN1974 24DEC1976	APR1983 CFRUS* 29(1910), 673, 1981 MAY1983 CFRUS* 40(141), 309, 1981
USA	REC	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	REC	FOOD FEED	ARL	CLASS	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		APR1983	CFRUS* 40(180), 152, 1981

. 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: FEREAC 47,620, 1982; 48,2322, 1982)

USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2 MG/KG (INCL. 2,4-DB AND ITS METABOLITE 2,4-D). (AMENDED: FEREAC 48, 19026, 1983)	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2 MG/KG (INCL. 2,4-DB AND ITS METABOLITE 2,4-D). (AMENDED: FEREAC 48, 19026, 1983)	APR1983 CFRUS* 40(180), 152, 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	REG	FEED USE	ARL PRMT MPC	SPECIFIED ANIMAL FEED PRODUCTS : 2-5 MG/KG	JUL1983 CFRUS* 21(561), 523, 1981
USA	REG	AQ	DRINK	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.1 MG/L OF 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)	JUL1983 CFRUS* 21(103), 52, 1981
USA	REG	WASTE	RQR	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), 376, 1981
USA	REG	WASTE	MPC CLASS 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.	APR1983 CFRUS* 40(261), 360, 1981
USA	REG	WASTE	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	WASTE	RQR MPC	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	MAY1983 CFRUS* 40(122), 121, 1981
USA	REG	WASTE	EMI WASTE	(AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	AUG1983 FEREAC 47, 620, 1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2-5 MG/KG. (APRICOTS: 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)	

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WHO REC AQ DRINK GL 100 UG/L (MAY BE DETECTABLE BY TASTE AND ODOUR AT LOWER CONC.) MCH1983 WHODW* -, 17, 1983

AH9100000 SODIUM FLUOROACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	<p>CLASS DANGEROUS POISONOUS SUBSTANCE 0.05 MG/M3 (CUTANEOUS ABSORPTION) NOT REGISTERED AS A PESTICIDE REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >= 1KG (WITH OTHER FLUOROACETIC ACID SALTS) IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARD S OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLVI NG, OR POSSIBLY INVOLVING, ONE OR MORE DANGER OUS SUBSTANCES IS OBLIGED TO TAKE ALL THE MEAS URES NECESSARY TO PREVENT MAJOR ACCIDENTS, TO O LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENV IRONMENT, AND TO NOTIFY THE COMPETENT AUTHOR ITY ABOUT THE INDUSTRIAL ACTIVITY TWA : 0.05 MG/M3 STEL : 0.15 MG/M3 SKIN ABSOR PTION</p>	JUL1967	MAY1982	SZCSR* 22,217,1967 MCH1983 DFSK** XVIII,14,1982 MCH1983 DFSK** XVIII,14,1982 MAY1982 BGBL** IS.772,772,1980
DEU	REG	USE					
DEU	REG	AIR	IMI				
DEU	REG	AQ	IMI				
DEU	REG	SOIL	IMI				
DEU	REG	SED	IMI				
EEC	REG	MANUF - USE	INDST		8JAN1984	DEC1982	OJEC** L230,1,1982
GBR	REC	AIR	OCC				MCH1983 GNHSE* EH15/80,9,1980
GBR	REG	LABEL PACK			1APR1982	JAN1983	GBRIS* 218,1,1982
GBR	REG	STORE					
GBR	REG	TRNSP					
GBR	REG	SALE LABEL STORE			1APR1982	JAN1983	GBRIS* 218,1,1982
IMO	REC	TRNSP LABEL PACK	MARIN	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB STANCE AT CONC.'S BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HA ZARD		JUL1983	IMCOC* 111,9030,1977
IMO	REC	TRNSP LABEL PACK	MARIN	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	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A RODENTICIDE		JUL1983	JPAGR* -, -,
SWE	REG			CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978	OCT1982	STNAF* 1978:5(PK:6),1,1978

UN	REC	TRNSP LABEL PACK	OCC	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	UNTDCG*	SEP1982
USA	REC	AIR	OCC	TLV	TWA: 0.05 MG/M3; STEL: 0.15 MG/M3 (SKIN ABSORPTION).	JAN1983	ACGIH* -, 9, 1982
USA	REG	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: FEREC 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		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))	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	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: 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	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	AIR	OCC	PEL	TWA: 0.05 MG/M3, SKIN ABSORPTION	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981

A15250000 LEAD ACETATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GBR	REG	LABEL PACK	RQR	LABEL : "POISON". FURTHER GENERAL REQUIREMENT S CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO LEAD ACETATES)	1APR1982	JAN1983	GBRSI* 217, 218, 1, 1982
GBR	REG	TRNSP CLASS SALE	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)	1APR1982	JAN1983	GBRSI* 217, 1, 1982
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	-	SEP1982	IMCOC* 4, 10003, 1977
SWE UN	REC	REG	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE DANGEROUS SUBSTANCE	22DEC1978	OCT1982	SINAF* 1978:5(PK:6), 1, 1978
USA	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	22DEC1978	NOV1979	SINAF* 5, -, 1978
USA	REC	WASTE	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "FOXIC 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	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	JUL1983	CFRUS* 40(264), 455, 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 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	WASTE	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	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 SHOREL	MAY1983	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.

AI7875000 PHENTHOATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.01-0.1 MG/KG ("SECURITY" INTERVAL: 21 DAYS)	10OCT1980	AUG1982	CDABR* 2, 75, 1980
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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.		JUN1982	BGBL** IS.2069, 2069, 1980
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).		JUN1982	OJEC** L.360, 1, 1976
FAO/WHO REC	REC	FOOD	ADI	0.001 MG/KG BW (TEMPORARY UNTIL 1984).	-	MCH1983	FPPDD 37, 56, 1982
FAO/WHO REC	REC	FOOD	MRL	CITRUS FRUITS 1 MG/KG; CARCASS MEAT OF CATTLE, EGGS 0.05 MG/KG; MILK 0.01 MG/KG		MCH1982	FPPDD 26, 73, 1981
FAO/WHO REC	REC	FOOD	MRL	RICE (HUSKED): 0.05 MG/KG (TEMPORARY MRL, MET ABOLITES ARE NOT INCLUDED).		MCH1983	FPPDD 37, 56, 1982
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)		JAN1983	GBRSI* 209, 1, 1978
JPN	REG	USE AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	1SEP1978	JUL1983	JPAGR* -, -,
JPN	REG	CLASS LABEL	RQR	CLASS 3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983	JPPDL* -, -,
JPN	REG	CLASS LABEL	RSTR	CLASS 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (EXCEPT WHEN THE CONCENTRATION IS BELOW 3%)		JUL1983	JPPDC* -, -,
JPN	REG	FOOD	ARL	SPECIFIED PLANT PRODUCTS : 0.05 - 0.1MG/KG		JUL1983	JPNFS* -, -,
SUN	REG	AIR	MAC	0.006 MG/M3, 1X/D 0.002 MG/M3, AV/D		JUN1982	PDKTV* -, -, 1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NIKDP* -, 512, 1978
SUN	REG	AIR	MAC	CLV : 0.15 MG/M3 (VAPOUR + AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	FOOD	MTC	CITRUS FRUITS: 1.0MG/KG	1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983

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

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR OCC	MPG	TWA: 10 MG/M3: STEL: 20 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -,
CSK	REG	USE AGRIC	PRMT	10 MG/M3 (CUTANEOUS ABSORPTION)	MAY1982	SPPOR**	-, -, 1981
DEU	REC	AIR OCC	MAK	PLANT (SPECIFIED) 2.0 MG/KG, PLANT (GENERAL)	AUG1981	MCH1983	DFSK** XVII, 14, 1982
DEU	REG	FOOD	MRL	0.05 MG/KG (WITH ITS SALTS AND ESTERS, CALCULATED AS 2,4,5-T)	1AUG1978	MCH1982	BGBL** IS.718,736,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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.	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	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.)		JUN1982	OJEC** L.360, 1, 1976
FAO/WHO	REC	FOOD	ADI	0.03 MG/KG BW.	-	MCH1983	FPPDD 37,57,1982
FAO/WHO	REC	FOOD	MRL	CEREAL STRAW 2 MG/KG; APPLES, APRICOTS, BARLEY, CARCASS MEAT, EGGS, MEAT BY-PRODUCTS, MILK, OATS, RICE, RYE, SUGAR CANE, WHEAT 0.05 MG/KG.	-	MCH1983	FPPDD 37,57,1982
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	USE	PRMT	APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APTC** -, 89, 1983
GBR	REG	AIR OCC	TLV	TWA: 10 MG/M3 STEL: 20 MG/M3		MCH1983	GNHSE* EH15/80,9,1980
GBR	REG	USE	PRMT	APPROVED FOR APPLICATION BY 'ULV' MACHINES. SPECIFIC USES ARE LISTED		MCH1983	APFG** -, 24, 1983
JPN	REG	CLASS LABEL SALE	CLASS RQR RSIR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO 2,4,5-T AND ITS ESTERS)		JUL1983	JPPDC* -, -,
MEX	REG	AQ	AMBI	0.10 MG/L OF DERIVATIVES OF 2,4,5-T IN ESTUARIES	27JUN1973	OCT1982	DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	AMBI	0.010 MG/L OF DERIVATIVES OF 2,4,5-T IN COASTAL WATERS	27JUN1973	OCT1982	DOMEX* 29 MCH,1167,1973
SWE	REG	USE	PRO	PESTICIDE FORMULATIONS MAY NOT BE REGISTERED IF THEY CONTAIN 2,4,5-T OR DERIVATES OR SALTS THEREOF	31MAY1977	OCT1982	SVENF* 1977 : 246,1,1977
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR OR DANGER WHEN AT 100-60% (SOLID) OR 100-15% (LIQUID).		SEP1982	UNTDG* -, 183, 1982
USA	REC	AIR OCC	TLV	TWA: 10 MG/M3: STEL: 20 MG/M3.	19NOV1980	JAN1983	ACGIH* -, 9, 1982
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 PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 46,		JUL1983	CFRUS* 40 (261), 368, 1981

VII/16 (contd.)

56582, 1981 (INTERIM); 47,36097, 1982; 48,2532,
1983 (INTERIM); 48,11157, 1983 (ENFORCEMENT GU
IDANCE).

USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC 22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
				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})
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}).
USA	REG	AQ	EMI RQR	SPECIFIED APPLICANTS FOR PERMITS TO DISCHARGE PROCESS WASTE WATER INTO US WATERS MUST REPORT QUANTITATIVE DATA ON TCCD IF THEY USE OR MANUFACTURE 2,4,5-T
USA	REG	AIR	PEL	TWA: 10 MG/M ³
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.
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.
USA	REG	CLASS IMPRT	CLASS RSTR	THE SUBSTANCE IS CLASSIFIED AS AN IMPLEMENT OF WAR (ANTIPLANT CHEMICAL) SUBJECT TO CERTAIN SPECIFIED IMPORT RESTRICTIONS
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 CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED; FER EAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)
				JUN1974 APR1983 CFRUS* 29(1910), 673, 1981 MAY1983 CFRUS* 40(116), 33, 1981
				MAY1983 CFRUS* 40(117), 44, 1981
				JUL1983 CFRUS* 27(47), 263, 1981
				MAY1983 CFRUS* 40(122), 121, 1981
				MAY1980 JUL1983 CFRUS* 40(261), 358, 1981
				MAY1983 CFRUS* 40(122.53), 122, 1981

RECOMMENDATIONS-LEGAL MECHANISMS

AJ9100000 TCA; TCA SODIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0 MG/KG, PLANT (GENERAL) 0.01 MG/KG (WITH TCA AND OTHER SALTS THEREOF, CALCULATED AS TCA)	1AUG1978	MCH1982	BGBL** IS.718,737,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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.	1OCT1980	JUN1982	BGRL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). AVOID CONTACT WITH SKIN AND EYES (S 24/25).		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
JPN	REG	USE AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUL1983	JPAGR* -, -,
SUN	REG	AQ SURF	MAC	5.0 MG/L		JUN1982	PKIV* -, -, 1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NIKDP* -, 512,1978
SWE	REG	FOOD SALE LABEL CLASS USE STORE	PRMT RQR RQR 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).		OCT1982	PFBEK* -, 58,1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.5 MG/KG		APR1983	CFRUS* 40(180),152,1981

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AREA	REG	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
CSK	REG	USE	AGRIC	PRMT		AUG1981	MAY1982	SPPOR* -, -, 1981	
FAO/WHO	REC	FOOD		GL			APR1982	FPPDD 11,30,1978	
		FEED			ALFALFA, BARLEY STRAW, OAT STRAW, PEA FORAGE, SORGHUM FORAGE, SOYBEAN FORAGE, WHEAT STRAW, 10 MG/KG; CABBAGE, COLLARDS, GRAPES, LETTUCE, NECTARINES, PEAS (INCL. PODS), PEACHES, PEANUT FORAGE, SPINACH 5 MG/KG; CELERY 3 MG/KG; APPLES, ASPARAGUS, CITRUS (ORANGES, LEMONS, GRAPEFRUIT, TANGELOS), MINT HAY, SNAP BEANS 2 MG/KG; CAULIFLOWER, GRAPES, HOPS (DRIED), PEPPERS, TOBACCO (FLUE CURED), TOMATOES 1 MG/KG; CUCUMBERS, EGGPLANTS, ONIONS (GREEN), PEAS (SHELLED, EXCLUDING PODS) 0.5 MG/KG; BARLEY, CANTALOUPE, MELONS, ONIONS (DRY), PINEAPPLES, SORGHUM, SUMMER SQUASH, WATERMELONS 0.2 MG/KG; BEANS (DRY), COTTONSEED, OATS, PEANUTS, PEANUT HULLS, POTATOES, SOYBEANS, SUGARBEETS, WHEAT CORN, WHEAT 0.1 MG/KG; MEAT, MILK 0.02 MG/KG.				
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 SYSTEMIC INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		MCH1983	APFG** -, 15, 1983	
GBR	REG	USE		PRMT			MCH1983	APFG** -, 89, 1983	
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	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY.	1APR1982	JAN1983	GBRIS* 218, 1, 1982	
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS.	1APR1982	JAN1983	GBRIS* 218, 1, 1982	
GBR	REG	AIR LABEL	OCC	TLV	TWA : 2.5 MG/M3	1APR1982	MCH1983	GNHSE* EH15/80, 9, 1980	
GBR	REG	PACK STORE		RQR	LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.	1APR1982	JAN1983	GBRIS* 217, 218, 1, 1982	
GBR	REG	TRNSP		RQR					
GBR	REG	SALE LABEL		RSTR	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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN.	1APR1982	JAN1983	GBRIS* 218, 1, 1982	
GBR	REG	STORE		RQR					
JPN	REG	USE	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A PESTICIDE		JUL1983	JPAGR* -, -,	

KEN UN	REG REC	REG REC	FOOD TRNSP LABEL PACK	OCC	MXL CLASS	USE LABEL	REG REC	SEP1982 GSKEN* 40,410,1978 SEP1982 UNTDGG* -,183,1982	JAN1983 ACGIH* -,9,1982 JUL1983 CFRUS* 40(261),367,1981	APR1983 CFRUS* 40(180),152,1981 APR1983 CFRUS* 40(261),376,1981
USA USA	REC REC	REC REC	AIR WASTE		TLV CLASS RSTR RQR			19NOV1980		
<p>SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG. HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100->30%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=30-3% (SOLID) OR 30-0.5% (LIQUID). TLV: 2.5 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: FEREAC 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: FEREAC 46,38318,1981; 47,27531,1982 (INTERIM)) 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). 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. RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-10 MG/KG. (AMENDED: FEREAC 47,23931,1982) THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (HP LC)</p>										
USA	REG	REG	WASTE		RQR			22JUL1981	JUL1983 CFRUS* 40(264),455,1981	
USA	REG	REG	WASTE		RSTR CLASS RQR			19NOV1980	JUL1983 CFRUS* 40(261),358,1981	
USA	REG	REG	WASTE		RSTR CLASS RQR			4AUG1975	APR1983 CFRUS* 40(162.31),55,1981	
USA	REG	REG	FOOD FEED		ARL					
USA	REG	REG	WASTE		RQR					

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
BRA	REG	AIR OCC	AL	55 MG/M3 (30 PPM) (FOR 48H/WK) (HAZARDOUS DEG REL : MAXIMUM)	AUG1982	SMTBR**	3, 139, 1980	
CSK	REG	AIR OCC	CLASS	HAZARDOUS POISONOUS SUBSTANCE	JUL1967			
DEU	REC	AIR OCC	MAK	70 MG/M3 (40 PPM)	MAY1982	SZCSR*	22, 217, 1967	
DEU	REG	LABEL PACK USE	RQR RQR RSTR	THE REQUIREMENTS AND RESTRICTIONS APPLY TO PR PARATIONS 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 : POISONOUS ASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IC.	10CT1980	MCH1983 JUL1982	DFSK** SGBL**	XVI11, 14, 1982 IS.2069, 2069, 1980
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360 1, 1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. F - FLAMMABLE. T - TOXIC. HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP AW AY FROM SOURCES OF IGNITION - NO SMOKING (S 1 6). TAKE OFF IMMEDIATELY ALL CONTAMINATED CL OTHING (S 27). IF YOU FEEL UNWELL, SEEK MEDI CAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).	10CT1980	JUN1982	SGBL**	IS.2069, 2069, 1980
ECC	REG	LABEL PACK	RQR RQR	F - FLAMMABLE. T - TOXIC. HIGHLY FLAMMABLE (R 11). TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). KEEP AW AY FROM SOURCES OF IGNITION - NO SMOKING (S 1 6). TAKE OFF IMMEDIATELY ALL CONTAMINATED CL OTHING (S 27). IF YOU FEEL UNWELL, SEEK MEDI CAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).	JUN1982	OJEC**	L.360, 1, 1976	
ECC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	TOXIC SUBSTANCE (CLASS I/C) MEMBER STATES S HALL ENSURE THAT DANGEROUS PREPARATIONS (SOLV ENTS) ARE NOT PLACED ON THE MARKET UNLESS THE IR PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	OJEC**	L213, 17, 1982	
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	1SEP1978	GBRSI*	209, 1, 1978	
GBR	REG	TRNSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2WE	28MCH1979	GBRSI*	1702, 1, 1978	
GBR	REC	AIR OCC	TLV	TWA : 70 MG/M3 (40 PPM) STEL : 105 MG/M3 (60 PPM)	MCH1983	CNIISE*	EH15/80, 9, 1980	
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (SUBS IDIARY RISK: INFLAMMABLE LIQUID) PACKING GROUP: II = SUBSTANCE PRESENTING MEDI UM DANGER.	-	IMCOC*	4, 10003, 1977	
SUN	REG	AQ SURT	MAC	0.7 MG/L	JUN1982	PDKTV**	- , -, 1978	
SUN	REC	AIR OCC	MAC	CLV : 10.0 MG/M3 (VAPOUR)	JUN1982	COSTIS*	12.1, 005, -, 1976	
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDI ARY RISK: 6.1 = POISONOUS SUBSTANCE) PACKING GROUP: II = SUBSTANCE PRESENTING MEDI UM DANGER.	JAN1977	UNTDG*	- , 9, 1982	
USA	REC	AIR OCC	TLV	TWA: 70 MG/M3 (40 PPM); STEL: 105 MG/M3 (60 P PM) (SKIN ABSORPTION).	JAN1983	ACGIH*	- , 9, 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: 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	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	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 PROPERLY 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 (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 USA	REG REG	AIR MANUF	PEL RQR	TWA: 70 MG/M3 (40PPM) 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	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981 4OCT1982 JUN1983 FERAC 47, 38780, 1982
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	REG	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. (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

RECOMMENDATIONS-LEGAL MECHANISMS

AS1050000 ACROLEIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	MAC	TWA : 0.5 MG/M3 CLV : 1.0 MG/M3	OCT1978	MAY1982	HPMZC* 39,-, 1978
DEU	REG	AIR	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSEFLOW OF > 0.1 KG-H, CLASS II : 150 MG/M3 AT A MASSEFLOW OF > 3 KG/H, CLASS III : 300 MG/M3 AT A MASS FLOW OF > 6 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3. THE SUBSTANCE BELONGS TO CLASS I.	JUN1982	JUN 1/12, 1979	KOIMM* 1, IB
DEU	REG	AIR	MAK	0.25 MG/M3 (0.1 PPM)	10OCT1980	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L. 360		JUN1982	BGBL** IS. 2069, 2069, 1980
DEU	REG	PACK	RQR	US (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,			
DEU	REG	USE	RSTR	EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.			
DEU	REG	AIR	RQR	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS		MAY1982	BGBL** IS. 772, 772, 1980
DEU	REG	AQ	RQR	REQUIRED THAT SECURITY MEASURES BE TAKEN IN			
DEU	REG	IM1	RQR	SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE			
DEU	REG	SOIL	RQR	S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS			
DEU	REG	SED	RQR	OF INCIDENTS DURING WHICH THE SUBSTANCE COULD			
EEC	REG	LABEL	RQR	BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE			
EEC	REG	PACK	RQR	AND CAUSE A PUBLIC DANGER.			
EEC	REG	MANUF	RQR	F - FLAMMABLE. T - TOXIC. (NOTE D). HIGHLY		JUN1982	OJEC** L. 360, 1, 1976
EEC	REG	USE	RQR	FLAMMABLE (R 11). TOXIC BY INHALATION (R 23)			
EEC	REG	INDST	RQR	IRRITATING TO EYES, RESPIRATORY SYSTEM AND			
EEC	REG	CLASS	RQR	SKIN (R 36/37/38). DO NOT EMPTY INTO DRAINS	8JAN1984	DEC1982	OJEC** L230, 1, 1982
EEC	REG	INDST	RQR	(S 29). TAKE PRECAUTIONARY MEASURES AGAINST			
EEC	REG	CLASS	RQR	STATIC DISCHARGES (S 33). IF YOU FEEL UNWEL			
EEC	REG	INDST	RQR	L, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE			
EEC	REG	CLASS	RQR	POSSIBLE) (S 44). (IF THE SUBSTANCE IS NOT S			
EEC	REG	INDST	RQR	TABILIZED, THIS MUST BE STATED ON THE LABEL B			
EEC	REG	CLASS	RQR	Y ADDING THE WORD "NON-STABILIZED" AFTER THE			
EEC	REG	INDST	RQR	NAME OF THE SUBSTANCE.)			
EEC	REG	CLASS	RQR	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES			
EEC	REG	INDST	RQR	>=50 T IN THE DIRECTIVE ON THE MAJOR ACCIDE			
EEC	REG	CLASS	RQR	NT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES.			
EEC	REG	INDST	RQR	ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIV			
EEC	REG	CLASS	RQR	Y INVOLVING, OR POSSIBLY INVOLVING, ONE OR MO			
EEC	REG	INDST	RQR	RE DANGEROUS SUBSTANCES IS OBLIGED TO TAKE AL			
EEC	REG	CLASS	RQR	L THE MEASURES NECESSARY TO PREVENT MAJOR ACC			
EEC	REG	INDST	RQR	IDENTS, TO LIMIT THEIR CONSEQUENCES FOR MAN A			
EEC	REG	CLASS	RQR	ND THE ENVIRONMENT, AND TO NOTIFY THE COMPETE			
EEC	REG	INDST	RQR	NT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY			
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L. 360	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	PACK	RQR	, 1, 1976)			

GBR	REC	AIR	OCC	TLV	TWA : 0.25 MG/M3 (0.1 PPM) STEL : 0.8 MG/M3 (0.3 PPM)	MCH1983 CNHSE* EH15/80,9,1980
IMO	REC	TRNSP LABEL	MARIN	CLASS	HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID (SUBSIDIARY RISK: POISON)	SEP1982 IMCOC* 4,10003,1977
JPN	REC	AIR	OCC	MAC	PACKING GROUP: I = VERY DANGEROUS SUBSTANCE.	NOV1982 SAIGLB SUP23(5),565,1981
JPN	REC	CLASS LABEL		RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983 JPPDL* -, -,
SUN	REC	AIR	AMB I	RSTR	0.03 MG/M3, 1X/D; 0.03 MG/M3, AV/D	JUN1982 PDKTV* -, -,1978
SUN	REC	AIR	OCC	MAC	CLV : 0.2 MG/M3 (VAPOUR)	JUN1982 COSTS* 12.1.005, -,1976
SWE	REC	AIR	OCC	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	OCT1982 STNAF* 1978:5(PK:6),1,1978
SWE	REC	AIR	OCC	TLV	TWA : 0.2 MG/M3 (0.1 PPM) STEL : 0.7 MG/M3 (0.3 PPM)	1JAN1982 AFS*** 1981:8,9,1981
UN	REC	TRNSP LABEL		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE)	SEP1982 UNIDG* -,9,1982
USA	REC	AIR	OCC	TLV	PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACROLEIN)	JAN1983 ACGIH* -,9,1982
USA	REC	WASTE		RSTR	TWA: 0.25 MG/M3 (0.1 PPM); STEL: 0.8 MG/M3 (0.3 PPM)	JUL1983 CFRUS* 40(261),367,1981
USA	REC	WASTE		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(264),455,1981
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: FEREAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUL1983 CFRUS* 40(261),358,1981
USA	REC	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); 47,36097,1983 (ENFORCEMENT GUIDANCE).	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
USA	REC	USE LABEL		RSTR	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	REC	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	18JUL1980 MAY1983 CFRUS* 40(122.53),121,1981

VII/24 (contd.)

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).

USA JUN1974 APR1983 CFRUS* 29(1910),673,1981
 USA MAY1983 CFRUS* 40(116),33,1981

REG AIR OCC PEL TWA: 0.25 MG/M3 (0.1 PPM)
 REG AQ EMI CLASS THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE
 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

JUL1983 CFRUS* 40(403),8,1981

USA REG AQ EMI CLASS ACROLEIN IS AMONG OTHERS CLASSIFIED AS TOXIC
 WASTE MXL POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET O
 R HAS SET EFFLUENT LIMITATIONS AND PRETREATME
 NT 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
 ,1983)

USA REG FOOD PRMT (ALSO: 47,31554,1982; 47,46434,1982; 47,52848
 ,1982; 47,55226,1982; 48,15382,1983)

USA REG WASTE RQR MAY BE USED AS A SLIMICIDE IN THE MANUFACTURE
 OF PAPER AND PAPERBOARD THAT CONTACT FOOD.
 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)
 MAY BE USED TO MODIFY THE FOOD ADDITIVE "MODI
 FIED FOOD STARCH" IN AN AMOUNT NOT TO EXCEED
 THAT WHICH IS REASONABLY REQUIRED TO ACCOMPLI
 SH THE INTENDED EFFECT. NOR TO EXCEED 4% WHEN
 ADDED ALONE AND 0.6% WHEN ADDED WITH VINYL A
 CETATE

JUN1983 CFRUS* 21(172),92,1981

USA REG AQ EMI CLASS 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 45.4 KG IN ANY 24-HOUR PERI
 OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE
 DERAL WATER POLLUTION CONTROL ACT.

MAY1983 CFRUS* 40(117),44,1981

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
AS3325000	ACRYLAMIDE					
DEU	REG	AIR LABEL - PACK USE	MAX RQR RQR RSTR	0.3 MG/M3 (CUTANEOUS ABSORPTION) 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.	10CT1980	MCH1983 DFSK** XVII/1,14,1982 JUN1982 BGBL** IS.2069,2069,1980
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).	JUN1982	ECDCS 4,1,1978
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976)	1SEP1978	JAN1983 GBRSI* 209,1,1978
GBR	REG	TRNSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. EMERGENCY ACTION CODE : 2PE	28MCH1979	JAN1983 GBRSI* 1702,1,1978
GBR	REG	AIR OCC	TLV	TWA : 0.3 MG/M3 STEL : 0.6 MG/M3 SKIN ABSORPTION	MCH1983	GNHSE* EH15/80,9,1980
IMO	REG	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE OR DANGER.	-	SEP1982 IMCOC* 4,10003,1977
JPN	REG	AIR OCC	MAC	0.3 MG/M3 (SKIN ABSORPTION)	NOV1982	SAIGLB SUP23(5),565,1981
JPN	REG	CLASS LABEL SALE	RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER	JUL1983	JPPDC* -, -,
SWE	REG	AIR OCC	TLV	TWA : 0.3 MG/M3 (SKIN ABSORPTION) STEL : 0.9 MG/M3	1JAN1982	SEP1982 AFS*** 1981:8,9,1981
UN	REG	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	-	SEP1982 UNTDG* -,9,1982
USA	REG	AIR OCC	TLV	TWA: 0.3 MG/M3; STEL: 0.6 MG/M3. (SKIN ABSORPTION)	JAN1983	ACGIH* -,9,1982
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: 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	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	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, TRAINING, STORAGE AND DISPOSAL REGULATIONS AND PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS IT IS FOUND THE WASTE CANNOT POSE A THREAT TO	19NOV1980	JUL1983 CFRUS* 40(261),358,1981

HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FERLAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).

USA	REG	AIR	OCC	PEL	TWA: 0.3 MG/M3, SKIN ABSORPTION 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 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	JUN1974	APR1983	CFRUS*	29(1910), 673, 1981
USA	REG	FOOD		RQR		40CFR1982	JUN1983	FEREAC	47, 38780, 1982
USA	REG	FOOD		MPC			JUN1983	CFRUS*	21(173), 95, 1981
USA	REG	FOOD	AGRIC	PRMT	INS AND MODIFIED POLYACRYLAMIDE RESIN : 0.05% (0.5 G/KG)		JUN1983	CFRUS*	21(172), 59, 1981
USA	REG	FOOD		MPC	MAY BE ADDED TO PESTICIDE USE DILUTIONS PRIOR TO APPLICATION TO GROWING CROPS IN AN AMOUNT NOT EXCEEDING THAT WHICH IS REASONABLY REQUIR ED TO PRODUCE THE INTENDED EFFECT		JUN1983	CFRUS*	21(172), 23, 1981
USA	REG	FOOD		MPC	FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HU MAN CONSUMPTION MUST CONTAIN NO MORE THAN 0. 2% (2G/KG) OF THIS SUBSTANCE		JUN1983	CFRUS*	21(173), 108, 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 SUBST ANCE.		JUN1983	CFRUS*	21(173), 106, 1981
USA	REG	WASTE		RQR	ACRYLAMIDE-SODIUM ACRYLATE RESIN, WHEN USED A S A BOILER WATER ADDITIVE IN THE PREPARATION OF STEAM THAT WILL CONTACT FOOD, MUST CONTAIN NO MORE THAN 0.05% BY WEIGHT OF THIS SUBSTAN CE.		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 FLAME-IONIZATION DETECTOR)		APR1983	CFRUS*	40(261), 362, 378, 1981
USA	REG	WASTE		RQR	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))				

AT0700000 ETHYL ACRYLATE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REC	AIR	AMBI	MAC		MAY1982	AHEM** SUPPL. 6,-,1975
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, IB 1/12,1979
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII,14,1982
DEU	REG	LABEL		RQR	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL - PACK - USE		RQR RQR RSTR	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK		RQR RQR		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -		RQR RQR	15SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	TRNSP LABEL		RQR	28MCH1979	JAN1983	GBRSI* 1702,1,1978
GBR	REC	AIR	OCC	TLV		MCH1983	GNHSE* EH15/80,9,1980
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS		SEP1982	IMCOC* 4,10003,1977
SUN	REC	AQ	SURF	MAC		JUN1982	PKTIV* -, -,1978

0.05 MG/M3, AV/D
 0.05 MG/M3, AV/0.5 H
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 100 MG/M3 (25 PPM) (CUTANEOUS ABSORPTION) (VP =3.9 KPA 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 %).
 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.
 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). 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.)
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360,1,1976)
 LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3WE (APPLIES TO INHIBITED ETHYL ACRYLATE)
 TWA : 100 MG/M3 (25 PPM) SKIN ABSORPTION. (IN TENDED CHANGES : TWA : 20 MG/M3 (5 PPM). STEL : 100MG/M3 (25 PPM) SKIN ABSORPTION)
 HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID.
 PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.
 5 UG/1

SWE	REG	AIR	OCC	TLV	TWA : 40 MG/M3 (10 PPM), SKIN ABSORPTION STEL 1 JAN1982 SEP1982 AFS*** 1981:8,9,1981
UN	REC	TRNSP LABEL PACK		CLASS	: 60 MG/M3 (15 PPM), CARCINOGENIC HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.
USA	REC	AIR	OCC	TLV	(APPLIES TO INHIBITED ETHYL ACRYLATE) TWA: 20 MG/M3 (5 PPM); STEL: 100 MG/M3 (25 PPM) (SKIN ABSORPTION).
USA	REC	WASTE		CLASS RSTR RQR	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).
USA	REG	AIR	OCC	PEL	TWA: 100 MG/M3 (25PPM), SKIN ABSORPTION JUN1974 APR1983 CFRUS* 29(1910), 673, 1981

AT5250000 ACRYLONITRILE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG	AIR OCC	AL	35 MG/M3 (16 PPM) (FOR 48H/WK) (HAZARDOUS DEG REE : MAXIMUM)	AUG1982	SMTBR* 3,140,1980
CSK	REG	OCC	CLASS	SUSPECTED CARCINOGENIC SUBSTANCE	1JAN1981	
DEU	REG	AIR EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 K G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS (CUTANEOUS ABSORPTION). NO MAK VALUE ESTABLISHED	MAY1982 JUN1982	HPMZC* 49,-,1980 KOIMM* 1,1B 1/12,1979
DEU	REG	AIR OCC	MAK	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	MCH1983	DFSK** XVIII,14,1982
DEU	REG	AIR OCC	TRK	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	10OCT1980	DFSK** XVIII,56,1982 BGBL** IS.2069,2069,1980
DEU	REG	USE OCC	RSTR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	OCC	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL - PACK USE	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	10OCT1980	BGBL** IS.2069,2069,1980
DEU	REG	AIR IMI AQ SOIL SED	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	MAY1982	BGBL** IS.772,772,1980
EEC	REG	LABEL. PACK	RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION IS >10 G/KG (1.0%) AND AS HARMFUL WHEN IT IS 2.0-10.0 G/KG (0.2-1.0%). 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. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER. F - FLAMMABLE. T - TOXIC. (NOTE D ADD. P 95 5). 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	JUN1982	OJEC** L.360,1,1976

VII/30 (contd.)

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 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	CLASS INDST	CLASS RQR	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	8JAN1984	DEC1982 OJEC**	L230, 1, 1982
EEC	REG	STORE	RQR	CLASS RQR	LISTED AS A DANGEROUS SUBSTANCE WHEN STORED AT QUANTITIES > 350 T (> 5000 T FOR NOTIFICATION) 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	8JAN1984A	DEC1982 OJEC**	L230, 1, 1982
GBR	REG	LABEL PACK	RQR	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	1SEP1978	JAN1983 GBRSI*	209, 1, 1978
GBR	REG	TRNSP LABEL	RQR	RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE (APPLIES TO INHIBITED ACRYLONITRILE)	28MCH1979	JAN1983 GBRSI*	1702, 1, 1978
GBR	REC	AIR OCC	TLV	TLV	TWA : 2PPM (4.3 MG/M3) (THE LEVEL SHOULD BE KEPT AS LOW AS IS REASONABLY PRACTICABLE, WITH THE OBJECTIVE OF WORKING WITHIN A CONTROL LIMIT OF 2PPM (TWA) BY 1981). A POTENTIAL HUMAN CARCINOGEN	MCH1983	GNHSE*	EH15/80, 3, 1980
IMO	REC	TRNSP LABEL PACK	CLASS RQR	CLASS RQR	HAZARD CLASS: 3.1 = INFLAMMABLE LIQUID (SUBSIDIARY RISK: POISON) PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACRYLONITRILE)	-	SEP1982 IMCOC*	4, 10003, 1977
JPN	REC	AIR CLASS LABEL	MAC	MAC	45 MG/M3 (20PPM)	NOV1982	SAICLB SUP23(5)	565, 1981
JPN	REC	AIR CLASS LABEL	MAC	MAC	45 MG/M3 (20PPM)	JUL1983	JPPDL*	-,-,-
SUN	REG	AQ SURF	RSTR	RSTR	2.0 MG/L	JUN1982	PDKTV*	-,-, 1978
SUN	REG	AIR AMBI	MAC	MAC	0.03 MG/M3, AV/D	JUN1982	PDKTV*	-,-, 1978
SUN	REG	AIR OCC	MAC	MAC	CLV : 0.5 MG/M3 (VAPOUR)	JUN1982	GOSTS*	12.1.005, -, 1976
SWE	REG	AIR OCC	CLASS	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE (SKINABSORPTION, CARCINOGENIC)	22DEC1978	OCT1982 STNAF*	1978:5(PK:6), 1, 1978
SWE	REG	AIR OCC	TLV	TLV	TWA : 4 MG/M3 (2 PPM) STEL : 13 MG/M3 (6 PPM)	1JAN1982	SEF1982 AFS***	1981:8, 9, 1981
UN	REC	TRNSP LABEL PACK	CLASS	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE) PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACRYLONITRILE).	-	SEP1982 UNTDG*	-, 9, 1982
USA	REC	AIR OCC	TLV	TLV	HUMAN CARCINOGEN. NO EXPOSURE OR CONTACT BY ANY ROUTE SHALL BE PERMITTED. (INTENDED CHANGES: HUMAN CARCINOGEN. TWA: 4.5 MG/M3 (2 PPM))	JAN1983	ACGIIH*	-, 9, 1982
USA	REC	WASTE	CLASS RSTR	CLASS 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: FERLAC 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 INC OPERATOR 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)) 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). CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS CO NTAINING THE SUBSTANCE AS AN ACTIVE INGREDIEN T 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	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981	
USA	REG	WASTE	RSTR RQR	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981	
USA	REG	USE LABEL	RSTR RQR	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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	4AUG1975	APR1983	CFRUS* 40(162.31), 55, 1981	
USA	REG	AQ EMI WASTE	RQR	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981	
USA	REG	AIR OCC	PEL	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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			JUN1983	CFRUS* 29(1910), 74 INDEX, 1981
USA	REG	USE OCC	RSTR	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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			JUN1983	CFRUS* 29(1910), 419, 1981
USA	REG	OCC AIR OCC LABEL	RQR PEL WARN	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 HI S 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) 200 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). 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 AIMO SPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE 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 ONSORY 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			JUN1983	CFRUS* 29(1910), 852, 1981

USA	REG	AQ	EMI	CLASS	DESCRIPTION	DATE
USA	REG	AQ	EMI	RQR 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 SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTI ON 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 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	AQ	EMI WASTE MXL	CLASS	ACRYLONITRILE IS AMONG OTHERS CLASSIFIED AS F OXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETR EATMENT 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)	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	TRNSP	RSTR RQR	CLASS	(ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848 , 1982; 47,55226, 1982; 48,15382, 1983) 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.	JUL1983 CFRUS* 33(126), 613, 1981
USA	REG	WASTE	RQR	CLASS	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	REG	WASTE	CLASS RSTR RQR	CLASS	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 ED : 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))	APR1983 CFRUS* 40(261), 362, 378, 1981

AW5950000 AFLATOXIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IND	REG	FOOD	SFL	MPC	GROUNDNUT KERNEL (SHELLED) : 30 UG/KG (AS TOT AL AFLATOXINS)	15JAN1977	DEC1982 PFAIN* -, 154, 1981
SHE	REG	FOOD		MPC	ALL FOOD: 0.005 MG/KG AS THE SUM OF AFLATOXINS B1, B2, G1 AND G2.	1MCH1983	JUL1983 STLIF* 1983:1, 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)). (APPLIES TO ALL AFLATOXINS)	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 REGULATIONS) 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 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

BA3650000 THIOPHANATE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG FOOD	AL PLANT (SPECIFIED) : 0.2 MG/KG ("SECURITY" INT ERVAL : 7 DAYS)	AUG1982	CDABR* 2,77,1980
JPN	REG USE AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	JUL1983	JPAGR* -, -,

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BA3675000 THIOPHANATE-METHYL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.1-10 MG/KG ("SECURITY" INTERVAL : 14 DAYS)	28MAY1981	AUG1982	MTFMB* -, -, 1981
CSK	REG	USE	AGRIC	PLANT (GENERAL) 0.1 MG/KG, PLANT (SPECIFIED) 0.2-7.0 MG/KG, (WITH BENOMYL AND CARBENDAZIM, CALCULATED AS CARBENDAZIM).	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	PRMT MRL	RASPBERRIES 5 MG/KG	1AUG1978	MCH1982	BGBL** IS.718,721,1978
FAO/WHO	REC	FOOD	MRL	0.08 MG/KG BW		MCH1982	FPPDD 20,78,1980
FAO/WHO	REC	FOOD	ADI	MRLS NOW APPLY TO THIOPHANATE-METHYL ALONE. EXPRESSED AS CARBENDAZIM (THEY PREVIOUSLY APPLIED TO THE SUM OF THIOPHANATE-METHYL AND CARBENDAZIM)		MCH1982	FPPDD 15,40,1979
FAO/WHO	REC	FOOD	MRL	CELERY 20 MG/KG; CHERRIES, CITRUS FRUIT, GRAPES, PEACHES 10 MG/KG; APPLES, BLACKCURRANTS, GOOSEBERRIES, PEARS, STRAWBERRIES, CARROTS, LETTUCE, SUGARBEET (TOPS), TOMATOES 5 MG/KG; BEANS (BROAD, DWARF, FRENCH, RUNNER, KIDNEY), GHERKINS, PLUMS 2 MG/KG; BANANAS (WHOLE), MUSHROOMS 1 MG/KG; CUCUMBERS 0.5 MG/KG; ONIONS, RAW CEREALS, SUGARBEETS 0.1 MG/KG; MEAT AND FAT OF CHICKENS 0.02 MG/KG.		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	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL1983	JPAGR* -, -,
SUN	REG	AIR	PSL	1.5 MG/M3 (AEROSOL)		JUN1982	PDKTV* -, -, 1978
SWE	REG	USE	PRMT	AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPARING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS		OCT1982	PFBEK* -, 84, 1982
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR 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)		OCT1982	PFBEK* -, 58, 1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.05-50 MG/KG (INCL. THIOPHANATE-METHYL, ITS OXYGEN ANALOGUE AND ITS BENZIMIDAZOLE-CONTAINING METABOLITES, CALCULATED AS THIOPHANATE-METHYL). (AMENDED: FEETAC 47,50873,1982)		APR1983	CFRUS* 40(180),152,1981
USA	REG	FEED USE	ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS : 40.0 MG/KG (INCL. THIOPHANATE-METHYL, ITS OXYGEN ANALOGUE ALLOPHANATE, AND ITS BENZIMIDAZOLE CONTAINING METABOLITES)		JUL1983	CFRUS* 21(561),523,1981

BA5075000 ALLYL ALCOHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR OCC	MAC	TWA : 3.0 MG/M3 CLV : 6.0 MG/M3	OCT1978	MAY1982	HPMZC* 39,-,1978
CSK	REG	USE	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217,-,1967
DEU	REG	AIR OCC	PRMT		AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REG	AIR OCC	MAK	5 MG/M3 (2 PPM) (CUTANEOUS ABSORPTION) (VP=2. 4 KPA AT 20C)	10CT1980	MCH1983	DFSK** XVII, 14, 1982
EEC	REG	LABEL PACK	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. F - FLAMMABLE. T - TOXIC. HIGHLY FLAMMABLE (R 11). VERY TOXIC BY INHALATION (R 26). IR RITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). KEEP AWAY FROM SOURCES OF IGN ITION - NO SMOKING (S 16). WEAR EYE/FACE PRO TECTION (S 39). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). Y >=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 TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES S HALL ENSURE THAT DANGEROUS PREPARATIONS (SOLY ENTS) 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** L.360 , 1.1976)	JUN1982	OJEC**	L.360, 1, 1976
EEC	REG	MANUF USE	CLASS RQR	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 TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES S HALL ENSURE THAT DANGEROUS PREPARATIONS (SOLY ENTS) 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** L.360 , 1.1976)	8JAN1984	DEC1982	OJEC** L230, 1, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RSTR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2PE TWA : 5 MG/M3 (2 PPM) STEL : 10 MG/M3 (4 PPM) SKIN ABSORPTION	1JAN1984	JAN1983	OJEC** L213, 17, 1982
GBR	REG	LABEL PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1.1976)	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRMSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2PE	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	AIR OCC	TLV	TWA : 5 MG/M3 (2 PPM) STEL : 10 MG/M3 (4 PPM) SKIN ABSORPTION		MCH1983	GNHSE* EH15/80, 9, 1980
IMO	REC	TRANSP LABEL PACK	CLASS	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID (SUBS DIARY RISK: POISON).	-	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR OCC	MAC	PACKING GROUP: I = VERY DANGEROUS SUBSTANCE.		NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REC	AQ SURF	MAC	2.5 MG/M3 (1PPM) (SKIN ABSORPTION)		JUN1982	PDKIV* -,-,1978
SWE	REC	AIR OCC	CLASS	0.1 MG/L GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978	OCT1982	STNAF* 1978:5(PK:6), 1, 1978
SWE	REC	AIR OCC	TLV	TWA : 5 MG/M3 (2 PPM) STEL : 14 MG/M3 (6 PPM) (SKIN ABSORPTION)	1JAN1982	SEP1982	AFS*** 1981:8, 9, 1981

UN	REC	TRNSP LABEL	OCC	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDARY RISK: 6.1 = POISONOUS SUBSTANCE)	DATE	REG
USA	REC	PACK	OCC	TLV	PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. TWA: 5 MG/M3 (2 PPM); STEL: 10 MG/M3 (4 PPM) (SKIN ABSORPTION)	SEP1982	UNTDC* -, 9, 1982
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).	JAN1983	ACGIH* -, 9, 1982
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(261), 367, 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 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	USE LABEL		RSTR	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.	AUG1975	CFRUS* 40(162.31), 55, 1981
USA	REG	AIR	OCC	PEL	TWA: 5 MG/M3 (2PPM), SKIN ABSORPTION	JUN1974	CFRUS* 29(1910), 673, 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	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	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	MAY1983	CFRUS* 40(122), 121, 1981

IT, 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)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BD1400000		ALUM1NUM	PHOSPHIDE				
CSK	REG	USE	AGRIC PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	AUG1981	MAY1982	SPPOR** - , - , 1981
DEU	REG	LABEL	-	1,1976). HANDLING OF SOME GROUPS OF CHEMICA	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
	REG	PACK	-	LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,			
	REG	USE	OCC	EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS),			
	REG			IS PROHIBITED OR RESTRICTED FOR PREADULTS AND			
	REG			PREGNANT OR NURSING WOMEN.			
	REG	AIR	IMI	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS			
	REG	AQ	IMI	REQUIRED THAT SECURITY MEASURES BE TAKEN IN			
	REG	SOIL	IMI	SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE			
	REG	SED	IMI	S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS			
	REG			OF INCIDENTS DURING WHICH THE SUBSTANCE COULD			
	REG			BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE			
	REG			AND CAUSE A PUBLIC DANGER.			
EEC	REG	LABEL	RQR	F - FLAMMABLE. T - TOXIC. CONTACT WITH WATE		JUN1982	OJEC** L.360,1,1976
	REG	PACK	RQR	R LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15			
	REG			/29). VERY TOXIC IF SWALLOWED (R 28). KEEP			
	REG			LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2			
	REG). DO NOT BREATHE DUST (S 22). IN CASE OF F			
	REG			IRE, USE ... (INDICATE THE PRECISE TYPE OF FI			
	REG			RE-FIGHTING EQUIPMENT. IF WATER INCREASES TH			
	REG			E RISK, ADD - NEVER USE WATER) (S 43). IN CA			
	REG			SE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK ME			
	REG			DICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHER			
	REG			E POSSIBLE) (S 45).			
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209,1,1978
	REG	PACK	RQR	1,1976)			
	REG	LABEL	RQR	LABEL : "CAUTION. THIS PREPARATION IS POISONO	1APR1982	JAN1983	GBRSI* 218,1,1982
	REG	PACK	RQR	US AND GIVES OFF A POISONOUS VAPOUR ON EXPOSU			
	REG	STORE	RQR	RE TO AIR. DO NOT SWALLOW, INHALE THE VAPOUR			
	REG	TRNSP	RQR	OR ALLOW CONTACT WITH THE SKIN." FURTHER GENE			
	REG			RAL REQUIREMENTS CONCERNING LABELLING, CONTAI			
	REG			NERS, STORAGE AND TRANSPORT OF POISONS ARE LA			
	REG			ID DOWN			
GBR	REG	SALE	RSTR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY.	1APR1982	JAN1983	GBRSI* 218,1,1982
	REG	LABEL	RQR	PROVISIONS AS TO PERSONS TO WHOM THE POISON			
	REG	STORE	RQR	MAY BE SOLD AND TO THE KEEPING OF RECORDS OF			
	REG			SALES ARE MADE. LABELLING MUST BE IN RED. SPE			
	REG			CIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOP			
	REG			S ARE LAID DOWN.			
GBR	REG	CLASS	RSTR	POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-	1APR1982	JAN1983	GBRSI* 217,1,1982
	REG	SALE	RSTR	MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A			
	REG			PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY			
	REG			BUSINESS			
IMO	REC	TRNSP	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	-	SEP1982	IMCOC* 4,10003,1977
	REG	LABEL	PACK	PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.			
	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A			
	REG			N INSECTICIDE			
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A		JUL1983	JPAGR* - , - ,
	REG			N INSECTICIDE			

JPN	REG	CLASS LABEL SALE	REG	CLASS LABEL SALE USE	CLASS 2 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS POISONOUS BY CABINET ORDER (APPLIES WHEN ALUMINUM PHOSPHIDE AND AN ACCELERATOR OF ITS DECOMPOSITION ARE PRESENT)	JUL1983 JPPDC* -, -,
JPN	REG	CLASS LABEL SALE USE	REG	CLASS LABEL SALE USE	CLASS 6 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS SPECIFIED POISONOUS BY CABINET ORDER. (ONLY LICENSED PERSONS MAY HANDLE SUCH PREPARATIONS) (APPLIES TO PREPARATIONS CONTAINING ALUMINUM PHOSPHIDE AND ACCELERATOR FOR ITS DECOMPOSITION)	JUL1983 JPPDC* -, -,
KEN	REG	FOOD	REG	FOOD	SPECIFIED FOOD PRODUCTS: 0.01-0.1 MG/KG CALCULATED AS HYDROGEN PHOSPHIDE.	SEP1982 GSKEN* 40,410,1978
SUN	REG	FOOD	REG	FOOD	MRL LIMITS	JUN1982 NIKDP* -,512,1978
SWE	REG	SALE LABEL	REG	SALE LABEL	CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCT'S 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).	OCT1982 STNAF* 1978:5(PK:6),1,1978
UN	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	HAZARD CLASS: 4.3 = SUBSTANCE, IN CONTACT WITH WATER, EMITS INFLAMMABLE GASES (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: I = VERY DANGEROUS SUBSTANCE.	SEP1982 UNTDG* -,9,1982
USA	REG	WASTE	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: FEREC 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: FEREC 46,38318,1981; 47,27531,1982 (INTERIM))	19NOV1980 JUL1983 CFRUS* 40(261),367,1981
USA	REG	WASTE	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: FEREC 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(264),455,1981
USA	REG	WASTE	REG	WASTE	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	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
USA	REG	USE LABEL	REG	USE LABEL	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

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USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRO DUCTS) : 0.001-0.01 MG/KG OF PHOSPHINE RESUL TING FROM TREATMENT WITH ALUMINUM PHOSPHIDE	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FEED USE	ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS : 0.1 MG/KG (O F PHOSPHINE) (LABELLING REQUIREMENTS)	JUL1983 CFRUS* 21(561), 523, 1981

BW6650000 ANILINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
BRA	REG	AIR	OCC	AL 15 MG/M3 (4 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)		AUG1982	SMTBR* 3, 140, 1980	
CSK	REG	AIR	OCC	TWA : 5.0 MG/M3 CLV : 20.0 MG/M3	OCT1978	MAY1982	HPMZC* 39, -, 1978	
CSK	REG	USE	EMI	CLASS POISONOUS SUBSTANCE (APPLIES TO ANILINE AND ITS N-ALKYL AND N,N-DIALKYL DERIVATIVES)	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967	
DEU	REG	AIR	MXL	PROHIBITED IN COSMETICS	JAN1971	MAY1982	HPMZC* 32, -, 1970	
DEU	REG	AIR	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSEFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSEFLOW OF > 3 KG-H C CLASS III : 300 MG/M3 AT A MASSEFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I	10OCT1980	MCH1983	DFSK** XV111, 14, 1982 JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	AIR	OCC	8 MG/M3 (2 PPM) (CUTANEOUS ABSORPTION)				
DEU	REG	LABEL	RQR	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. THE SOLVENT IS CLASSIFIED IN CLASS IA.				
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360	10OCT1980	JUN1982	BGBL** IS.2069, 2069, 1980	
DEU	REG	PACK	RQR	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.				
DEU	REG	USE	RSTR	TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER 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).				
EEC	REG	LABEL	RQR	TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER 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).				
EEC	REG	PACK	RQR	TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER 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).				
EEC	REG	GOODS	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. (APPLIES ALSO TO SALTS AND HALOGENATED AND SULFONATED DERIVATIVES OF ANILINE.)	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982	
EEC	REG	CLASS	RQR	TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGING AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	JAN1983	OJEC** L213, 17, 1982	
EEC	REG	PACK	RQR	TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGING AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN				
EEC	REG	LABEL	RSTR	TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGING AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN				

GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	PACK -	RQR	1,1976)		
GBR	REG	TRNSP	CLASS	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. E 28MCH1979	JAN1983	GBRSI* 1702,1,1978
GBR	REC	LABEL	RQR	MERGENCY ACTION CODE: 3X		
	REC	AIR	TLV	TWA : 10 MG/M3 (2PPM) STEL : 20 MG/M3 (5PPM)	MCH1983	GNHSE* EH15/80,9,1980
	REC	AIR	TLV	SKIN ABSORPTION (APPLIES TO ANILINE AND HOMOL		
	REC	TRNSP	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	SEP1982	IMCOC* 4,10003,1977
	REC	PACK	CLASS	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI		
	REC	USE	RQR	UM DANGER.		
	REC	STORE	RQR	ING, LABELLING (WARN), INCL. HANDLING, STORAGE, PACK -	DEC1982	INDS** IS.7415,-,1974
	REC	PACK	WARN	EDUCATION AND TRAINING, PREVENTIVE MEASURES, E		
	REC	LABEL	RQR	PERSONAL HYGIENE, PHYSICAL EXAMINATIONS, AIR		
	REC	RMV	RQR	ANALYSIS, FIRST AID, FIRE FIGHTING, CLEANING		
	REC	AIR	MAC	AND REPAIRS OF EQUIPMENT, WASTE DISPOSAL.		
JPN	REC	AIR	MAC	19 MG/M3 (5PPM) (SKIN ABSORPTION)	NOV1982	SAIGLB SUP23(5),565,1981
JPN	REC	CLASS	RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983	JPPDL* -,-,-
	REC	LABEL	RQR			
	REC	SALE	RSTR			
JPN	REC	CLASS	RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN	JUL1983	JPPDC* -,-,-
	REC	LABEL	RQR	ATED AS DELETERIOUS BY CABINET ORDER (APPLIES		
	REC	SALE	RSTR	TO ANILINE SALT, N-ALKYL ANILINE SALTS AND N		
	REC	AQ	MAC	-ALKYLANILINES)		
SUN	REC	AIR	MAC	0.1 MG/L	JUN1982	PDKTV* -,-,1978
SUN	REC	AMBI	MAC	0.05 MG/M3 1X/D; 0.03 MG/M3 AV/D	JUN1982	PDKTV* -,-,1978
SUN	REC	AQ	MAC	SURFACE WATER FOR FISHING : 0.1 UG/L	JUN1982	PDKTV* -,-,1978
SUN	REC	AIR	MAC	CLV : 0.1 MG/M3 (VAPOUR)	JUN1982	PDKTV* -,-,1978
SWE	REC	AIR	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	JAN1977	GOSTS* 12.1.005,-,1976
SWE	REC	AIR	TLV	TWA : 4 MG/M3 (1 PPM) (SKIN ABSORPTION) STEL	22DEC1978	STNAF* 1978:5(Pk:6),1,1978
	REC	AIR	TLV	: 8 MG/M3 (2 PPM)	1JAN1982	SEPT1982 AFS*** 1981:8,9,1981
UN	REC	TRNSP	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE	SEP1982	UNTDG* -,-,1982
	REC	LABEL	CLASS	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI		
	REC	PACK	CLASS	UM DANGER		
USA	REC	AIR	TLV	TWA: 10 MG/M3 (2 PPM); STEL: 20 MG/M3 (5 PPM	JAN1983	ACGIH* -,-,1982
	REC	WASTE	CLASS) (WITH ITS HOMOLOGUES) (SKIN ABSORPTION)		
	REC	WASTE	RSTR	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL	JUL1983	CFRUS* 40 (261),368,1981
	REC	WASTE	RQR	PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU		
	REC	WASTE	RQR	BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR		
	REC	WASTE	RQR	AGE AND DISPOSAL REGULATION AND PERMIT AND NO		
	REC	WASTE	RQR	TIFICATION REQUIREMENTS. (AMENDED: FEREC 46,		
	REC	WASTE	RQR	56582,1981 (INTERIM); 47,36097,1982; 48,2532,		
	REC	WASTE	RQR	1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GU		
	REC	WASTE	RQR	IDANCE).		
	REC	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC	JUL1983	CFRUS* 40(264),455,1981
	REC	WASTE	RQR	NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND		
	REC	WASTE	RQR	REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I		
	REC	WASTE	RQR	S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS		
	REC	WASTE	RQR	CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER		
	REC	WASTE	RQR	EAC 46,38318,1981; 47,27531,1982 (INTERIM))		
	REC	WASTE	RQR	AINS THIS SUBSTANCE (EXCEPT DOMESTIC), IF IT CON	19NOV1980	CFRUS* 40(261),358,1981
	REC	WASTE	RQR	OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR		
	REC	WASTE	RQR	EATMENT, STORAGE AND DISPOSAL REGULATION AND		
	REC	WASTE	RQR	PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS		
	REC	WASTE	RQR	IT IS FOUND THE WASTE CANNOT POSE A THREAT TO		
	REC	WASTE	RQR	HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE		
	REC	WASTE	RQR	RLY MANAGED. (AMENDED: FEREC 46,35246,1981;		
	REC	WASTE	RQR	46,47429,1981; 46,56582,1981 (INTERIM); 47,36		
	REC	WASTE	RQR	097,1982; 48,2532,1983 (INTERIM); 48,11157,19		
	REC	WASTE	RQR	83 (ENFORCEMENT GUIDANCE).		

USA USA	REG REG	AIR MANUF	OCC	PEL RQR	TWA: 19 MG/M3 (5PPM), SKIN ABSORPTION MANUFACTURERS AND PROCESSORS OF ANILINE AND C HLORO-, BROMO-, AND/OR NITRO-ANILINES OR MIXT URES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOING STUDIES O N THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFI ED TIME PERIOD. REQUIREMENTS FOR SEARCH OF CO MPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAI N STUDIES ARE EXEMPTED	JUN1974 4OCT1982	APR1983 CFRUS* 29(1910),673,1981 JUN1983 FERECAC 47,38780,1982
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. ONE CRITERION FOR ESTABLISHING THE RELATIVE R ISK OR DANGER IS THE CHARACTERISTICS OF WASTE S IN A GIVEN FACILITY. FOR EXAMPLE, FOR ANILI NE THE TOXICITY VALUE IS 3, THE PERSISTENCE V ALUE IS 1, THE IGNITABILITY VALUE IS 2 AND TH E REACTIVITY VALUE IS 0	10DEC1982	JUN1983 FERECAC 47,31319,1982
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.		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 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.		MAY1983 CFRUS* 40(117),44,1981
USA	REG	FOOD GOODS		MPC	CERTAIN SPECIFIED COLOUR ADDITIVES WHICH MAY BE USED IN FOOD, DRUGS AND/OR COSMETICS : 0.2 % (2G/KG)		MAY1983 CFRUS* 21(74),272,1981
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	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	WASTE		CLASS RSTR RQR	(AMENDED: FERECAC 46,35090,1981; 46,36703,1981 ; 47,24918,1982; 48,14146,1983) 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		APR1983 CFRUS* 40(261),362,378,1981

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
f-2532, 1983 (INTERIM) ; 48, 11157, 1983 (EN
FORCEMENT GUIDANCE))

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

BY7900000 4,4'-DIAMINODIPHENYL OXIDE

AREA TYPE SUBJECT DESCR LEVELS, REMARKS

SUN REG AIR OCC MAC CLV : 5.0 MG/M3 (AEROSOL)

EFFECTIVE ENTRY REFERENCES
DATE DATE

JAN1977 JUN1982 GOSTS* 12.1.005,-, 1976

AREA	TYPE	SUBJECT	EMI	AQ	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CA9350000		ANTHRACENE							
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: FERAC 46,35091, 1981; 46,36703, 1981; 47,24918, 1982; 48,14146, 1983) TWA: 0.2 MG/M3 (APPLIES TO SPECIFIED COAL TAR PITCH VOLATILES). (AMENDED: FERAC 48, 2764, 1983)	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	AIR	OCC	PEL				JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	AQ	EMI WASTE	MXL	CLASS	POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRAZENES, BENZOPYRENE, BENZOFURANTHENE, CHRYSENE, DIBENZANTHRAZENES, 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 47,42686, 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, 52205, 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

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CC4025000	ANTIMONY						
CSK	REG	HUMAN FOOD	MPC	LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS. (APPLIES TO ANTIMONY AND ITS COMPOUNDS)	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG		CLASS	POISONOUS SUBSTANCE (APPLIES TO ANTIMONY AND ITS COMPOUNDS EXCEPT ANTIMONY TRISULFIDE)	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
CSK	REG	USE	PRO	PROHIBITED IN COSMETICS (APPLIES TO ANTIMONY AND ITS COMPOUNDS)	JAN1971	MAY1982	HPMZC* 32, -, 1970
DEU	REG	AIR	MAK	0.5 MG/M3	1OCT1980	MCH1983	DESM** XV111, 14, 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 HARMFUL WHEN THE CONCENTRATION OF ANTIMONY COMPOUNDS IS GREATER THAN OR EQUAL TO 2.5 G SB/KG (0.25%).		JUL1982	BGBL** 1S.2069, 2069, 1980
DEU	REG	LABEL PACK USE	RQR RQR RSTR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88, 1, 1979). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN. (APPLIES TO ANTIMONY COMPOUNDS)	01OCT1980	JAN1983	BGBL** 1S.2069, 2069, 1980
EEC	REG	GOODS	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. (APPLIES ALSO TO ANTIMONY-COMPOUNDS)	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982
EEC	REG	LABEL PACK	RQR RQR	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), TETROXIDE (SB204), PENTOXIDE (SB205), TRISULFIDE (SB2S3), PENTASULPHIDE (SB2S5), AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE)		JAN1983	OJEC** L.88, 1, 1979
EEC	REG	AQ	DRINK MAC GL	MAC : 10 UG SB/L, GL : - (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN	30AUG1982	JAN1983	OJEC** L229, 11, 1980
EEC	REG	AQ	EMI RSTR	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 AN WHICH EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)		JAN1983	OJEC** L129, 23, 1976
GBR	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88, 1, 1979). (APPLIES TO ANTIMONY COMPOUNDS)		JAN1983	GBRSI* 792, 1, 1981
GBR	REC	AIR	OCC TLV	TWA : 0.5 MG/M3 (INCL. ANTIMONY AND ANTIMONY COMPOUNDS)		MCH1983	GNISE* E115/80, 9, 1980

IMO	REC	TRNSP LABEL	MARIN LABEL	CLASS	HAZARD CLASS:	IMCOC*	DATE
					6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = VERY DANGEROUS SUBSTANCES/SUBSTANCES PRESENTING MEDIUM/MINOR DANGER. (APPLIES TO INORGANIC ANTIMONY COMPOUNDS)	4, 10003, 1977	SEP1982
JPN	REG	CLASS LABEL SALE		CLASS RQR RSTR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO ANTIMONY SULFIDE AND ANTIMONY-NICKEL-TITANIUM DYE)	JPPDC* -, -,	JUL1983
SUN	REG	AQ SURF		MAC	0.05 MG/L (APPLIES TO ANTIMONY AND ITS COMPOUNDS)	PDKTV* -, -, 1978	JUN1982
SUN	REG	AIR OCC		MAC	CLV : 0.5 MG/M3 (AEROSOL); TWA : 0.2 MG/M3 (AEROSOL)	GOSTS* 12.1.005, -, 1976	JUN1982
SWE	REG	AIR OCC		TLV	(APPLIES TO ANTIMONY DUST)	AFS*** 1981:8,9, 1981	SEP1982
UN	REC	TRNSP LABEL PACK		CLASS	TWA : 0.5 MG/M3 ELEMENTAL ANTIMONY WITH ITS OXIDES, AS SB	UNTDG* -, 9, 1982	SEP1982
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE OR DANGER. (APPLIES TO ANTIMONY POWDER)	UNTDG* -, 9, 1982	SEP1982
USA	REG	AIR OCC		TLV	TWA: 0.5 MG/M3 (WITH ITS COMPOUNDS). 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 ANTIMONY AND ITS COMPOUNDS)	ACGIH* -, 9, 1982	JAN1983
USA	REG	AIR 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). (APPLIES TO ANTIMONY AND ITS COMPOUNDS)	CFRUS* 40(264), 455, 1981	JUL1983
USA	REG	WASTE		CLASS RSTR RQR	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 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. (AMENDED: FER EAC 46,35091, 1981; 46,36703, 1981; 47,24918, 1982; 48,14146, 1983)	CFRUS* 40 (122.53), 121, 1981	18JUL1980

USA	REG	AIR	ACC	PEL							
USA	REG	AQ	EMI	RQR						<p>TWA: 0.5 MG/M3 (APPLIES TO ANTIMONY AND ITS COMPOUNDS, CALCULATED AS SB) 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 SPECTROMETRY FOR TOTAL SB AND BY 0.45 MICROMETER FILTRATION FOR DISSOLVED SB) 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</p>	<p>APR1983 CFRUS* 29(1910),673,1981 MAY1983 CFRUS* 40(136),298,1981</p>
USA	REG	MANUF		RQR						<p>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.</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)</p> <p>(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,52226,1982; 48,15382,1983)</p> <p>THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 30 MG/KG (OF HEAVY METALS)</p>	<p>JUN1983 FEREAC 47,38780,1982</p> <p>JUL1983 CFRUS* 40(403),8,1981</p>
USA	REG	FOOD		MPC						<p>SPECIFIED FOOD COLOURING AGENTS : 2 MG/KG</p> <p>SPECIFIED DRUG COLOURING AGENTS : 2 MG/KG</p> <p>SPECIFIED COSMETIC COLOURING AGENTS : 2 MG/KG</p> <p>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)</p> <p>WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IT IS SPECIFIED. (ATOMIC ABSORPTION-FURNACE/FLAME)</p>	<p>JUN1983 CFRUS* 21(173),114,1981</p> <p>MAY1983 CFRUS* 21(73),240-265,1981</p> <p>MAY1983 CFRUS* 21(82),308,1981</p>
USA	REG	WASTE		RQR						<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; 46,56588,1981; 46,61273,1981; 47,36097,1982; 47,52668,1982; 48,2532,1983 (INTERIM) ; 48,11157,1983 (ENFORCEMENT GUIDANCE))</p>	<p>APR1983 CFRUS* 40(261),376,1981</p> <p>APR1983 CFRUS* 40(261),362,378,1981</p>

CG0525000 ARSENIC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	TWA : 0.3 MG/M3 GLV : 1.0 MG/M3 (APPLIES TO ARSENIC AND ITS COMPOUNDS)	OCT1978	HPMZC* 39, -, 1978
CSK	REG	HUMAN	FOOD	MPC	LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS. (APPLIES TO ARSENIC AND ITS COMPOUNDS)	OCT1978	HPMZC* 43, -, 1978
CSK	REG	AQ	SURF	MAC	0.5 MG/L	APR1975	SZCSR* 9, 125, 1975
CSK	REG	AQ	DRINK	MAC	APPLIES ALSO TO COMPOUNDS	JAN1975	CSNOR* 830611, -, 1974
CSK	REG	AQ	SURF	MAC	APPLIES ALSO TO COMPOUNDS	APR1975	SZCSR* 9, 125, 1975
CSK	REC	AIR	AMBI	MAC	DRINKING WATER RESERVE : 0.05 MG/L	MAY1982	AHEM** SUPPL. 6, -, 1975
CSK	REC	AIR	AMBI	MAC	APPLIES ALSO TO COMPOUNDS	MAY1982	HPMZC* 51, -, 1981
CSK	REG	AIR	OCC	CLASS	0.01 MG/M3 AV/0.5H (INORGANIC COMPOUNDS) 0.003 MG/M3, AV/D (APPLIES TO ARSENIC AND ITS COMPOUNDS) (INORGANIC COMPOUNDS)	JUL1981	
DEU	REC	AIR	OCC	MAK	DANGEROUS POISONOUS SUBSTANCE (APPLIES TO ARSENIC AND ITS COMPOUNDS) DANGEROUS POISONOUS SUBSTANCE (APPLIES TO ARSENIC AND ITS COMPOUNDS) ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENIC CONTAINING ACIDS, ARSENIC ACID AND ITS SALTS ARE LISTED AS CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED	MCH1983	DFSK** XVIII, 14, 1982
DEU	REC	AIR	OCC	TRK	0.2 MG/M3 OF ARSENIC AND ITS COMPOUNDS EXCEPT ARSINE, CALCULATED AS ARSENIC IN TOTAL INHALABLE DUST	MCH1983	DFSK** XVIII, 56, 1982
DEU	REC	FOOD		MRL	PLANT (ALL) 0 MG/KG (NATURAL OCCURRENCE NOT COUNTED) (APPLIES TO ARSENIC COMPOUNDS)	MCH1982	BGBL** IS. 718, 741, 1978
DEU	REC	LABEL		RQR	PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING COLOURS, DEGREASING AGENTS, ETC., SHOULD BE CLASSIFIED AS POISONOUS WHEN THE CONCENTRATION 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%).	JUL1982	BGBL** IS. 2069, 2069, 1980
DEU	REC	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.	JUL1982	BGBL** IS. 2069, 2069, 1980
DEU	REC	LABEL		RQR	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 STAINING OF ACCESSIBLE CONTAINERS AND OTHER NARROW ROOMS."	JUL1982	BGBL** IS. 2069, 2069, 1980
DEU	REC	USE	OCC	PRO	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	JUL1982	BGBL** IS. 2069, 2069, 1980

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.

DEU	REG	LABEL	USE	REG	MAC	GL	QJEC**	DATE	DESCRIPTION
		LABEL - PACK - USE OCC		RQR RQR RSTR			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.	10CT1980	JUN1982 BGBL** I.S.2069,2069,1980
DEU EEC	REG REG	AQ LABEL PACK	DRINK MPC RQR RQR	REG REG	MAC GL RQR RSTR		0.04 MG/L (0.5 MMOL/M3) (CALCULATED AS AS) T - TOXIC. TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2). WHEN USING DO NOT EAT, DRINK OR SMOKE (S 20/21). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (S 44). (APPLIES TO ARSENIC AND ITS COMPOUNDS, EXCEPT THOSE SPECIFICALLY MENTIONED. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.) SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. (APPLIES ALSO TO ARSENIC COMPOUNDS).	JAN1976	NOV1982 BGBL** I.S.764,764,1980 JUN1982 OJEC** L.360,1,1976
EEC	REG	GOODS	PRO	REG	PRO			1JAN1986	NOV1982 OJEC** 25(L167),1,1982
EEC	REG	AQ	DRINK	REG	MAC GL		MAC : 50 UC AS/L, GL : - (ABSORPTION SPECTROPHOTOMETRY-ATOMIC ABSORPTION) 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 AN WHICH EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)	30AUG1982	JAN1983 OJEC** L229,11,1980
EEC	REG	AQ	EMI	REG	RSTR			JAN1983	OJEC** L129,23,1976
GBR	REG	LABEL PACK		REG	RQR RQR		FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976)	1SEP1978	JAN1983 GBRIS* 209,1,1978
GBR	REC	AIR	OCC	REC	TLV		TWA : 0.2 MG/M3 (INCL. ARSENIC AND SOLUBLE ARSENIC COMPOUNDS, AS AS)		MCH1983 GNHSE* EIH5/80,9,1980
GBR	REG	LABEL PACK STORE TRNSP		REG	RQR RQR RQR		LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO ARSENIC AND ITS COMPOUNDS)	1APR1982	JAN1983 GBRIS* 217, 218,1,1982
GBR	REG	SALE LABEL STORE		REG	RSTR RQR 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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO ARSENIC AND ITS COMPOUNDS EXCEPT SUBSTANCES WHICH CONTAIN LESS THAN THE EQUIVALENT OF 0.0075% OF ARSENIC)	1APR1982	JAN1983 GBRIS* 218,1,1982
GBR	REG	CLASS SALE		REG	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 ARSENIC AND ITS COMPOUNDS EXCEPT CALCIUM ARSENATES, COPPER ACETOARS ENITE, COPPER ARSENATES, COPPER ARSENITES, AND LEAD ARSENATES)	1APR1982	JAN1983 GBRIS* 217,1,1982
IMO	REC	TRNSP LABEL PACK		REC	CLASS		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1/1/1/1 = VERY DANGEROUS SUBSTANCES/SUBSTANCES PRESENTING MEDIUM/MINOR DANGER. (APPLIES TO LIQUID AND SOLID ARSENIC COMPOUNDS). HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	-	SFP1982 INCOC* 4,10003,1977

VII/51 (contd.)

PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER. (APPLIES TO ARSENICAL DUST AND METALLIC ARSENIC)

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONCENTRATIONS 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 INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS (APPLIES TO ARSENIC COMPOUNDS)	AT
JUL1983	IMCOC*	111,6147,1977				
DEC1982	PFAIN*	-	64&141,1981			
NOV1982	SAIGLB SUP23(5),565,1981					
DEC1982	QJPN*	-	385,1981			
DEC1982	QJPN*	-	400,1981			
JUL1983	JPPDL*	-,-				
JUL1983	JPPDC*	-,-				
JUL1983	JPNFS*	-,-				
SEP1982	GSKEN*	40,272,1978				
SEP1982	GSKEN*	40,409,1978				
OCT1982	DOMEX*	29 MCH,1167,1973				
OCT1982	DOMEX*	29 MCH,1167,1973				
OCT1982	DOMEX*	29 MCH,1167,1973				
OCT1982	DOMEX*	29 MCH,1167,1973				
OCT1982	DOMEX*	29 MCH,1167,1973				
SEP1982	GSKEN*	40,272,1978				
JUN1982	PDKTV*	-,-,1978				
JUN1982	GOSTS*	2874-73,-,1973				
JUN1982	NIKDP*	-,-,512,1978				
JUN1982	PDKTV*	-,-,1978				
NOV1982	KGTXP*	-,-,1981				
JUN1982	PDKTV*	-,-,1978				
SEP1982	AFS***	1981:8.9,1981				
SEP1982	UNTDG*	-,-,9,1982				
JAN1974						
27JUN1973						
27JUN1973						
27JUN1973						
27JUN1973						
27JUN1973						

ENVIRONMENTAL WATER QUALITY STANDARD : < 0.05 MG/L AS AN ABSOLUTE MAXIMUM VALUE
EFFLUENT STANDARD : 0.5 MG/L OF ARSENIC AND ITS COMPOUNDS
1 = SUBSTANCE DESIGNATED AS POISONOUS BY LAH
2 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS POISONOUS BY CABINET ORDER (APPLIES TO ARSENIC COMPOUNDS, EXCEPT CALCIUM METHANE ARSONATE AND IRON METHANE ARSONATE)
SPECIFIED PLANT PRODUCTS: 1.0 - 3.5MG/KG (EXPRESSED AS AS2O3)
IN FOOD COLOURS: 3 MG AS/KG. IF THE LIMIT IS EXCEEDED AND/OR IF ANY HEAVY METAL IS PRESENT OTHER THAN ARSENIC, LEAD, IRON AND COPPER, THE FOOD COLOUR IS DEEMED TO BE ADULTERATED.
SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG.
1.00 MG/L IN ESTUARIES
0.01 MG/L OF ARSENICALS IN ESTUARIES
0.1 MG/L IN COASTAL WATERS
0.010 MG/L OF ARSENICALS IN COASTAL WATERS
1) 0.05 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION
2) 1.00 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES
3) 5.00 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES
0.05 MG/L
0.05 MG/L
PESTICIDE PROHIBITED IN ALL FOOD (APPLIES TO ARSENIC AND ITS COMPOUNDS)
0.003 MG/M3 AV/D (APPLIES TO ARSENIC AND ITS INORGANIC COMPOUNDS)
PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE (APPLIES TO ARSENIC COMPOUNDS)
SURFACE WATER FOR FISHING : 0.01 MG/L
0.05 MG/L (APPLIES TO INORGANIC ARSENIC COMPOUNDS)
TWA : 0.05 MG/M3 OF ELEMENTAL ARSENIC WITH INORGANIC COMPOUNDS EXCEPT ARSINE, AS A. CARCINOGENIC
HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: -
(APPLIES TO LIQUID AND SOLID ARSENIC COMPOUNDS INCLUDING ARSENATES, ARSENITES, ARSENIC SULPHIDES AND ORGANIC COMPOUNDS OF ARSENIC).

REG AQ SURF MAC
REG AQ DRINK MAC
REG FOOD PRO
REG AIR AMBI MAC
REG USE PRO
REG MANUF PRO
REG AQ SURF MAC
REG AIR OCC TLY
REG TRNSP LABEL PACK CLASS

UN	REC	TRNSP LABEL PACK	AIR WASTE	OCC	TLV	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICUM DANGER. (APPLIES TO ARSENIC AND ARSENICAL DUST). PACKING GROUP: -	UNTGD*
UN	REC	TRNSP LABEL PACK				CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SOLID OR LIQUID TOXIC ARSENICAL PESTICIDES).	SEP1982	UNTGD* -,9,1982
UN	REC	TRNSP LABEL PACK				CLASS HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). (APPLIES TO LIQUID INFLAMMABLE TOXIC ARSENICAL PESTICIDES WITH FLASH POINTS <23C).	SEP1982	UNTGD* -,9,1982
UN	REC	TRNSP LABEL PACK				CLASS HAZARD CLASS: 6.1 - POISONOUS SUBSTANCE. (APPLIES TO TOXICITY CRITERIA)	SEP1982	UNTGD* -,183,1982
USA	REC	AIR	WASTE			(APPLIES TO ARSENIC COMPOUNDS)	JAN1983	ACGIH* -,9,1982
USA	REG	WASTE				TWA: 0.2 MC/M3 (WITH ITS SOLUBLE COMPOUNDS AS 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 ARSENIC AND ITS COMPOUNDS)	22JUL1981	JUL1983 CFRUS* 40(264),455,1981
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: 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 ARSENIC AND ITS COMPOUNDS)	19NOV1980	JUL1983 CFRUS* 40(261),358,1981
USA	REG	WASTE - AQ	GRND			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 47,1294,1982 (INTERIM); 47,7842,1982 (INTERIM); 47,32274,1982)	19NOV1980	APR1983 CFRUS* 40 (265),483/536,1981
USA	REG	AQ	EMI WASTE			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 ARSENIC)	18JUL1980	MAY1983 CFRUS* 40(122.53),121,1981
						(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).		

USA	REG	AIR	OCC	PEL		JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	AIR	OCC	PEL	TWA: 0.5 MG AS/M3 (APPLIES TO ORGANIC COMPOUND DS) TWA: 10 UG/M3 (APPLIES TO INORGANIC ARSENIC AND CALCIUM ACETO ARSENITE). (EXPLAINED IN FEREAC 48, 1864, 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 0.05 M G/L OF ARSENIC. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	JUN1983 CFRUS* 29(1910), 74 INDEX, 1981	
USA	REG	AQ	EMI	RQR	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 0.05 M G/L OF ARSENIC. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	16OCT1973	MAY1983 CFRUS* 40(136), 298, 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 0.05 M G/L OF ARSENIC. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	24DEC1976	MAY1983 CFRUS* 40(141), 309, 1981
USA	REG	RMV USE	RSTR	RSTR	ORGANIC PESTICIDE COMPOUNDS CONTAINING THIS SUBSTANCE MUST NOT BE OPENLY BURNED, NOR MAY THEIR CONTAINERS BE OPENLY BURNED. PROPER DISPOSAL PROCEDURES ARE OUTLINED. 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, 46134, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)	MAY1974	APR1983 CFRUS* 40 (165.7), 102, 1981
USA	REG	AQ	EMI WASTE	CLASS MXL	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, 46134, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)	JUL1983	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG	AQ	EMI	RSTR	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 FEREAC 47, 31180, 1982)		JUL1983 CFRUS* 40(1510), 525, 1981
USA	REG	AIR	OCC PEL LABEL	RQR PEL WARN	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 ACETO ARSENITE EXCEED 5 UG/M3 (TWENTY-FIVE MICROGRAMS PER CUBIC METRE) (EMPLOYEE INFORMATION, 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.)		JUN1983 CFRUS* 29(1910), 751, 1981

USA	REG	AQ	DRINK	MPC	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 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 MG/KG	JUL1983	CFRUS*	21(103),52,1981	
USA	REG	FOOD	GOODS	MPC		MAY1983	CFRUS*	21(74),272,1981	
USA	REG	FOOD	FOOD	MPC		JUN1983	CFRUS*	21(172),37,1981	
USA	REG	FOOD	FOOD	MPC	THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 3 MG/KG (AS AS) 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	JUN1983	CFRUS*	21(173),114,1981	
USA	REG	FOOD	FOOD	MPC	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	JUN1983	CFRUS*	21(172),23,1981	
USA	REG	FOOD	GOODS	MPC	SPECIFIED FOOD COLOURING AGENTS : 0.2-5 MG/KG SPECIFIED DRUG COLOURING AGENTS : 1-5 MG/KG SPECIFIED COSMETIC COLOURING AGENTS : 1-5MG/KG	MAY1983	CFRUS*	21(73),240-265,1981	
USA	REG	FOOD	GOODS	MPC	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	MAY1983	CFRUS*	21(82),308,1981	
USA	REG	WASTE	WASTE	RQR	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED , WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (AT OMTIC ABSORPTION-FLAME)	APR1983	CFRUS*	40(261),376,1981	
USA	REG	WASTE	WASTE	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 5.0MG/L OF THIS SUBSTANCE	APR1983	CFRUS*	40(261),360,1981	
USA	REG	WASTE	DRINK	RQR MPC	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	15OCT1979	APR1983	CFRUS*	40(257),332,335,1981
USA	REG	WASTE	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	REC	AQ	DRINK	MXL	0.5 MG/L (POLAROGRAPHIC ESTIMATION, AAS, GUTZ - EIT GENERATOR). (TENTATIVE LIMIT)	DEC1982	WHISD*	3.32,1971	
WHO	REC	AQ	DRINK	GL	0.05 MG/L	MCH1983	WHODW*	-,15,1983	

CC0830000 CALCIUM ARSENATE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA DEU	REG REC	FOOD AIR	AL MAK	PLANT (SPECIFIED) : 3.5 MG/KG CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLIS HED. (APPLIES TO ALL ARSENIC ACID SALTS). (SE E TRK VALUE FOR ARSENIC)	AUG1982 MCH1983		BRAF1* -, -, 1969 DFSK** XV111, 14, 1982
DEU	REG	USE	OCC	RSTR	10CT1980	JUL1982	BGBL** IS. 2069, 2069, 1980
DEU	REG	AIR	IMI	RQR		MAY1982	BGBL** IS. 772, 772, 1980
REC	REC	MANUF USE	CLASS INDST RQR		8JAN1984	DEC1982	OJEC** L230, 1, 1982
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDI UM DANGER. (APPLIES TO CALCIUM ARSENATE ANND TO ITS SOLI D MIXTURES WITH CALCIUM ARSENITE)		SEP1982	IMCOC* 4, 10003, 1977
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = VERY DANGEROUS SUBS TANCE/SUBSTANCE PRESENTING MEDIUM/MINOR DANGE R. (APPLIES TO LIQUID AND SOLID ARSENATES)		SEP1982	IMCOC* 4, 10003, 1977
SUN	REC	AIR	AMBI	MAC		JUN1982	PDKIV* -, -, 1978
SWI	REC		CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	??DLC1978	OCT1982	SINAI* 1978:5(PK:6), 1, 1978

UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	-	SEP1982 UNTDG* - ,9, 1982
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	4AUG1975	APR1983 CFRUS* 40(162.13), 42, 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	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 3.5 MG/KG (CALCULATED AS AS203)		APR1983 CFRUS* 40(180), 152, 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(117), 44, 1981

CG0980000 LEAD ARSENATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
ARG	REG	FOOD	MXL	<p>FRUITS AND OTHERS : 7 MG/KG (AS PB). TWA: 0.15 MG/M3; STEL: 0.45 MG/M3. PLANI (SPECIFIED) : 7 MG/KG CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLIS HED. (APPLIES TO ALL ARSENIC ACID SALTS). (SE E TRK VALUE FOR ARSENIC) CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -: GROUP II (HIGHLY DANGE ROUS); 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 ARSENIQUS ACID AND T HEIR SALTS). THE USE AND HANDLING OF MATERIA LS BELONGING TO GROUPS I AND II MUST BE REPOR TED BY THE EMPLOYER TO THE AUTHORITIES. THE AUTHORITIES MAY FORBID THE EMPLOYER THE USE O F THE MATERIAL IF A LESS HARMFUL SUBSTITUTE E XISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS - REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE , AND CAUSE A PUBLIC DANGER. 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 ACTIV ITIES. 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 MA JOR ACCIDENTS, TO LIMIT THEIR CONSEQUENCES FO R MAN AND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTI VITY</p>	27MCH1969	MCH1982	ALEYP* 18073,-, MCH1982 ADECT* 351,-, 22MAY1979	
ARC	REG	AIR	MPC					
BRA	REG	FOOD	AL					
DEU	REG	AIR	MAK					MCH1983 DFKS** XV111,14,1982
DEU	REG	USE	RSTR			10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	AIR	IMI	<p>CLASS INDST RQR</p>				
		AQ	RQR					
		SOIL	RQR					
		SEL	RQR					
EEC	REG	MANUF USE	INDST RQR		8JAN1984	DEC1982	OJEC** L230,1,1982	
GBR	REG	CLASS SALE	RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON -MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT B Y A PERSON LAWFULLY CONDUCTING A RETAIL PHARM ACY BUSINESS OR BY A PERSON WHOSE NAME IS ENT ERED IN A LOCAL AUTHORITY'S LIST THE FORM TO WHICH THE POISON IS RESTRICTED WH EN SOLD BY LISTED SELLERS IS AGRICULTURAL, HO RTICULTURAL AND FORESTAL INSECTICIDES OR FUNG ICIDES</p>	1APR1982	JAN1983	GBRIS* 217,1,1982	
GBR	REG	SALE	RSTR					
GBR	REG	SALE	RSTR					
GBR	REG	SALE	RSTR	<p>POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN T HE TRADE OR BUSINESS OF AGRICULTURE, HORTICU LTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS</p>	1APR1982	JAN1983	GBRIS* 218,1,1982	

IMO	REC	TRNSP LABEL	MARIN CLASS	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:	HAZARD CLASS:
IMO	REC	PACK LABEL	CLASS	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
IMO	REC	PACK LABEL	CLASS	11	11	11	11	11	11	11	11	11	11
SWE UN	REC	PACK LABEL	CLASS	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
USA	REC	MANUF	RQR	11	11	11	11	11	11	11	11	11	11
USA	REC	AQ	EMI	40	40	40	40	40	40	40	40	40	40
USA	REC	AQ	EMI	40	40	40	40	40	40	40	40	40	40

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIAN DANGER.
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: 1/11/111 = VERY DANGEROUS SUBSTANCE/SUBSTANCE PRESENTING MEDIUM/MINOR DANGER. (APPLIES TO LIQUID AND SOLID ARSENATES)
 GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE
 PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIAN DANGER.
 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
 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 SHORES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 2270 KG (OF LEAD ARSENATE) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

SEP1982 IMCOC* 4, 10003, 1977
 SEP1982 IMCOC* 4, 10003, 1977
 OCT1982 STNAF* 1978:5(PK:6), 1, 1978
 SEP1982 UNTDG* -, 9, 1982

APR1983 CFRUS* 40(162.13), 42, 1981
 MAY1983 CFRUS* 40(116), 33, 1981

MAY1983 CFRUS* 40 (117), 44, 1981

C16475000 ASBESTOS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	OCT1978	HPMZC* 39,-, 1978
DEU	REC	AIR	OCC	MAK	MCH1983	DFSK** XVII, 14, 1982
DEU	REC	AIR	OCC	TRK	1JUL1982	DFSK** XVII, 56, 1982
DEU	REG	USE	OCC	RSTR	1OCT1980	BGBL** IS.2069, 2069, 1980
DEU	REG	OCC			1OCT1980	BGBL** IS.2069, 2069, 1980
DEU	REG	AIR	IMI	RQR	JUL1982	BGBL** IS.772, 772, 1980
DEU	REG	SOIL	IMI	RQR		
DEU	REG	SED	IMI	RQR		
GBR	REC	AIR	OCC	TLV	MCH1983	GNHSE* EH15/80, 3, 1980
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR	OCC	CLASS	NOV1982	SAIGLB SUP23(5), 565, 1981

TWA : 4.0 MG/M3 (APPLIES TO DUST CONTAINING < 10% ASBESTOS)
TWA : 2.0 MG/M3 (APPLIES TO DUST CONTAINING > 10% ASBESTOS)
ASBESTOS AS FINE DUST AND ASBESTOS-CONTAINING FINE DUST LISTED AS CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (CIGARETTE SMOKERS BEAR AN INCREASED RISK OF BRONCHIAL CANCER)
0.05 MG/M3 (FOR FINE DUST WITH ASBESTOS CONTENT > 2.5% WT) AND 1000000 FIBRES/M3 (FOR FIBRES-LENGTH > 5UM AND DIAMETER < 3UM AND LENGTH :DIAMETER > 3:1) AND 2.0 MG/M3 FOR FINE DUST WITH ASBESTOS CONTENT LESS THAN OR EQUAL TO 2.5% WT)
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.
MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY.
REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.
EXPOSURE TO ALL FORMS OF ASBESTOS DUST SHOULD BE REDUCED TO THE MINIMUM THAT IS REASONABLE PRACTICABLE, AND SHOULD IN ANY CASE NEVER EXCEED FOR CROCIDOLITE : 0.2 FIBRES/ML (DURING 10 MINUTES) AND FOR OTHER TYPES OF ASBESTOS : 2 FIBRES/ML (DURING 4 HOURS), AND 12 FIBRES/ML (DURING 10 MINUTES)
HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES.
PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER (APPLIES TO BLUE ASBESTOS).
PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER (APPLIES TO WHITE ASBESTOS).
INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS

JPN	REC	AIR	OCC	MTC	TWA : 2 FIBERS/CM3 (= 0.12 MG/M3 OF ASBESTOS DUST) CLV : 10 FIBERS/CM3 (APPLIES TO FIBERS OF > 5 UM LENGTH) CLV : 2.0 MG/M3 (AFROSOL) CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE TWA : 1 FIBER/ML OF ALL ASBESTOS FORMS EXCEPT CROCIDOLITE. CARCINOGENIC	NOV1982 SAIGLB SUP23(5), 565, 1981
SUN	REG	AIR	OCC	MAC	ASBESTOS AND MATERIALS CONTAINING ASBESTOS 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 FRICITION MATERIALS AS WELL AS SEALINGS AND SEALING MATERIALS WHICH CONTAIN ASBESTOS MAY BE USED AS LONG AS THERE ARE NO OTHER LESS HARMFUL PRODUCTS AVAILABLE. OTHER TECHNICAL DEVICES WHICH CONTAIN ASBESTOS MAY BE USED IF SPREADING OF DUST CONTAINING ASBESTOS IS PREVENTED BY ANY DESTRUCTION AND REPAIR OF BUILDINGS OR TECHNICAL DEVICES MUST BE REPORTED TO 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 WORKERS ARE LISTED. PACKAGING WHICH CONTAIN ASBESTOS OR MATERIALS CONTAINING ASBESTOS SHALL BE LABELLED: "THE DUST IS DANGEROUS WHEN INHALED. CONTAINS ASBESTOS". THE LABEL SHALL ALSO INCLUDE APPROPRIATE PRECAUTION INSTRUCTIONS.	JAN1977 JUN1982 GOSTS* 12.1.005, -, 1976 22DEC1978 OCT1982 STNAF* 1978:5(PK:6), 1, 1978 1JAN1982 SEP1982 AFS*** 1981:8,9, 1981
SWE	REG	AIR	OCC	TLV	ASBESTOS AND MATERIALS CONTAINING ASBESTOS MAY NOT BE USED. SOME EXCEPTIONS ARE LISTED (THERE ARE 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 FRICITION MATERIALS AS WELL AS SEALINGS AND SEALING MATERIALS WHICH CONTAIN ASBESTOS MAY BE USED AS LONG AS THERE ARE NO OTHER LESS HARMFUL PRODUCTS AVAILABLE. OTHER TECHNICAL DEVICES WHICH CONTAIN ASBESTOS MAY BE USED IF SPREADING OF DUST CONTAINING ASBESTOS IS PREVENTED BY ANY DESTRUCTION AND REPAIR OF BUILDINGS OR TECHNICAL DEVICES MUST BE REPORTED TO 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 WORKERS ARE LISTED. PACKAGING WHICH CONTAIN ASBESTOS OR MATERIALS CONTAINING ASBESTOS SHALL BE LABELLED: "THE DUST IS DANGEROUS WHEN INHALED. CONTAINS ASBESTOS". THE LABEL SHALL ALSO INCLUDE APPROPRIATE PRECAUTION INSTRUCTIONS.	JAN1977 JUN1982 GOSTS* 12.1.005, -, 1976 22DEC1978 OCT1982 STNAF* 1978:5(PK:6), 1, 1978 1JAN1982 SEP1982 AFS*** 1981:8,9, 1981
SWE	REG	USE OCC LABEL		RQR RQR RQR	ASBESTOS AND MATERIALS CONTAINING ASBESTOS MAY NOT BE USED. SOME EXCEPTIONS ARE LISTED (THERE ARE 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 FRICITION MATERIALS AS WELL AS SEALINGS AND SEALING MATERIALS WHICH CONTAIN ASBESTOS MAY BE USED AS LONG AS THERE ARE NO OTHER LESS HARMFUL PRODUCTS AVAILABLE. OTHER TECHNICAL DEVICES WHICH CONTAIN ASBESTOS MAY BE USED IF SPREADING OF DUST CONTAINING ASBESTOS IS PREVENTED BY ANY DESTRUCTION AND REPAIR OF BUILDINGS OR TECHNICAL DEVICES MUST BE REPORTED TO 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 WORKERS ARE LISTED. PACKAGING WHICH CONTAIN ASBESTOS OR MATERIALS CONTAINING ASBESTOS SHALL BE LABELLED: "THE DUST IS DANGEROUS WHEN INHALED. CONTAINS ASBESTOS". THE LABEL SHALL ALSO INCLUDE APPROPRIATE PRECAUTION INSTRUCTIONS.	JAN1977 JUN1982 GOSTS* 12.1.005, -, 1976 22DEC1978 OCT1982 STNAF* 1978:5(PK:6), 1, 1978 1JAN1982 SEP1982 AFS*** 1981:8,9, 1981
USA	REC	AIR	OCC	TLV	0.5 FIBRE >5 UM/CM3 AS AMOSITE; 2.0 FIBRES > 5 UM/CM3 AS CHRYSOITILE; 0.2 FIBRES >5 UM/CM3 AS CROCIDOLITE; 2.0 FIBRES >5 UM/CM3 AS OTHER FORMS. ALL FORMS ARE RECOGNIZED HUMAN CARCINOGENS.	JAN1983 ACCIH* -, 9, 1982
USA	REG	AQ	DRINK	RQR	COMMUNITY WATER SUPPLY SYSTEMS MUST IDENTIFY WHETHER CERTAIN CONSTRUCTION MATERIALS (INCLUDING ASBESTOS GEMENT 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, CROCIDOLITE, CROCIDOLITE AND TREMOLITE)	24DEC1976 MAY1983 CFRUS* 40(141), 353, 1981
USA	REG	LABEL OCC		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, CHRYSOITILE, CROCIDOLITE, AND TREMOLITE)	JUN1983 CFRUS* 29 (1910), 682, 1981
USA	REG	AIR	OCC	PEL RQR	DISPOSAL REQUIREMENTS ARE SPECIFIED FOR WASTE IN 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 M)/CM3 (CLV) (APPLIES TO ASBESTOS INCL. ACTIN	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	WASTE AIR		RQR		JUN1983 CFRUS* 29(1910), 683, 1981

VII/61 (contd.)

OLITE, AMOSITE, ANTHOPHYLITE, CHRYSOTILE, COR
CIDOLITE AND TREMOLITE)

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, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40(61), 522, 1981
USA	REG	AIR	RQR RSTR	NO MILL ENGAGED IN THE CONVERSION OF ASBESTOS SHALL RELEASE ANY VISIBLE EMISSIONS TO THE OUTSIDE AIR UNLESS SPECIFIED AIR-CLEANING DEVICES ARE USED. REPORTING REQUIREMENTS ARE SPECIFIED (APPLIES TO ASBESTOS INCL. ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40(61), 519, 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, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40(61), 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, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE)	APR1983 CFRUS* 40(61), 519, 1981
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF ASBESTOS (INCLUDING VARIETIES OF CHRYSOTILE, CROCIDOLITE, AMOSITE, ANTHOPHYLLITE, 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 DEPOSITING, 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(61), 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(61), 524, 1981

USA	REG	AIR USE	EMI OCC	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(61), 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	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(52), 28, 1981
USA	REG	USE GOODS	PRO	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 MXL	CLASS	ASBESTOS IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET ORDER 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	GOODS	PRO RQR	PRO RQR	(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) 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	PRO	ARTIFICIAL EMBERIZING MATERIALS (USED UNDER OTHER 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	FOOD USE	PRMT	PRMT	MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983 CFRUS* 21(175), 114, 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 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)

USA REG AQ EMI RQR
WASTE

MCH1983 WHODW* -,15,1983
DEC1982 WHOTAC 631,35,1978

NO GUIDELINE VALUE SET
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.)

WHO REC AQ DRINK GL
WHO/FAO REC HUMAN AWI
FOOD

RECOMMENDATIONS-LEGAL MECHANISMS

CM3675000 CAPROLACTAM; EPSILON-CAPROLACTAM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVII11,14,1982
GBR	REC	AIR	OCC	TLV		MCH1983	GNHSE# EH15/80,9,1980
SUN	REG	AQ	SURF	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	AMBI	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	OCC	MAC	JAN1977	JUN1982	GOSTS# 12.1.005, -, 1976
USA	REC	AIR	OCC	TLV		JAN1983	ACGIH# -,9,1982
USA	REC	WASTE	CLASS	CLASS	10DEC1982	JUN1983	FEREAC 47,31230,1982

25 MG/M3
 TWA : 1 MG/M3 OF DUST, 20 MG/M3 (5 PPM) OF VA
 POR STEL : 3 MG/M3 OF DUST, 40 MG/M3 (10 PPM)
 OF VAPOR
 1.0 MG/L
 0.06 MG/M3, 1X/D: 0.06 MG/M3, AV/D.
 CLV : 10.0 MG/M3 (AEROSOL)
 TWA: 1 MG/M3 AS DUST - 20 MG/M3 (5 PPM) AS FU
 ME; STEL: 3 MG/M3 AS DUST - 40 MG/M3 (10 PPM)
 } AS FUME.
 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 CAPROLACTAM
 IS RATED AS A SOMEWHAT PERSISTENT COMPOUND

CV3850000 CHLOROTHIAMIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REG	FOOD		MRL	1AUG1978	MCH1982	BGBL** IS.718,724,1978
DEU	REG	LABEL		RQR	1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
		PACK		RQR			
		USE	OC	RSTR			
EEC	REG	LABEL		RQR		JUN1982	OJEC** L.360,1,1976
		PACK		RQR			
GBR	REG	LABEL		RQR	1SEP1978	JAN1983	GBRS1* 209,1,1978
		PACK		RQR			
GBR	REG	USE		PRMT		MCH1983	APFG** -,89,1983
GBR	REG	USE		PRMT		MCH1983	APFG** -,29,1983
JPN	REG	USE	AGRIC	PRMT		JUL1983	JPAGR* -,-,
SWE	REG	SALE		PRMT		OCT1982	PFBEK* -,58,1982
		LABEL		RQR			
		CLASS		PRMT			
		USE		RQR			
		STORE		RQR			

PLANT (ALL) 0.1 MG/KG 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.
 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).
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360,1,1976)
 APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.
 HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 4 WEEKS
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE
 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).

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CV9275000	BENZ(A)ANTHRACENE						
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	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	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 601, 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	EMI WASTE MXL	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: 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		JUL1983	CFRUS* 40(403), 8, 1981

VII/67 (contd.)

. 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)

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. (HP LC, GC/MS OR GC WITH FLAME-IONIZATION DETECTOR)	APR1983 CFRUS* 40(261), 376, 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. (AMEN DEO : 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, 376, 1981

CY1400000 BENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	24 MG/M3 (8 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)	AUG1982	SMTBR* 3, -, 1980
CSK	REG	AIR	OCC	MAC	TWA : 50.0 MG/M3 CLV : 80.0 MG/M3	OCT1978	HPMZC* 39, -, 1978
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I (TH IS ALSO APPLIES TO SOLVENTS CONTAINING MORE THAN 1% BENZENE)	JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. (VP=10.1 KPA AT 20C). NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION).	MCH1983	DXVII XVIII, 14,
DEU	REC	AIR	OCC	TRK	26 MG/M3 (8 PPM)	MCH1983	DFSK** XVIIII, 56, 1982
DEU	REC	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); -. 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.	10CT1980	JUL1982 BGBL** IS.2069, 2069, 1980
DEU	REG	USE	OCC	PRO	WORKING MATERIALS WHICH CONTAIN MORE THAN 1% (WT/WT) BENZENE MAY NOT BE USED: (1) AS CLEANING AND DEGREASING AGENTS; (2) AS SOLVENTS AND DILUENTS FOR PAINTS, POLISHES, VARNISHES, STAINS, IMPREGNATING AGENTS, GLUES, INSULATING MATERIALS ETC.	10CT1980	JUL1982 BGBL** IS.2069, 2069, 1980
DEU	REG	OCC		RQR	MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY.	JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE		ROR 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. THE SOLVENT IS CLASSIFIED IN CLASS IA.	10CT1980	JUL1982 BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE		RQR RQR RSTR	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.	10CT1980	JUN1982 BGBL** IS.2069, 2069, 1980

EEC	REG	LABEL	RQR	REG	CLASS	REG	REG	EEC
			RQR					JUN1982 OJEC** L.360, 1, 1976
			RQR					
EEC	REG	GOODS	PRO	REG	CLASS	PRO	1JAN1986	NOV1982 OJEC** 25(L167), 1, 1982
EEC	REG	SALE	RSTR	REG	CLASS	RSTR	1DEC1983	JAN1983 OJEC** L339, 55, 1982
		USE	RSTR					
		CGD	MXL					
EEC	REG	CLASS	RQR	REG	CLASS	RQR	1JAN1984	JAN1983 OJEC** L213, 17, 1982
		PACK	RQR					
		SALE	RQR					
			RSTR					
GBR	REG	LABEL	RQR	REG	CLASS	RQR	1SEP1978	JAN1983 GBRSI* 209, 1, 1978
		PACK	RQR					
GBR	REG	TRNSP	RQR	REG	CLASS	RQR	28MCH1979	JAN1983 GBRSI* 1702, 1, 1978
		LABEL	RQR					
		AIR	TLV	REG	CLASS	TLV		MCH1983 GNHSE* EH15/80, 3, 1980
		OCC						
IMO	REC	TRNSP	CLASS	REC	CLASS	CLASS	-	SEP1982 IMCOC* 4, 10003, 1977
		LABEL	CLASS					
		PACK	CLASS					
		OCC	CLASS					
		USE	CLASS					
		STORE	CLASS					
		PACK	CLASS					
		LABEL	CLASS					
		RMV	CLASS					
JPN	REC	AIR	CLASS	REC	CLASS	CLASS	1JUN1981	OCT1982 STNAF* 1981:1(PK12), 1, 1981
		OCC	CLASS					
JPN	REC	AIR	MAC	REC	CLASS	CLASS		NOV1982 SAICLB SUP23(5), 565, 1981
		OCC	MAC					
SUN	REG	AQ	MAC	REG	CLASS	CLASS		NOV1982 SAICLB SUP23(5), 565, 1981
		AIR	MAC					
SUN	REG	AQ	MAC	REG	CLASS	CLASS		JUN1982 PDKTV* -, -, 1978
		AIR	MAC					JUN1982 PDKTV* -, -, 1978
SUN	REG	AIR	MAC	REG	CLASS	CLASS		JUN1982 PDKTV* -, -, 1978
		OCC	MAC					JUN1982 GOSTS* 12.1.005, -, 1976
SWE	REG	AIR	TLV	REG	CLASS	CLASS		OCT1982 STNAF* 1978:5(PK:6), 1, 1978
		OCC	TLV					SEP1982 AFS*** 1981:8, 9, 1981
SWE	REG	GOODS	MXL	REG	CLASS	CLASS		OCT1982 STNAF* 1981:1(PK12), 1, 1981
		FUEL	MXL					
UN	REC	TRNSP	CLASS	REC	CLASS	CLASS		SEP1982 UNTDC* -, 9, 1982
		LABEL	CLASS					
		PACK	CLASS					
USA	REC	AIR	TLV	REC	CLASS	CLASS		JAN1983 ACG11* -, 9, 1982
		OCC	TLV					

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 MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN CE IS PROHIBITED. 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 5 MG/G/KG OF THE WEIGHT OF THE TOY OR PART OF THE TOY

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** L.360 , 1, 1976)

LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE EXPOSURE SHOULD BE KEPT AS LOW AS REASONABLY PRACTICABLE AND IN ANY CASE WITHIN 10PPM (32 MG/M3). (TWA). A PROVEN HUMAN CARCINOGEN HAZARD, CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MED IUM DANGER.

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

INCLUDED IN THE TENTATIVE LIST OF CARCINOGENI C WORKING MATERIALS

32 MG/M3 (10 PPM). THE CONCENTRATIONS SHOULD ALWAYS BE KEPT BELOW 80 MG/M3 (25 PPM)

0.5 MG/L

1.5 MG/M3 1X/D; 0.8 MG/M3 AV/D

SURFACE WATER FOR FISHING : 0.5 MG/L

CLV : 5.0 MG/M3 (VAPOUR)

GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE TWA : 16 MG/M3 (5 PPM) STEL : 30 MG/M3 (10 PP M) (SKIN ABSORPTION) CARCINOGENI C

IF EXEMPTIONS ARE MADE FOR MANUFACTURE AND IM PORT OF PETROL CONTAINING MORE THAN 15 G/L OF LEAD AND/OR MORE THAN 5% (VOL/VOL) OF BENZEN E, A SURTAX IS IMPOSED WHICH INCREASES WITH I NCREASING CONCENTRATIONS.

HAZARD CLASS: 3 = INFLAMMABLE LIQUID

PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.

TWA: 30 MG/M3 (10 PPM); STEL: 75 MG/M3 (25 P PM). INDUSTRIAL SUBSTANCE SUSPECTED OF CARCI NOGENIC POTENTIAL FOR MAN; WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA.

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 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	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	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 RQR 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 BY THE EPA DIRECTOR. (AMENDED: FEREAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983) TWA: 10PPM (32 MG/M3); CLV: 25 PPM (80 MG/M3) (ACCEPTABLE), 50 PPM (160 MG/M3) (MAXIMUM TO MIN), SKIN ABSORPTION	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AIR	OCC PEL	NO POWER OPERATED INDUSTRIAL TRUCK (WITH CERTAIN SPECIFIED EXCEPTIONS) MAY BE USED IN ATMOSPHERES WHERE SUFFICIENT QUANTITIES TO PRODUCE AN EXPLOSIVE/IGNITABLE MIXTURE OF THE SUBSTANCE ARE PRESENT	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	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 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), 419, 1981
USA	REG	AIR	OCC RSTR USE OCC	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	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRES	10DEC1982	JUN1983	FEREAC	47,31230,1982	
USA	REG	WASTE	CLASS	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 BENZENE IS RATED AS A SOMEWHAT PERSISTENT COMPOUND	10DEC1982	JUN1983	FEREAC	47,31319,1982	
USA	REG	WASTE	CLASS	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. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTES 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				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.				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 454 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.				JUL1983	CFRUS* 40(403),8,1981
USA	REG	AQ	EMI	CLASS WASTE 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.					
USA	REG	GOODS	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; 47,55226,1982; 48,15382,1983)				JUL1983	CFRUS* 16(1700),577,1982
USA	REG	CLASS LABEL	RQR	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					
USA	REG	CLASS LABEL	RQR	ANY PRODUCT CONTAINING 5% OR MORE BY WEIGHT OF BENZENE IS A HAZARDOUS SUBSTANCE REQUIRING CERTAIN SPECIFIED CAUTIONARY LABELLING (IF PRESENTS A SPECIAL HAZARD REGARDING HARMFUL VAPORS.). (CERTAIN SPECIFIED PRODUCTS ARE EXEMPTED FROM SOME OF THE REQUIREMENTS.) (AMENDED: FEREAC 46.27910,1981)				JUL1983	CFRUS* 16(1500),290,1982

USA	REG	FOOD	MPC	THE FOOD ADDITIVE MODIFIED HOP EXTRACT : 1MG/ KG	JUN1983	CFRUS* 21(172), 52, 1981
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	AQ	MARIN PRO EMI MPC	PROHIBITS OCEAN DUMPING OF MATERIALS CONTAINI NG THIS SUBSTANCE UNLESS IT IS PRESENT IN A C ONCENTRATION BELOW ITS SOLUBILITY LIMIT IN SE AWATER	APR1983	CFRUS* 40(227), 199, 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)	APR1983	CFRUS* 40(261), 376, 1981
USA	REG	WASTE	CLASS RSTR RQR	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 : 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 (EN FORCEMENT GUIDANCE))	APR1983	CFRUS* 40(261), 362, 378, 1981
WHO	REC	AQ	DRINK GL	10 UG/L	MCH1983	WHODW* -, 17, 1983

VII/74

IRPTC

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

CY1576350 FENVALERATE

AREA	TYPE	REG	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	REC	FOOD	AL	PLANT (SPECIFIED): 0.1 MG/KG ("SECURITY" INT ERVAL: 21-30 DAYS); ANIMAL (SPECIFIED): 0.02 MG/KG (LIMITS OF NON-INTENTIONAL RESIDUES)		AUG1982	PMSBR* 06-26JAN, -, 1981
FAO/WHO	REC	REC	FOOD	ADI	0.007 MG/KG BW (TEMPORARY UNTIL 1982).		MCH1983	FPPDD 37, 55, 1982
FAO/WHO	REC	REC	FOOD	MRL	ALFALFA: 20 MG/KG; CEREAL GRAINS, KIWI FRUIT , WHEAT BRAN: 5 MG/KG; BROCCOLI, BRUSSELS SP ROUTS, CABBAGE, CAULIFLOWER, CELERY, CHERRIES , CITRUS FRUITS, LETTUCE, PEACHES, POME FRUIT , WHEAT FLOUR (WHOLEMEAL): 2 MG/KG; BEANS (WHOLE GREEN), CHINESE CABBAGE, SMALL FRUITS AND BERRIES, TOMATOES: 1 MG/KG; BEANS (DRY): 0.5 MG/KG; COTTONSEED, CUCUMBERS, ANIMAL FAT S, MILK PRODUCTS (FAT BASIS), SQUASH, WHEAT F LOUR (WHITE): 0.2 MG/KG; COTTONSEED OIL, PEA NUTS, SOYBEANS, SUNFLOWER SEED: 0.1 MG/KG; P OTATOES, RADISHES, SUGAR BEETS, SWEETCORN: 0. 05 MG/KG; MILK: 0.01 MG/KG.		APR1982	FPPDD 20, 74, 1980
FAO/WHO	REC	REC	FOOD	MRL	ROOT AND TUBER VEGETABLES: 0.05 MG/KG; SWEET CORN: 0.1 MG/KG; MELONS, NUTS: 0.2 MG/KG; S QUASH, WATERMELONS: 0.5 MG/KG; BRASSICA LEA FY VEGETABLES, PEPPERS: 2.0 MG/KG; PEACHES: 5.0 MG/KG. (MRLS ARE TEMPORARY AND DO NOT IN CLUDE ANY METABOLITES).		MCH1983	FPPDD 37, 55, 1982
SWE UN	REG REC	REC	FOOD TRNSP LABEL PACK	MTC CLASS	FRUITS AND VEGETABLES: 1.0MG/KG (PRELIMINARY) HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-25% (LIQUID).	1MCH1983	JUL1983 SEP1982	STLIF* 1983:1, 1, 1983 UNITDG* -, 183, 1982

CZ0175000 CHLOROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	275 MG/M3 (59 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM) TWA : 200.0 MG/M3 CLV : 800.0 MG/M3	AUG1982	SMTBR* 3, -, 1980
CSK	REG	AIR	OCC	MAC	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II	OCT1978	HPMZC* 39, -, 1978 KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	EMI	MXL			
DEU	REG	AIR	OCC	MAK	230 MG/M3 (50 PPM) (VP=1.2 KPA AT 20C) FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976).	10CT1980	DFSK** XVII, 14, 1982 BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.		
DEU	REG	LABEL PACK USE	- - RSTR	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. THE SOLVENT IS CLASSIFIED IN CLASS IIA.	10CT1980	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	- -	RQR RQR	XN - HARMFUL. FLAMMABLE (R 10). HARMFUL BY INHALATION (R 20). AVOID CONTACT WITH SKIN AND EYES (S 24/25).	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	CLASS PACK LABEL SALE	- - - -	RQR RQR RQR RSTR	HARMFUL SUBSTANCE (CLASS I/II/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	OJEC** L.213, 17, 1982
GBR	REG	LABEL PACK	- -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRNSP LABEL	- -	RQR RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2Y	28MCH1979	GBRSI* 1702, 1, 1978
GBR	REC	AIR	OCC	TLV	TWA : 350 MG/M3 (75 PPM)	MCH1983	ONHSE* EH15/80, 9, 1980
IMO	REC	TRNSP LABEL	MARIN CLASS	CLASS	HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REC	AIR	OCC	MAC	350 MG/M3 (75 PPM)	NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REC	AQ	SURF	MAC	0.02 MG/L	JUN1982	PDKIV* -, -, 1978
SUN	REC	AIR	AMB I	MAC	0.1 MG/M3 1X/D; 0.01 MG/M3 AV/D.	JUN1982	PDKIV* -, -, 1978
SUN	REC	AIR	OCC	MAC	CLV : 50.0 MG/M3 (VAPOUR)	JUN1982	GOSTS* 12.1.005, -, 1976
UN	REC	TRNSP LABEL	- -	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	UNITDG* -, 9, 1982

JAN1983 ACCIH* -,9,1982
 JUL1983 CFRUS* 40 (261), 368, 1981

TWA: 350 MG/M3 (75 PPM).
 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)).

USA
 USA

TLV
 CLASS
 RSTR
 RQR

AIR OCC
 WASTE

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

AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC
 INERATOR 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 BENZENES)

USA

RQR

REG WASTE

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

CLASS 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 ENVIREMNT 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 BENZENES)

USA

RSTR
 RQR

REG WASTE

APR1983 CFRUS* 40(180, 1001), 258, 1981

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.

USA

ARL

REG FOOD
 FEED

18JUL1980 MAY1983 CFRUS* 40(122, 53), 121, 1981

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: FEREAC 46, 35091, 1981; 46
 , 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

USA

RQR

REG AQ
 WASTE

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
 10DEC1982 JUN1983 FEREAC 47, 31230, 1982

TWA: 350 MG/M3 (75PPM)
 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 ESTABLISH
 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

USA
 USA

PEL
 CLASS

REG AIR OCC
 WASTE

USA	REG	MANUF	RQR	CLASS	DESCRIPTION	DATE	CFRUS*
USA	REG	WASTE	RQR	CLASS	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 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, FOR CHLOROBENZENE THE TOXICITY VALUE IS 2, THE PERSISTENCE VALUE IS 2. THE IGNITABILITY VALUE IS 3 AND THE REACTIVITY VALUE IS 0.	10DEC1982	47,31319, 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 SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	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 LINES 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	40(117), 44, 1981
USA	REG	AQ	EMI	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.	JUL1983	40(403), 8, 1981
USA	REG	FOOD USE	PRMT		(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	21(175), 114, 1981
USA	REG	WASTE	RQR		MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD.	APR1983	40(261), 376, 1981
USA	REG	WASTE	RQR	CLASS	THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED, WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (CC/MS OR CC WITH HALIDE SPECIFIC OR PHOTO IONIZATION DETECTOR)	APR1983	40(261), 362, 378, 1981
USA	REG	WASTE	RQR	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. (AMEN		

VII/77 (contd.)

DED : FIREAC 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)

V11/78

WHO REC AQ DRINK GL NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHL
OROBENZENES. (ODOUR THRESHOLD CONCENTRATION B
ETWEEN 0.1-3 UG/L)

MCH1983 WHODW* -, 17, 1983

CZ4550000 P-DICHLOROBENZENE

AREA	TYPE	SUBJECT	EMT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 450 MG/M3 (75PPM)	JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	OCC	MAK	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 10CT1980	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	PACK	-	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1,1976). 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.	JUN1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL	PACK	RQR	XN - HARMFUL. HARMFUL IF SWALLOWED (R 22). KEEP OUT OF REACH OF CHILDREN (S 2). AVOID CONTACT WITH SKIN AND EYES (R 24/25).	JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL	-	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978	JAN1983	GRRSI* 209, 1, 1978
GBR	REG	PACK	-	RQR	1, 1976)	MCH1983	GNHSE* EH15/80, 9, 1980
GBR	REG	AIR	OCC	TLV	TWA : 450 MG/M3 (75 PPM) STEL : 675 MG/M3 (110 PPM)	SEP1982	IMCOC* 4, 10003, 1977
IMO	REC	TRNSP LABEL	MARIN LABEL	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.		
JPN	REC	AIR	OCC	MAC	300 MG/M3 (50 PPM)	NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REC	AIR	AMBI	PSL	35 UG/M3	JUN1982	PKTV** -, -, 1978
SWE	REC	AIR	OCC	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	OCT1982	STNAT* 1978:5(PK:6), 1, 1978
SWE	REC	AIR	OCC	TLV	TWA : 450 MG/M3 (75 PPM) STEL : 700 MG/M3 (110 PPM)	1JAN1982	AFS*** 1981:8, 9, 1981
UN	REC	TRNSP LABEL	PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE	SEP1982	UNTDG* -, 9, 1982
USA	REC	AIR	OCC	TLV	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	JAN1983	ACG1H* -, 9, 1982
USA	REC	AIR	OCC	TLV	TWA: 450 MG/M3 (75 PPM); STEL: 675 MG/M3 (110 PPM)	JUL1983	CFRUS* 40 (261), 368, 1981
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: FERAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982: 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE).		
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: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED BENZENES)	JUL1983	CFRUS* 40(264), 455, 1981

USA	REG	WASTE	EMI	WASTE	CLASS	DESCRIPTION	DATE	CFRUS*
USA	REG AQ	WASTE	EMI	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 CHLORINATED BENZENES)	19NOV1980	40(261),358,1981
USA	REG AQ	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: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980	40(122.53),121,1981
USA	REG AQ	WASTE	EMI	WASTE	PELL	TWA: 450 MG/M3 (75PPM)	JUN1974	APR1983 CFRUS* 29(1910),673,1981
USA	REG AQ	WASTE	EMI	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. RISK OR DANGER IS THE CHARACTERISTICS OF WASTES IN A GIVEN FACILITY. FOR EXAMPLE 1,4-DICHLOROBENZENE IS RATED AS A HIGHLY PERSISTENT COMPOUND	10DEC1982	JUN1983 FEREAC 47,31230,1982
USA	REG MANUF	WASTE	EMI	WASTE	RQR	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 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED 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.	40OCT1982	JUN1983 FEREAC 47,38780,1982
USA	REG AQ	WASTE	EMI	WASTE	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 45.4 KG (OF DICHLOROBENZENE) 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	WASTE	EMI	WASTE	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 SHORES 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.	MAY1983	CFRUS* 40 (117),44,1981

USA	REG	AQ	EMI	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.	JUL1983 CFRUS* 40(403), 8, 1981
			WASTE	MXL	(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, 55226, 1982; 48, 15382, 1983)	
USA	REG	WASTE	RQR	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, PHOTO IONIZATION, OR ELECTRON CAPTURE DETECTOR)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	WASTE	CLASS	RSTR	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))	APR1983 CFRUS* 40(261), 362, 378, 1981
WHO	REC	AQ	DRINK	GL	NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHLOROBENZENES. (ODOUR THRESHOLD CONCENTRATION BETWEEN 0.1-3 UG/L)	MCH1983 WHODW* -, 17, 1983

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CZ6300000		TOLUENE DIISOCYANATE					
CSK	REG	AIR	OCC	MAC	OCT1978	MAY1982	HPMZC* 39, -, 1978
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	OCC	MAC			
DEU	REG	AIR	OCC	RQR			
DEU	REG	AIR	OCC	MAC	10CT1980	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	AIR	OCC	RQR		JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL					
DEU	REG	LABEL	-	RQR			
DEU	REG	LABEL	-	RQR			
DEU	REG	USE	OCC	RSTR			
EEC	REG	LABEL		RQR			
EEC	REG	LABEL		RQR			
GBR	REG	LABEL	-	RQR			
GBR	REG	LABEL	-	RQR			
GBR	REG	AIR	OCC	TLV			
IMO	REG	TRNSP LABEL	MARIN	CLASS			
JPN	REG	AIR	OCC	MAC			
SUN	REG	AIR	AMBI	MAC			
SUN	REG	AIR	OCC	MAC			
SWE	REG	AIR	OCC	CLASS			
SWE	REG	AIR	OCC	TLV			
UN	REG	TRNSP LABEL		CLASS			
UN	REG	LABEL		CLASS			
UN	REG	LABEL		CLASS			

TWA : 0.07 MG/M3
 CLV : 0.14 MG/M3
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 0.14 MG/M3 (0.02 PPM) (SENSITIZATION) PREPARATIONS WHICH CONTAIN THE SUBSTANCE AND ARE INTENDED FOR USE AS PAINTS, GLUES, PRINTING 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.

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 PREGNANTS AND PREGNANT OR NURSING WOMEN.

T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). 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).

FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1, 1976)

TWA : 0.14 MG/M3 (0.02 PPM) (INTENDED TO BE CHANGED TO : TWA : 0.05 MG/M3 (0.005 PPM) STEL : 0.15 MG/M3 (0.02 PPM))

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

0.14 MG/M3 (0.02 PPM)
 0.05 MG/M3 TLV/D; 0.02 MG/M3 AV/D.
 CLV : 0.05 MG/M3 (VAPOUR)
 GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE
 CLV : 0.07 MG/M3 (0.01 PPM). SENSITIZING
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.

USA	REC	AIR	OCC	TLV	TWA: 0.14 MG/M3 (0.02 PPM). (INTENDED CHANGE S: TWA: 0.04 MG/M3 (0.005 PPM); STEL: 0.15 MG/M3 (0.02 PPM)).	-	JAN1983	ACGIH* -,9,1982
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 USA	REG REG	AIR TRNSP	OCC	PEL RSTR RQR	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.	JUN1974	APR1983 JUL1983	CFRUS* 29(1910), 673, 1981 CFRUS* 33(126), 613, 1981
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(175), 114, 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

DA0700000 ETHYLBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL	340 MG/M3 (78 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)	AUG1982	SMTBR* 3, -, 1980
CSK	REG	AIR	OCC	MAC	TWA : 200.0 MG/M3 CLV : 1000.0 MG/M3	OCT1978	HPMZC* 39, -, 1978
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H C CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II	JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	OCC	MAK	435 MG/M3 (100 PPM)	10OCT1980	DFSK** XVII, 14, 1982 868L** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	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.	JUL1982	868L** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	- -	RQR RQR	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. THE SOLVENT IS CLASSIFIED IN CLASS IIC.	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	CLASS PACK LABEL SALE	- - - -	RQR RQR RSTR	CLASS I (C) 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976).	JAN1983	OJEC** L213, 17, 1982
GBR	REG	LABEL PACK	- -	RQR RQR	HARMFUL SUBSTANCE (CLASS I) 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976).	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRNSP LABEL	- -	RQR RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3(Y)E	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	AIR	OCC	TLV	TWA:435MG/M3 (100PPM). STEL:545MG/M3 (125PPM)	MCH1983	GNHSE* EH15/80, 9, 1980
IMO	REC	TRNSP MARIN PACK	- - -	RQR RQR RQR	HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.	SEP1982	IMCOC* 4, 10003, 1977
JPN	REG	AIR	OCC	MAC	435 MG/M3 (100PPM)	NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REG	AQ	SURF	MAC	0.01 MG/L	JUN1982	PDKTV* -, -, 1978
SUN	REG	AIR	AMBI	PSL	0.1 MG/M3	JUN1982	PDKTV* -, -, 1978

SUN	REG	AMB	MAC	TRNSP	REG	TRNSP	CLASS	HAZARD CLASS:	PERMITS	UN	JUN1982	PDKTV*
SUN	REG AQ	SURF	MAC	PACK	REG AQ	CLASS	3 = INFLAMMABLE LIQUID	0.02 MG/M3 1X/D; 0.02 MG/M3 AV/D	ARE REQUIRED FOR DISCHARGE OF ANY POL	JUN1982	PDKTV*	-,-, 1978
SWE	REG AIR	OCC	TLV	AIR	REG AIR	TLV	UM DANGER.	SURFACE WATER FOR FISHING : 11 UG/L	LUTANT FROM ANY POINT SOURCE INTO US WATERS.	JUN1982	PDKTV*	-,-, 1978
UN	REG AQ	EMI	RQR	WASTE	REG AQ	RQR	UM DANGER.	TWA : 350 MG/M3 (80 PPM) STEL : 450 MG/M3 (10	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)	SEP1982	AFS***	1981:8,9,1981
USA	REG AQ	OCC	TLV		REG AQ	TLV	UM DANGER.	0 PPM)	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLUTANT FROM ANY POINT SOURCE INTO US WATERS.	JUN1982	UNTDG*	-,9,1982
USA	REG AQ	EMI	RQR	WASTE	REG AQ	RQR	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	JAN1983	ACG1H*	-,9,1982
USA	REG AQ	OCC	TLV		REG AQ	TLV	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	MAY1983	CFRUS*	40(122.53), 121, 1981
USA	REG AQ	EMI	RQR	WASTE	REG AQ	RQR	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	JUN1974	CFRUS*	29(1910), 673, 1981
USA	REG AQ	OCC	TLV		REG AQ	TLV	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	10DEC1982	FEREAC	47,31230,1982
USA	REG AQ	EMI	RQR	WASTE	REG AQ	RQR	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	JUN1983	FEREAC	47,31319,1982
USA	REG AQ	OCC	TLV		REG AQ	TLV	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	MAY1983	CFRUS*	40(116), 33, 1981
USA	REG AQ	EMI	RQR	WASTE	REG AQ	RQR	UM DANGER.	TWA: 435 MG/M3 (100 PPM); STEL: 545 MG/M3 (125 PPM)	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)	MAY1983	CFRUS*	40(117), 44, 1981

USA REG AQ EMI CLASS ETHYLBENZENE IS AMONG OTHERS CLASSIFIED AS TO
WASTE MXL ET OR HAS SET EFFLUENT LIMITATIONS AND PRETRE
ATMENT 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; 47,38810,1982; 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)

VII/87

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

DA0800000 FLUOROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
UN	REC	TRNSP LABEL PACK	CLASS HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDI UM DANGER.		-	SEP1982	UNTDG* - ,9, 1982

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,-,
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	30APR1968	MCH1982	ADECA* 2143,-,
ARG	REG	MANUF	RQR	ADDITION OF RODAMIN TO HCB (4:15).	20MCH1972	MCH1982	ADISS* 35,-,
ARG	REG	USE	PRO	AS MITICIDE, IN TREATMENT OF SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47,-,
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 : 0.03 MG/KG.	30MCH1973	MCH1982	ADISS* 46,-,
ARG	REG	FOOD	MXL	CRUDE CEREALS: 0.05 MG/KG.	8NOV1976	MCH1982	ARESA* 459,-,
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	OCT1978	MAY1982	HPMZC* 43,-, 1978
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED) : 0.3 MG/KG WMT, 0.5 MG/KG LWT	28FEB1979	MAY1982	BGBL** IS.1525, 1525, 1978
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 0.1 MG/KG, PLANT (GENERAL) 0.01 MG/KG	1AUG1978	MCH1982	BGBL** IS.718, 730, 1978
DEU	REG	GOODS	MRL	TOBACCO 0.3 MG/KG	1AUG1978	MCH1982	BGBL** IS.718, 741, 1978
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").		MCH1982	FPPDD 15SUP., 162, 1979
FAO/WHO	REC	FOOD	ERL	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.		MCH1982	FPPDD 11,27,1978
JPN	REG	MANUF USE	CLASS PRO RSTR	DESIGNATED AS A "SPECIFIED CHEMICAL SUBSTANCE", WITHOUT AUTHORIZATION FROM THE GOVERNMENT, MANUFACTURE AND IMPORTATION ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORTATION OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.		DEC1982	JPNCO* 20CT, -, 1981
SUN	REG	AQ	MAC	0.05 MG/L		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	PSL	13 UG/M3		JUN1982	PKTV* -, -, 1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NIKOP* -, 512, 1978
SUN	REG	AIR	MAC	CLV : 0.9 MG/M3 (VAPOUR + AEROSOL)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 0.1MG/KG (INCL. PENTACHLOROBENZENE); CEREALS, BRAN AND THEIR PRODUCTS: 0.01MG/KG	1MCH1983	JUL1983	STLIF* 1983:1,1,1983
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: FLREAC 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	DESCRIPTION	DATE	CFRUS*
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 FAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED BENZENES)	22JUL1981	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: 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 BENZENES)	19NOV1980	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: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980	40(122.53), 121, 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 HEXACHLOROBENZENE IS RATED AS A HIGHLY PERSISTENT COMPOUND	10DEC1982	47, 31230, 1982
USA	REG	EMI WASTE	CLASS 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. (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	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 ELECTRON CAPTURE DETECTOR)	APR1983 CFRUS* 40(261), 376, 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. (AMEN FED : 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))	APR1983 CFRUS* 40(261), 362, 378, 1981
WHO	REC USE FOOD	RQR	RECOMMENDED RATE OF APPLICATION TO WHEAT SEED - . RECOMMENDED SAFETY MEASURES SUCH AS COLOUR ING, ADDITION OF ODOUR OR TASTE, LABELLING, T RANSPORTATION AND DISTRIBUTION OF DRESSED SEE D.	DEC1982 WHOTAC 555, 21, 1974
WHO	REC AQ DRINK GL		0.01 UG/L	MCH1983 WHODW* -, 17, 1983

DA6475000 NITROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	OCT1978	MAY1982	HPMZC* 39, -, 1978
CSK	REG	AIR	OCC	TWA : 5.0 MG/M3 CLV : 25.0 MG/M3	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
CSK	REG	USE	PRO	CLASS POISONOUS SUBSTANCE	JAN1971	MAY1982	HPMZC* 32, -, 1970
DEU	REG	AIR	EMI	MXL THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H C CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I		JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	OCC	MAK	10OCT1980	MCH1983	DFESK** XVII, 14, 1982
DEU	REG	LABEL - PACK - USE	RQR	RQR RQR RSTR 5 MG/M3 (1 PPM) (CUTANEOUS ABSORPTION) 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 PREGNANT AND PREGNANT OR NURSING WOMEN.		JUN1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE	RQR RQR RSTR	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. THE SOLVENT IS CLASSIFIED IN CLASS IA.	10OCT1980	JUL1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	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).		JUN1982	OJEC** L.360, 1, 1976
EEC	REG	GOODS	PRO	PRO SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR	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	1JAN1984	JAN1983	OJEC** L213, 17, 1982
GBR	REG	LABEL - PACK -	RQR RQR	RQR RQR FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 /1, 1976)	1SEPT1978	JAN1983	GBRSI* 209, 1, 1978

GBR	REG	TRNSP LABEL	OCC	CLASS RQR	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE.	28MCH1979	JAN1983	GBRSI*	1702.1, 1978
GBR	REC	AIR	OCC	TLV	EMERGENCY ACTION CODE : 2X TWA : 5 MG/M3 (1 PPM) .STEL : 10 MG/M3 (2 PPM) SKIN ABSORPTION		MCH1983	GNHSE*	EH15/80, 9, 1980
GBR	REG	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WH EN SOLD BY LISTED SELLERS IS AGRICULTURAL, HO RTICULTURAL AND FORESTAL INSECTICIDES	1APR1982	JAN1983	GBRSI*	218, 1, 1982
IMO	REG	TRNSP LABEL	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MED IUM DANGER.	-	SEP1982	IMCOC*	4, 10003, 1977
IND	REC	OCC		RQR	CODE OF SAFETY INCL. ENGINEERING CONTROLS, ST ORAGE AND HANDLING, PACKING AND LABELLING (WA RN), TANK AND EQUIPMENT CLEANING AND REPAIRS, PREVENTIVE MEASURES, EDUCATION AND TRAINING OF EMPLOYEES, PROTECTIVE EQUIPMENT, DISPOSAL OF WASTE, MEDICAL MANAGEMENT AND FIRST AID.		DEC1982	INDS**	IS.8388, -, 1977
JPN	REG	AIR	OCC	MAC	5 MG/M3 (1 PPM) (SKIN ABSORPTION)		NOV1982	SAIGLB	SUP23(5), 565, 1981
JPN	REG	CLASS LABEL		RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983	JPPDL*	-, -,
SUN	REG	AQ	SURF	RSTR	0.2 MG/L		JUN1982	PKTV*	-, -, 1978
SUN	REG	AIR	OCC	MAC	CLV : 3.0 MG/M3 (VAPOUR)		JUN1982	PKTV*	-, -, 1978
SUN	REG	AIR	AMBI	MAC	0.008 MG/M3 1X/D; 0.008 MG/M3 AV/D.		JUN1982	PKTV*	-, -, 1978
SWE	REG	AIR		CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	OCT1982	STNAF*	1978:5(PK:6), 1, 1978
SWE	REG	AIR	OCC	TLV	TWA : 5 MG/M3 (1 PPM) SKIN ABSORPTION STEL : 10 MG/M3 (2 PPM)	1JAN1982	SEP1982	AFS***	1981:8, 9, 1981
UN	REC	TRNSP LABEL		CLASS	HAZARD CLASS: 6.1 POISONOUS SUBSTANCE		SEP1982	UNTDG*	-, 9, 1982
USA	REC	AIR	OCC	TLV	PACKING GROUP: 11 = SUBSTANCE PRESENTING MED IUM DANGER. TWA: 5 MG/M3 (1 PPM); STEL: 10 MG/M3 (2 PPM) (SKIN ABSORPTION).		JAN1983	ACGIH*	-, 9, 1982
USA	REG	WASTE		RSTR	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	JUL1983	CFRUS*	40 (261), 368, 1981
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC LERATOR 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))	22JUL1981	JUL1983	CFRUS*	40(264), 455, 1981
USA	REG	WASTE		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: FEREAC 46, 35246, 1981; 46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36 097, 1982; 48, 2532, 1983 (INTERIM); 47, 36 097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19 83 (ENFORCEMENT GUIDANCE).	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	18JUL1980	MAY1983	CFRUS*	40(122.53), 121, 1981

VII/92 (contd.)

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 UC/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; 47,24916, 1982; 48, 14146, 1983)

USA USA	REG REG	AIR WASTE	OCC	PEL CLASS	<p>TWA: 5 MG/M3 (1PPM), SKIN ABSORPTION 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 NITROBENZEN E IS RATED AS A PERSISTENT COMPOUND MANUFACTURERS AND PROCESSORS OF NITROBENZENE OR MIXTURES CONTAINING THE SAME ARE REQUIRED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEAL TH AND SAFETY STUDIES AND LISTS OF ONGOING ST UDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR SEARC H OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED THE SUBSTANCE, INCLUDING ANY ISOMERS, HYDRATE S, AND SOLUTIONS AND MIXTURES CONTAINING THE SUBSTANCE, IS DESIGNATED AS A HAZARDOUS SUBST STANCE 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 454 KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT. NITROBENZENE IS AMONG OTHERS CLASSIFIED AS TO XIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO S ET OR HAS SET EFFLUENT LIMITATIONS AND PRETRE AMENT 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; 47,55226, 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 OR FLAME IONI ZATION 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))</p>	<p>JUN1974 APR1983 CFRUS* 29(1910),673, 1981 10DEC1982 JUN1983 FEREAC 47,31230, 1982</p>
USA	REG	MANUF	EMI	RQR	<p>MAY1983 CFRUS* 40(116),33, 1981</p>	<p>4OCT1982 JUN1983 FEREAC 47,38780, 1982</p>
USA	REG	AQ	EMI	RQR RSTR	<p>MAY1983 CFRUS* 40(117),44, 1981</p>	<p>JUL1983 CFRUS* 40(403),8, 1981</p>
USA	REG	WASTE	WASTE	RQR	<p>APR1983 CFRUS* 40(261),376, 1981</p>	<p>APR1983 CFRUS* 40(261),362,378, 1981</p>

RECOMMENDATIONS-LEGAL MECHANISMS

DB4200000 BENZENESULFONIC ACID

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
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 BENZENE SUL FONIC ACID IS RATED AS A SOMEWHAT PERSISTENT COMPOUND	10DEC1982	JUN1983 FEREAC 47, 31230, 1982

RECOMMENDATIONS-LEGAL MECHANISMS

DB4370000 ALKYL BENZENESULFONIC ACID

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) 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

DC2100000 1,2,4-TRICHLOROBENZENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	40 MG/M3 (5 PPM)			
GBR	REC	AIR	OCC	TWA : 40 MG/M3 (5 PPM)			
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER. (APPLIES TO LIQUIDS). TWA: 40 MG/M3 (5 PPM). 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 BENZENES)			MCH1983 DFSK** XVIII,14,1982 MCH1983 GNHSE** EHI15/80,9,1980 SEP1982 UNTDC* -,9,1982
USA	REC	AIR	OCC	TLV			
USA	REG	AIR WASTE	RQR	RQR	22JUL1981	JAN1983	ACGIH* -,9,1982 JUL1983 CFRUS* 40(264).455,1981
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: 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 CHLORINATED BENZENES)	19NOV1980	JUL1983	CFRUS* 40(261).358,1981
USA	REG	AQ	EMI WASTE	RQR	18JUL1980	MAY1983	CFRUS* 40(122.53),121,1981
USA	REG	MANUF	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) 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	40CT1982	JUN1983	FER EAC 47,38780,1982

JUL1983 CFRUS* 40(403), 8, 1981

USA	REG	AQ	EMI	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.
			WASTE	MXL	(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)
USA	REG	WASTE	CLASS	RSTR	(ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848, 1982; 47,52226, 1982; 48,15382, 1983)
			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))
WHO	REC	AQ	DRINK	GL.	NO HEALTH-RELATED GUIDELINE VALUE SET FOR CHLOROBENZENES. (ODOUR THRESHOLD CONCENTRATION BETWEEN 0.1-3 UG/L)

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

MCH1983 WHODW* -, 17, 1983

DC7875000 CHLORFENETHOL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	USE LABEL - PACK - USE OCC	RQR RQR RSTR	PRMT	AUG1981 1OCT1980	MAY1982 JUN1982	SPPOR* -, -, 1981 BGBL** IS.2069, 2069, 1980
EEC	REG	USE LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1, 1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. 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). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1, 1976) THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUN1982	OJEC** L.360, 1, 1976	
GBR	REG	USE LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1, 1976) THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JAN1983	GBRSI* 209, 1, 1978	
JPN	REG	USE AGRIC PRMT	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1, 1976) THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUL1983	JPAGR* -, -,	

RECOMMENDATIONS-LEGAL MECHANISMS

DC8400000 DICOFOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	3-15 MG/KG; MILK AND ANIMAL FAT: 0 MG/KG; H 27MCH1969	MCH1982	MCH1982	ALEYP* 18073, -,
BRA	REG	FEED	MXL	OPS: 30 MG/KG; COTTONSEEDS: 0.1 MG/KG.			
	REG	FOOD	AL	PLANT (SPECIFIED) : 0.1-5 MG/KG ("SECURITY" I INTERVAL: 2-28 DAYS)	AUG1982	AUG1982	CDABR* 2, 82, 1980
CSK	REG	USE	AGRIC	PLANT (SPECIFIED) 0.5-2.0 MG/KG	AUG1981	MAY1982	SPROR* -, -, 1981
DEU	REG	FOOD	MRL	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1AUG1978	MCH1982	BGBL** IS.718, 727, 1978
DEU	REG	LABEL	RQR	, 1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.	1OCT1980	JUN1982	BCBL** IS.2069, 2069, 1980
	REG	PACK	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).		JUN1982	OJEC** L.360, 1, 1976
EEC	REG	LABEL	RQR	VEGETABLES : 0.5 MG/KG ; FRUITS : 2 MG/KG	1JUL1984	DEC1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD	MRL	25 UC/KG.BM		MCH1982	FPPDD 11, 21, 1978
FAO/WHO	REC	FOOD	ADI	FRUITS (EXCEPT STRAWBERRIES), VEGETABLES (EXCEPT CUCUMBERS, GHERKINS, TOMATOES), HOPS (DRIED), TEA (DRIED, MANUFACTURED) 5 MG/KG; CUCUMBERS, GHERKINS 2 MG/KG; STRAWBERRIES, TOMATOES 1 MG/KG		MCH1982	FPPDD 11, 21, 1978
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	PACK	RQR	, 1, 1976)		MCH1983	APFG** -, 89, 1983
	REG	USE	PRMT	APPROVED AS AN ACARICIDE, SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		DEC1982	INDS** IS.5279, -, 1969
IND	REC	PACK	RQR	PACKING, LABELLING (WARN), ANALYSIS AND QUALITY STANDARDS FOR EMULSIFIABLE CONCENTRATES.		DEC1982	PFAIN* -, 70, 1981
IND	REG	LABEL	WARN	SPECIFIED FOOD PRODUCTS : 5.0 MG/KG	15MAY1976	JUL1983	JPACR* -, -, -
JPN	REG	FOOD	MTC	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUL1983	JPNFS* -, -, -
JPN	REG	USE	AGRIC			SEP1982	GSKEN** 40, 410, 1978
KFN	REG	FOOD	ARL	SPECIFIED PLANT PRODUCTS : 2.0 - 3.0MG/KG		JUN1982	PKTV* -, -, 1978
SUN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.25-5.0 MG/KG.		JUN1982	NIKDP* -, 512, 1978
SUN	REG	AQ	MAC	SURFACE WATER FOR FISHING : 0 MG/L		OCT1982	STINAF* 1978:5(PK:6), 1, 1978
SUN	REG	FOOD	MRL	LIMITS		JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	FOOD	MRL	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	OCT1982	PFBEK* -, 58, 1982
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 3.0MG/KG			
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 HAZARDOUS CLASSES (1=MOST HAZARDOUS, 3=LEAST HAZARDOUS)	1MCH1983	SEP1982	UNTDG* -, 183, 1982
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=100-25% (LIQUID).			

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 POLLUTI ON 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 2270 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	FOOD FEED	ARL		RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-30 MG/KG	APR1983 CFRUS* 40(180), 152, 1981
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 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

DC9625000 BENZIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	OCC AIR	OCC	CLASS CARCINOGENIC SUBSTANCE BENZIDINE AND ITS SALTS LISTED AS CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION)	JAN1981	MAY1982 MCH1983	HPMZC** 49, -, 1980 DFSK** XVII, 14, 1982
DEU	REG	USE	OCC	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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL PACK USE	- - OCC	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 PREGNANTS AND PREGNANT OR NURSING WOMEN. REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE, AND CAUSE A PUBLIC DANGER. (APPLIES TO BENZIDINE AND ITS SALTS).	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	AIR AQ SOIL SED	IMI IMI IMI IMI	RQR REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE, AND CAUSE A PUBLIC DANGER. (APPLIES TO BENZIDINE AND ITS SALTS).	-	MAY1982	BGBL** IS.772.772,1980
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 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).	JUN1982		OJEC** L.360, 1, 1976
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.	1JAN1986	NOV1982	OJEC** 25(L167),1,1982
EEC	REG	MANUF USE	- INDST RQR	CLASS LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >= 1KG (OF BENZIDINE AND ITS 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	8JAN1984	DEC1982	OJEC** L230,1,1982

VII/101 (contd.)

I, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT
T THE INDUSTRIAL ACTIVITY

GBR	REG	LABEL - PACK - IMPRT	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	1SEP1978	GBRSI* 209,1,1978
GBR	REG		RQR PRO	THE IMPORTATION OF THE SUBSTANCE INTO THE UNI TED KINGDOM IS PROHIBITED UNDER THE CARCINOGE NIC SUBSTANCES (PROHIBITION OF IMPORTATION) O RDER 1967	1APR1982	MCH1983 GNHSE* EH15/80,5,1980
GBR	REG	MANUF USE	PRO PRO	MANUFACTURE AND USE IS PROHIBITED UNDER THE C ARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE C OMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANC E IN A TOTAL CONC. NOT EXCEEDING 1%		MCH1983 GNHSE* EH15/80,5,1980
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.	-	SEP1982 IMCOC* 4,10003,1977
JPN	REC	AIR OCC	CLASS	INCLUDED IN THE TENTATIVE LIST OF CARCINOGENI C WORKING MATERIALS	NOV1982	SAIGLB SUP23(5),565,1981
SWE SWE	REG REG	OCC MANUF USE	CLASS PRO PRO	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. IT IS NOT PERMITTED TO MANUFACTURE, USE OR HANDLE THE SUBSTANCE. (APPLIES TO BENZIDINE AND ITS SALTS.)	22DEC1978 1JAN1982	OCT1982 STNAF* 1978:5(PK:6),1,1978 SEP1982 AFS*** 1981:8,25,1981
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.	-	SEP1982 UNTDG* -,9,1982
USA	REC	AIR OCC	TLV	HUMAN CARCINOGEN. NO EXPOSURE OR CONTACT BY A NY ROUTE SHALL BE PERMITTED. WORKERS SHOULD BE PROPERLY EQUIPPED TO ENSURE VIRTUALLY NO C ONTACT. (SKIN ABSORPTION)	-	JAN1983 ACGIH* -,9,1982
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	JUL1983 CFRUS* 40 (261),368,1981
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))	22JUL1981	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: 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	AQ EMI WASTE	RQR	PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL UTANT FROM ANY POINT SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITAT IVE 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	18JUL1980	MAY1983 CFRUS* 40(122.53),121,1981

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	AQ	EMI	MXL	DISCHARGES OF PROCESS WASTE, CLEANUP WATER, S TORMWATER RUNOFF, ETC. INTO NAVIGABLE WATERS FROM EXISTING AND NEW BENZIDINE MANUFACTURERS SHALL NOT CONTAIN BENZIDINE CONCENTRATIONS E XCEEDING 10 UG/L (AVERAGE PER WORKING DAY OVE R ANY CALENDAR MONTH) OR 50 UG/L (IN SAMPLES REPRESENTING ANY WORKING DAY) AND THE MONTHLY AVERAGE DAILY LOADING MAY NOT EXCEED 0.130 K G/KKG BENZIDINE PRODUCED. FOR EXISTING AND NE W BENZIDINE-BASED DYE APPLICATORS 10 UG/L (AS AVERAGE/WORKING DAY OVER 1 MONTH) ALSO APPLI ES, BUT THE 1 DAY SAMPLES MUST NOT CONTAIN MO RE THAN 25 UG/L, AND NO DAILY LOADING IS MENT IONED. (THE LIMITS APPLY TO BENZIDINE AND ITS SALTS AS IDENTIFIED BY THE NAME 4,4'-DIAMINO BIPHENYL)	12JAN1977 MAY1983 CFRUS* 40(129),285,1981
USA	REG	AQ	EMI	RQR	WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEAS URED FOR PURPOSES OF DISCHARGE PERMIT APPLICA TIONS AND REPORTS, THE SPECIFIED MEASURING PR OCEDURES MUST BE USED (OXIDATION-COLORIMETRY) A REGULATED AREA MUST BE ESTABLISHED BY THE E MPLOYER WHERE THE SUBSTANCE IS MANUFACTURED, HANDLED, USED, PROCESSED ETC. OPERATIONS INVO LVING THE SUBSTANCE MUST TAKE PLACE WITHIN CL USED OR ISOLATED SYSTEMS WITHIN THAT AREA. (D OES NOT APPLY TO SOLID OR LIQUID MIXTURES CON TAINING LESS THAN 0.1% (BY WEIGHT OR VOLUME) OF THE SUBSTANCE). REQUIREMENTS ARE MADE FOR PROTECTIVE CLOTHING, RESPIRATORS, TRAINING, V ENTILATION, WARNING SIGNS (CANCER-SUSPECT AGE NT), SANITATION, MEDICAL SURVEILLANCE, LABELL ING OF CONTAINERS, CONTAMINATION, EMERGENCY P ROCEDURES, RECORD KEEPING AND REPORTING	16OCT1973 MAY1983 CFRUS* 40(136),298,1981
USA	REG	MANUF USE STORE OCC LABEL		RQR WARN		JUN1983 CFRUS* 29(1910),684,1981
USA	REG	AQ	EMI	CLASS WASTE MXL	BENZIDINE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETRTAM ENT 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 ,1983) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848 ,1982; 47,55226,1982; 48,15382,1983)	JUL1983 CFRUS* 40(403),8,1981

IRPTC

RECOMMENDATIONS--LEGAL MECHANISMS

IRPTC

DD0525000 3,3'-DICHLOROBENZIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION)	MCH1983	DFSK** XVII, 14, 1982
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%). 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.	10CT1980	JUL1982 B68L** IS.2069, 2069, 1980
GBR	REC	AIR	OCC	TLV	AN INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN SKIN ABSORPTION	MCH1983	GNHSE* EH15/80, 9, 1980
SWE	REG	OCC		CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978	OCT1982 STNAF* 1978:5(PK:6), 1, 1978
SWE	REG	MANUF USE		PRO	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	1JAN1982	SEP1982 AFS*** 1981:8, 25, 1981
USA	REC	AIR	OCC	TLV	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. (SKIN ABSORPTION).	JAN1983	ACGIH* -, 9, 1982
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: 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	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		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)).	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981

USA REG AQ 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)

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, G. VENTILATION, WARNING SIGNS (CANCER-SUSPECT AGENT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORDKEEPING AND REPORTING. DICHLOROBENZIDINE 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

JUN1983 CFRUS* 29(1910), 684, 1981

USA REG MANUF USE STORE OCC LABEL RQR WARN

JUL1983 CFRUS* 40(403), 8, 1981

USA REG AQ EMI WASTE CLASS MXL (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, 13176, 1983) (ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)

DD0875000 3,3'-DIMETHOXYBENZIDINE; O-DIANISIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. NO MAK VALUE ESTABLISHED.	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	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.	JUN1982	BGBL** I.S.2069, 2069, 1980
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.)	JUN1982	OJEC** L.360, 1, 1976
GRR	REG	LABEL - PACK -		RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	JAN1983	GBRSI* 209, 1, 1978
SWE	REG	OCC MANUF USE		PRO PRO PRO	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	SEP1982	AFS*** 1981:8, 25, 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: 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		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))	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: FEREC 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

DD1225000 3,3'-DIMETHYLBENZIDINE; O-TOLIDINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	MAK	SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. NO MAK VALUE ESTABLISHED.		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 (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.	10CT1980	JUN1982	BGBL** IS.2069,2069, 1980
EEC	REG	LABEL PACK	RQR RQR	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).		JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL - PACK - AIR	RQR RQR TLV	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 (1976))	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REC	AIR	OC	INTENDED INCLUSION: INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN		MCH1983	GNHSE* EH15/80, 9, 1980
SWE	REG	OC MANUF USE	PRO PRO PRO	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	1JAN1982	SEP1982	AFS*** 1981:8,25, 1981
USA	REC	AIR	OC	INTENDED CHANGES: 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.		JAN1983	ACGIH* -, 9, 1982
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	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)).	19NOV1980	JUL1983	CFRUS* 40(261),358, 1981

DD2275000 CHLOROBENZILATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	CITRUS FRUITS: 5 MG/KG; APPLES AND PEARS: 2 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073,-,
BRA	REG	FOOD FEED	AL	PLANT (SPECIFIED) : 0.0001-2 MG/KG ("SECURITY INTERVAL : 5-30 DAYS)		AUG1982	CDABR* 2, 81, 1980
CSK	REG	HUMAN FOOD	MRL	ALFALFA : 5 MG/KG ("SECURITY" INTERVAL : 14 DAYS)			
DEU	REG	FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION OF ANIMALORIGIN (SPECIFIED) : 0.05-0.5 MG/KG WWT	OCT1978	MAY1982	HPMZC* 43,-, 1978
DEU	REG	FOOD	MRL	OF ANIMALORIGIN (GENERAL) : 0.01 MG/KG WWT PLANT (SPECIFIED) 1.5 MG/KG, PLANT (GENERAL) 0.05 MG/KG	1AUG1978	MCH1982	BGBL** IS. 718, 723, 1978
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 2 MG/KG ; NUTS : 0.2 MG/KG	1JUL1984	DEC1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD	ADI	0.02 MG/KG BW		MCH1982	FPPDD 11, 15, 1978
FAO/WHO	REC	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		MCH1982	FPPDD 11, 15, 1978
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUL1983	JPAGR* -, -,
JPN	REG	FOOD	ARL	SPECIFIED PLANT PRODUCTS : 2.0MG/KG		JUL1983	JPNFS* -, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.2-5.0 MG/KG.		SEP1982	GSKEN* 40, 410, 1978
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 1 MG/KG	1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	FOOD	MIC	FRUITS AND VEGETABLES: 1.0-2.0MG/KG	1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-35% (LIQUID).		SEP1982	UNTDG* -, 183, 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: 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	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 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 POSA 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 FOOD ARL RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.2-15 MG/KG APR1983 CFRUS* 40(180),152,1981

DD6475000 BENOMYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
ARG	REG	FOOD	MXL	APPLS AND PEARS 5 MG/KG.	17NOV1978	MCH1982	ARESA* 786, -	
CSK	REG	USE	AGRIC	PLANT (GENERAL) 0.1 MG/KG; PLANT (SPECIFIED) 0.2-7.0 MG/KG (WITH CARBENDAZIM AND THIOPHAN	AUG1981	MAY1982	SPPOR* -, -, 1981	
DEU	REG	FOOD	MRL	ATE-METHYL CALCULATED AS CARBENDAZIM)	1AUG1978	MCH1982	BGBL** IS.718,721,1978	
FAO/WHO	REC	FOOD	GL	BEAN VINES 30 MG/KG; CHERRIES, CITRUS FRUIT, PEACHES, 10 MG/KG; APPLES, APRICOTS, BLACKBERRIES, BLACKCURRANTS, BOYSEN BERRIES, CARROTS, DEWBERRIES, GOOSEBERRIES, GRAPES, LETTUCE, LOGANBERRIES, PEARS, RASPBERRIES, STRAWBERRIES, SUGARBET TOPS, TOMATOES 5MG/KG; POTATOES (WASHED) 3 MG/KG; BARLEY STRAW, CELERY, DRY BEANS, DWARF BEANS, GHERKINS, LIMA BEANS, MA NGOS, NECTARINES, PLUMS, PRUNES, PEANUT HAY, RICE STRAW, SNAP BEANS, WHEAT STRAW 2 MG/KG; ALMOND HULLS, BANANAS (WHOLE), MUSHROOMS 1 MG/KG; AVOCADOS, BANANAS (PULP), BARLEY, BRUSSELS SPROUTS, CUCUMBERS, MELONS, RICE, RYE, SQUASH, WHEAT 0.5 MG/KG; PEANUT HULLS 0.2 MG/KG; ALMONDS, COFFEE BEANS (RAW), EGGS (SHELL-FREE), MACADAMIA NUTS, MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, PECANS, SUGARBET 0.1 MG/KG. (CALCULATED AND EXPRESSED AS CARBENDAZIM)	-	APR1982	FPPDD	15.41, 1979
GBR	REG	USE	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -, 89, 1983	
GBR	REG	AIR	TLV	TWA : 10 MG/M3 STEL : 15 MG/M3		MCH1983	GNHSE* EH15/80,9, 1980	
JPN	REG	USE	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL1983	JPAGR* -, -,	
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.2-15.0 MG/KG.		SEP1982	GSKEN* 40,410,1978	
SUN	REG	AIR	PSL	0.01 MG/M3 (AEROSOL)		JUN1982	PKTV* -, -, 1978	
SUN	REG	FOOD	MRL			JUN1982	NIKDP* -, 512, 1978	
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 0.1-0.5 MG/KG (INCL. CARBENDAZIM AND 2-AMINO BENZIMIDAZOLE)		JUL1983	STLIF* 1978:34,1, 1978	
SWE	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.1 MG/KG (INCL. CARBENDAZIM AND 2-AMINO BENZIMIDAZOLE)		JUL1983	STLIF* 1979:16,1, 1979	
SWE	REG	USE	PRMT	AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPRISING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS		OCT1982	PFBEK* -, 84, 1982	
SWE	REG	SALE LABEL CLASS USE STORE	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).		OCT1982	PFBEK* -, 58, 1982	

USA	REC	AIR	OCC	TLV	TWA: 10 MG/M3 (0.8 PPM); STEL: 15 MG/M3 (1.3 PPM).	JAN1983	ACGIH* - ,9,1982
USA	REG	FOOD FEED		ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.1-50 MG/KG (INCL. ITS METABOLITES CONTAINING THE BENZIMIDAZOLE MOIETY). (AMENDED: FEREC 46,55693,1981; 47,31552,1982; 47,50872,1982)	APR1983	CFRUS* 40(180),152,1981
USA	REG	FEED USE		ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS : 20-125 MG/KG (INCL ITS METABOLITES CONTAINING THE BENZIMIDAZOLE MOIETY)	JUL1983	CFRUS* 21(561),523,1981
USA	REG	USE LABEL	AGRIC	RSTR RQR	REGISTRATIONS OF PESTICIDE PRODUCTS CONTAINING BENOMYL AND PACKAGED IN 5-POUND OR LARGER PACKAGES THE LABELS OF WHICH DO NOT PROHIBIT AERIAL APPLICATION WILL BE CANCELLED UNLESS THE FOLLOWING PRECAUTIONARY STATEMENT IS ADDED TO THE LABEL: 'HARMFUL IF INHALED. WEAR A CLOTH OR DISPOSABLE PAPER DUST MASK DURING HANDLING AND MIXING.' FURTHER TESTING IS ALSO REQUIRED.	19NOV1982	FEREAC 47,46747,1982
WHO	REC	USE FOOD		RQR	RECOMMENDED RATE OF APPLICATION TO WHEAT SEED - RECOMMENDED SAFETY MEASURES SUCH AS COLOURING, ADDITION OF ODOUR OR TASTE, LABELLING, TRANSPORTATION AND DISTRIBUTION OF DRESSED SEED.	DEC1982	WHOTAC 555,21,1974

DE0700000 THIABENDAZOLE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	USE	PRMT	0.3 MG/KG BW	AUG1981	MAY1982	SPPOR* -, -, 1981
FAO/WHO	REC	FOOD	ADI	TOMATOES 2 MG/KG.	-	MCH1983	FPPDD 37, 57, 1982
FAO/WHO	REC	FOOD	MRL	APPLES, CITRUS FRUIT, PEARS, SUGARBET TOPS	-	MCH1983	FPPDD 20, 77, 1980
FAO/WHO	REC	FOOD	MRL	10MG/KG; SUGARBET, SUGARBET PULP, POTATOES (WASHED BEFORE ANALYSIS) 5 MG/KG; BANANAS 3 MG/KG; SUGARBET MOLASSES 1 MG/KG; BANANAS (PULP) 0.4 MG/KG; RAW GRAIN 0.2 MG/KG; ONIONS, TOMATOES: 0.1 MG/KG; MEAT AND MEAT PRODUCTS OF CATTLE, GOATS, HORSES, PIGS AND SHEEP, MILK 0.1 MG/KG.	-	MCH1983	FPPDD 11, 36, 1978
FAO/WHO	REC	FOOD	MRL	(LIMITS ARE FOR THIABENDAZOLE ONLY.) STRAWBERRIES: 3.0 MG/KG. (THE MRL IS FOR THIABENDAZOLE)	-	MCH1983	FPPDD 37, 57, 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	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE	-	JUL1983	JPAGR* -, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.4-6.0 MG/KG.	1MCH1983	SEP1982	GSKEN* 40, 410, 1978
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 0.4-10MG/KG	-	JUL1983	STLIF* 1983:1,1, 1983
SWE	REG	USE	PRMT	AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPRISING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS	-	OCT1982	PFBEK* -, 84, 1982
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR 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).	-	OCT1982	PFBEK* -, 58, 1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.1-10 MG/KG. (AMENDED: FERAC 47, 898, 1982; 47, 28380, 1982; 47, 39488, 1982)	-	APR1983	CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.1-0.4 MG/KG (INCL. THIABENDAZOLE AND ITS METABOLITE 5-HYDROXYTHIABENDAZOLE). (AMENDED: FERAC 47, 39488, 1982)	-	APR1983	CFRUS* 40(180), 152, 1981
USA	REG	FEED USE	ARL	SPECIFIED ANIMAL FEED PRODUCTS : 3.5-150 MG/KG. (AMENDED: FERAC 47, 39479, 1982)	-	JUL1983	CFRUS* 21(561), 523, 1981
WHO	REC	USE	PRMT	RECOMMENDED RATE OF APPLICATION TO WHEAT SEED	-	DEC1982	WHOTAC 555, 21, 1974
WHO	REC	USE	RQR	RECOMMENDED SAFETY MEASURES SUCH AS COLOURING, ADDITION OF ODOUR OR TASTE, LABELLING, TRANSPORTATION AND DISTRIBUTION OF DRESSED SEED.	-		

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DE4200000		SACCHARIN					
DEU	REG	FOOD	RSTR	ACETIC ACID CONTAINING 5-25% WATER-FREE ACETIC ACID MAY CONTAIN SACCHARIN AS AN ADDITIVE WHEN THE ACETIC ACID IS SUPPLIED TO OPERATIONS WHICH PERFORM FURTHER PROCESSING.	30APR1972	MAY1982	BGBL** IS.2082, 2082, 1977
DEU	REG	LABEL	RQR	THE ADDITION OF SACCHARIN HAS TO BE INDICATED TOGETHER WITH THE PRODUCT NAME OF THE ACETIC ACID BY THE WORDS : "WITH THE SWEETENER SACC HARIN."	30APR1972	MAY1982	BGBL** IS.2082, 2082, 1977
EEC	REG	GOODS	PRMT MXL	PRESERVATIVE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL UNTIL 31 DEC EMBER 1985 ALLOW THE MARKETING OF COSMETIC PR ODUCTS CONTAINING THE PRESERVATIVE WITHIN THE LIMITS AND UNDER THE CONDITIONS LAID DOWN. HOWEVER THE SUBSTANCE MAY BE USED IN OTHER CO NCENTRATIONS FOR SPECIFIC PURPOSES APPARENT F ROM THE PRESENTATION OF THE PRODUCT.	31DEC1983	NOV1982	OJEC** 25(L167), 1, 1982
IND	REC	PACK LABEL	RQR	PACKING, LABELLING, STORAGE, ANALYSIS AND QUALITY STANDARDS FOR FOOD GRADE.		DEC1982	INDS** IS.6385, -, 1978
IND	REG	FOOD LABEL	RQR	NEITHER SACCHARIN NOR ANY OTHER ARTIFICIAL SWEETENER SHALL BE ADDED TO ANY ARTICLE OF FOOD, EXCEPT WHERE THE ADDITION OF SUCH ARTIFICIAL SWEETENER IS PERMITTED IN ACCORDANCE WITH THE STANDARDS LAID DOWN. WHERE ANY ARTIFICIAL SWEETENER IS ADDED TO FOOD, CONTAINERS OF SUCH FOOD SHALL BE LABELLED "... CONTAINS AN ADMIXTURE OF ... (THE NAME OF THE ARTIFICIAL SWEETENER)".	8JUL1968	DEC1982	PFAIN* -, 54, 1981
IND	REG		RQR	QUALITY STANDARDS FOR FOOD GRADE WITH LIMITS OF HARMFUL CONSTITUENTS		DEC1982	INDS** IS.6385, -, 1978
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS NON-NUTRITIVE SWEETENING AGENT. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	CSKEN* 40, 373, 1978
SWE	REG	FOOD SALE	RSTR RSTR	SWEETENERS WHICH CONTAIN SACCHARIN OR CYCLAMATE MAY NOT BE OFFERED FOR SALE WITHOUT PERMISSION FROM THE FOOD ADMINISTRATION. GENERAL PERMISSION TO OFFER FOR SALE APPLIES TO SWEETENERS WHICH AS SWEETENING COMPONENT CONTAIN ONLY SACCHARIN OR CYCLAMATE OR A MIXTURE THEREOF, AND WHOSE PACKAGINGS ARE LABELLED AS FOLLOWS: "THIS PRODUCT IS INTENDED FOR PERSONS WHO, FOR MEDICAL REASONS, SHOULD AVOID SUGAR. AN ADULT SHOULD NOT CONSUME MORE THAN (X) TABLETS (OR CORRESPONDING AMOUNT OF LIQUID OR POWDER) THE QUANTITY MAY NOT EXCEED 150 MG FOR SACCHARIN AND 250 MG FOR CYCLAMATE.	1JAN1981	OCT1982	STLIF* 1980:13, 3, 1980
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,		19NOV1980	JUL1983 CFRUS* 40 (261), 368, 1981

VII/113 (contd.)

56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,
1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU
IDANCE). (APPLIES TO SACCHARIN AND ITS SALTS)

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 SACCHARIN AND ITS SALTS)	22JUL1981 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); 47,36 097,1982; 48,2532,1983 (INTERIM); 48,11157,19 83 (ENFORCEMENT GUIDANCE). (APPLIES TO SACCHA RIN AND ITS SALTS)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD	PRMT MXL	PERMITTED, WITHIN CERTAIN LIMITS, TO BE USED IN OR ON CERTAIN ANIMAL PRODUCTS AS AN ARTIFI CIAL SWEETENER	JUL1983 CFRUS* 9(318,381), 201, 398, 1981
USA	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED IN FOOD ON AN INTERIM BASIS. (MAY BE USED AS A SWEETENING AGENT FO R DIETARY PURPOSES AT THE LEVELS AND IN ACCOR DANCE WITH THE CONDITIONS SPECIFIED). (AMENDE D: FERAC 47,11850,1982)	JUL1983 CFRUS* 21(180), 324, 1981
USA	REG	FOOD LABEL	RQR WARN	SPECIFIED RETAIL ESTABLISHMENTS (NOT RESTAURA NTS) SELLING FOOD THAT CONTAINS SACCHARIN MUS T DISPLAY A CERTAIN SIGN WARNING OF POSSIBLE HEALTH HAZARDS. MANUFACTURERS OF FOOD CONTAIN ING SACCHARIN MUST PROVIDE SUCH SIGNS FORMULATION AND LABELLING REQUIREMENTS ARE SP ECIFIED FOR DIET BEVERAGES CONTAINING SACCHAR IN OR SACCHARIN SALTS.	JUL1983 CFRUS* 21(101), 23, 1981
USA	REG	FOOD LABEL	RQR	UM OF SODIUM AND CALCIUM SACCHARIN.) 0.0-5.0 MG/KG BW INCLUDING CALCIUM SACCHARIN AND SODIUM SACCHARIN (5.0-15.0 MG/KG AS A CON DITIONAL ADI FOR DIETETIC FOOD ONLY).	JUL1983 CFRUS* 21(100), 5, 1981
WHO/FAO	REC	HUMAN FOOD	ADI		DEC1982 WHOTAC 653.34, 1980
WHO/FAO	REC	HUMAN FOOD	ADI		JAN1983 WHOTAC 383, 18, 1968

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DE455000		SACCHARIN, SODIUM SALT				
CSK	REG	HUMAN FOOD	MPG	LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS. MEMBER STATES SHALL UNTIL 31 DEC 1985 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 SPECIFIC PURPOSES APPARENT FROM THE PRESENTATION OF THE PRODUCT.	OCT1978	MAY1982 HPMZC* 43, -, 1978
EEC	REG	GOODS	PRMT MXL	PRESERVATIVE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL UNTIL 31 DEC 1985 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 SPECIFIC PURPOSES APPARENT FROM THE PRESENTATION OF THE PRODUCT.	31DEC1983	NOV1982 OJEC** 25(L167), 1, 1982
IND	REG	FOOD LABEL	RQR	NEITHER SACCHARIN NOR ANY OTHER ARTIFICIAL SWEETENER SHALL BE ADDED TO ANY ARTICLE OF FOOD EXCEPT WHERE THE ADDITION OF SUCH ARTIFICIAL SWEETENER IS PERMITTED IN ACCORDANCE WITH THE STANDARDS LAID DOWN. WHERE ANY ARTIFICIAL SWEETENER IS ADDED TO FOOD, CONTAINERS OF SUCH FOOD SHALL BE LABELLED "... CONTAINS AN ARTIFICIAL SWEETENER".	8JUL1968	DEC1982 PFAIN* -, 54, 1981
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS NON-NUTRITIVE SWEETENING AGENT. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.	SEP1982	GSKEN* 40, 373, 1978
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)). (APPLIES TO SACCHARIN AND ITS SALTS)	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: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO SACCHARIN AND ITS SALTS)	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: 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 SACCHARIN AND ITS SALTS)	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981

USA	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED IN FOOD ON AN INTERIM BASIS. (MAY BE USED AS A SWEETENING AGENT FOR DIETARY PURPOSES AT THE LEVELS AND IN ACCORDANCE WITH THE CONDITIONS SPECIFIED). (AMENDE D: FEREAC 47, 11850, 1982)	JUL1983 CFRUS* 21(180), 324, 1981
USA	REG	FOOD LABEL	RQR	FORMULATION AND LABELLING REQUIREMENTS ARE SPECIFIED FOR DIET BEVERAGES CONTAINING SACCHARIN OR SACCHARIN SALTS.	JUL1983 CFRUS* 21(100), 5, 1981
WHO/FAO	REC	HUMAN FOOD	ADI	0-2.5 MG/KG BW (TEMPORARY). (APPLIES TO THE SUM OF SODIUM AND CALCIUM SACCHARIN.)	DEC1982 WHOTAC 653, 34, 1980

DG1925000 AMIBEN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.1 MG/KG (PROVISIONAL TO PERANCES VALID UNTIL 31.12.1983)	AUG1981	AUG1982	PMSBR* 21-6MAY,-, 1981
CSK SUN	REG REG	USE AIR	AGRIC AMBI	PRMT MAC		MAY1982 JUN1982	SPPOR* -,-, 1981 PDKTY* -,-, 1978
SUN USA	REG REG	FOOD FOOD FEED	MRL ARL	0.01 MG/M3, 1X/D 0.006 MG/M3, AV/D RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR ODUCTS) : 0.1 MG/KG		JUN1982 APR1983	NIKDP* -, 512, 1978 CFRUS* 40(180), 152, 1981

007525000 DICAMBA

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FEED FOOD	AL AL	PASTURE : 40 MG/KG (PROVISIONAL TOLERANCE VAL ID UNTIL 31.12.1983) ("SECURITY" INTERVAL: 30 DAYS) MILK : 0.05 MG/KG (NON-INTENTIONAL RESIDUE). THE RESIDUES ARE CALCULATED AS THE SUM OF DICAMBA AND THE METABOLITE 3,6-DICHLORO-5-HYDROXY-0-ANTSIC ACID.	29MAY1981	AUG1982	MDCBB* -, -, 1981
CSK	REG	USE	AGRIC PRMT	PLANT (ALL) 0.05 MG/KG	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD LABEL PACK USE	MRL RQR RQR RSTR	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.	1AUG1978 1OCT1980	MCH1982 JUN1982	BGBL** IS.718,726,1978 BGBL** IS.2069,2069,1980
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 DICAMBA AND ITS SALTS). THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	JUN1982	OJEC**	L.360,1,1976
GBR	REG	LABEL PACK USE	RQR RQR PRMT	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976) APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	1SEP1978	JAN1983	GBRSI* 209,1,1978
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE		JUL1983	JPAGR* -, -,
SUN	REG	AQ	SURF	15.0 MG/L		JUN1982	PKTY* -, -, 1978
SWE	REG	AIR	OCC	CLV : 1.0 MG/M3 (AEROSOL)		JUN1982	PKTY* -, -, 1978
	REG	SALE LABEL CLASS USE STORE	PRMT RQR PRMT RQR	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PESTICIDE 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).		OCT1982	PFBEK* -, 58,1982
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-50% (LIQUID).		SEP1982	UNTDG* -, 183,1982
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	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.5-40 MG/KG (INCL. DICAMBA AND ITS METABOLITE 3,6-DICHLORO-5-HYDROXY-0-ANISIC ACID). (AMENDED: FERAC 48,11119,1983)		APR1983	CFRUS* 40(180),152,1981

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.

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)

RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS): 0.2-1.5 MG/KG (INCL. DICAMBA AND ITS METABOLITE 3,6-DICHLORO-2-HYDROXYBENZOIC ACID)

(SUGARCANE MOLASSES: 2 MG/KG (OF DICAMBA AND ITS METABOLITE 3,6-DICHLORO-5-HYDROXY-O-ANISIC ACID) FROM APPLICATION TO GROWING CROPS

RQR RSTR

EMI

AQ

REG

USA

RQR

EMI WASTE

AQ

REG

USA

16MCH1983 AUG1983 FEREAC 48, 11119, 1983

ARL

FOOD FEED

REG

USA

16MCH1983 AUG1983 FEREAC 48, 11113, 1983

ARL PRMT

FEED USE FOOD

REG

USA

0J2800000 ROTENONE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	MAK	5 MG/M3	1AUG1978	MCH1983	DFSK** XVIII,14,1982
DEU	REG	FOOD	MRL	FOR LABEL AND PACKAGING SEE EEC (OJEC**,L.360	10CT1980	MCH1982	BGBL** IS.718,736,1978
DEU	REG	LABEL	RQR	1.1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS), IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.		JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	PACK	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).			
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	PACK	RQR	,1,1976)			
GBR	REG	USE	RSTR	TWA : 5 MG/M3 STEL : 10 MG/M3 (APPLIES TO COMMERCIAL ROTENONE)		MCH1983	GNHSE* EH15/80,9,1980
JPN	REG	AIR	TLV	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUL1983	JPAGR* -, -,
JPN	REG	USE	AGRIC	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983	JPPDL* -, -,
JPN	REG	CLASS	RQR			JUL1983	JPPDC* -, -,
JPN	REG	CLASS	RSTR	4= PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (EXCEPT WHEN THE CONCENTRATION IS BELOW 2%)			
JPN	REG	CLASS	RQR	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	OCT1982	STNAF* 1978:5(PK:6),1,1978
SWE	REG	SALE	PRMT	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE NATIONAL 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).		OCT1982	PFBEK* -,58,1982
SWE	REG	LABEL	RQR				
SWE	REG	CLASS	PRMT				
SWE	REG	USE	RQR				
SWE	REG	STORE	RQR				
UN	REC	TRANSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-25% (SOLID) OR 100-6% (LIQUID).		SEP1982	UNTDG* -,183,1982
USA	REC	AIR	TLV	TWA: 5 MG/M3; STEL: 10 MG/M3 OF COMMERCIAL ROTENONE.		JAN1983	ACCIH* -,9,1982
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	REC	AIR	PEL	TWA: 5 MG/M3	JUN1974	APR1983	CFRUS* 29(1910),673,1981

DJ3675000 BENZO(A)PYRENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	USE AIR	PRO MAK	PROHIBITED IN COSMETICS CARCINOGENIC PYROLYSIS PRODUCT OF ORGANIC MAT ERIALS. NO MAK VALUE ESTABLISHED	JAN1971	MAY1982 MCH1983	HPMZC* 32, -, 1970 DFSK** XV111, 14, 1982
GBR	REC	AIR	TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN		MCH1983	GNHSE* EH15/80, 9, 1980
SUN	REG	AQ	SURF	0.005 UG/L		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	AMBI	0.000001 MG/M3, AV/D		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	MAC	CLV : 0.00015 MG/M3 (AEROSOL)	JAN1977	JUN1982	COSTS* 12.1.005, -, 1976
SWE	REG	AIR	MAC	TWA : 0.005 MG/M3 SKIN ABSORPTION, STEL : 0.0	1JAN1982	SEPT1982	AFS*** 1981:8, 9, 1981
USA	REC	AIR	TLV	3 MG/M3 CARCINOGENIC INDUSTRIAL SUBSTANCE SUSPECTED OF CARCINOGENI C POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVE LS CONSISTENT WITH THE ANIMAL AND HUMAN EXPE RIMENTAL DATA.	-	JAN1983	ACGIH* -, 9, 1982
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: FEREC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU IDANCE).	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 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))	22JUL1981	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: FEREC 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	AQ	EMI WASTE	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 EST OF THE FOLLOWING LEVELS: A) 100 UG/L, B)	18JUL1980	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: FEREAC 46, 35091, 1981; 46
, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

USA	REG	AIR	OCC	PEL		TWA: 0.2 MG/M3 (APPLIES TO SPECIFIED COAL TAR JUN1974 APR1983 CFRUS* 29(1910),673,1981 PLUGH VOLATILES). (AMENDED: FEREAC 48, 2764, 1983)
USA	REG	WASTE		CLASS		IN ACCORDANCE WITH THE LAW REQUIRING THE PRES 10DEC1982 JUN1983 FEREAC 47,31230,1982 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 BENZOPYRENE IS RATED AS A HIGHLY PERSISTENT COMPOUND POLYNUCLEAR AROMATIC HYDROCARBONS (INCLUDING BENZANTHRENES, BENZOPYRENES, BENZOFUORANTH ENE, CHRYSENES, DIBENZANTHRENES, AND INDENO PYRENES) ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATM ENT 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; 47,20554,1982; 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)
USA	REG	WASTE		CLASS		THE ANALYTICAL METHOD(S) WHICH SHOULD BE USED . WHEN DETERMINING WHETHER THIS SUBSTANCE IS CONTAINED IN A SOLID WASTE, IS SPECIFIED. (HP LG,GC/MS OR GC WITH FLAME-IONIZATION DETECTOR)
USA	REG	WASTE		RQR		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. (AMLN 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))
WHO	REC	AQ	DRINK	MXL		0.2 UG/L (THE LIMIT INCLUDES THE SIX POLYNUCL EAR AROMATIC COMPOUNDS: FLUORANTHENE; 3,4-BEN ZELUORANTHENE; 1,12-BENZFLUORANTHENE; 3,4-BE NZPYRENE; 1,12-BENZPERYLENE; AND INDENO(1,2,3 -CD)PYRENE.)
WHO	REC	AQ	DRINK	GL		0.01 UG/L

MCH1983 WHODW* -, 17, 1983

DK2625000 P-BENZOQUINONE; QUINONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR OCC LABEL - PACK - USE OCC	MAK RQR RQR RSTR	0.4 MG/M3 (0.1 ppm) FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360 , 1,1976). HANDLING OF SOME GROUPS OF CHEMICALS (S (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. 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 WATER (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).	10CT1980	MCH1983 JUN1982	DFSK** XVIII, 14, 1982 BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	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 WATER (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).	JUN1982		OJEC** L.360, 1, 1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 , 1,1976)	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REC	AIR OCC	TLV	TWA : 0.4 MG/M3 (0.1 PPM) STEL : 1.2 MG/M3 (0.3 PPM)		MCH1983	GMHSE* EH15/80, 9, 1980
SUN	REG	AIR OCC	MAC	CLV : 0.05 MG/M3 (VAPOUR)	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	AIR OCC	TLV	TWA : 0.4 MG/M3 (0.1 PPM) STEL : 1.5 MG/M3 (0.3 PPM)	1JAN1982	SEP1982	AFS*** 1981:8, 9, 1981
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	-	SEP1982	UNTDG* -, 9, 1982
USA	REC	AIR OCC	TLV	: 0.4 MG/M3 (0.1 PPM); STEL: 2 MG/M3 (0.3 PPM).		JAN1983	ACGIH* -, 9, 1982
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 PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FEREAC 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: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REC	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 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)).	22JUL1981	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 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

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USA
USA
REG AIR OCC
REG MANUF
PEL
RQR
TWA: 0.4 MG/M3 (0.1PPM)
MANUFACTURERS AND PROCESSORS OF QUINONE OR MI
XTURES CONTAINING THE SAME ARE REQUIRED TO SE
ND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AN
D SAFETY STUDIES AND LISTS OF ONGOING STUDIES
ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECI
FIED TIME PERIOD. REQUIREMENTS FOR SEARCH OF
COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERT
AIN STUDIES ARE EXEMPTED
JUN1974 APR1983 CFRUS* 29(1910).673,1981
4OCT1982 JUN1983 FEREAC 47,38780,1982

DS175000 BERYLLIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	OCT1978	MAY1982	HPMZC* 39, -, 1978
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REC	AIR	OCC	TRK		MCH1983	DFSK** XVIII, 56, 1982
DEU	REG	USE	OCC	RSTR	1OCT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	AIR	IMI	RQR		MAY1982	BGBL** IS.772,772,1980
EEC	REG	GOODS	PRO		1JAN1986	NOV1982	OJEC** 25(L167),1,1982
EEC	REG	MANUF USE	CLASS INDST RQR		8JAN1984	DEC1982	OJEC** L230,1,1982
EEC	REG	AQ	DRINK	MAC GL RQR	30AUG1982	JAN1983	OJEC** L229,11,1980

TWA : 0.001 MG/M3
 CLV : 0.002 MG/M3 (APPLIES TO BE AND ITS COMP
 OUNDS)
 BERYLLIUM AND ITS COMPOUNDS LISTED AS CARCINO
 GENIC WORKING MATERIALS - PROVEN IN ANIMAL EX
 PERIMENTS. NO MAK VALUE ESTABLISHED
 0.005 MG/M3 OF BERYLLIUM AND ITS COMPOUNDS (C
 ALCULATED AS BE IN TOTAL INHALABLE DUST) FROM
 GRINDING OF BERYLLIUM METAL AND ALLOYS. 0.00
 2 MG/M3 OF BERYLLIUM AND ITS COMPOUND ALLOYS
 (CALCULATED AS BE IN TOTAL INHALABLE DUST) FR
 OM OTHER ACTIVITIES.
 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%) (APPLIES TO BERYLLIUM AND ITS COMPO
 UNDS). THE USE AND HANDLING OF MATERIALS BEL
 ONGING TO GROUPS I AND II MUST BE REPORTED BY
 THE EMPLOYER TO THE AUTHORITIES. THE AUTHO
 RITIES 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.
 REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS
 REQUIRED THAT SECURITY MEASURES BE TAKEN IN
 SOME SPECIFIED INDUSTRIAL PLANTS AND FACILITIE
 S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS
 OF INCIDENTS DURING WHICH THE SUBSTANCE COULD
 BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE
 , AND CAUSE A PUBLIC DANGER. (APPLIES TO BER
 YLLIUM AND ITS COMPOUNDS.)
 SUBSTANCE WHICH MUST NOT FORM PART OF THE COM
 POSITION OF COSMETIC PRODUCTS. THE MARKET IN
 G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN
 CE IS PROHIBITED. (APPLIES TO BERYLLIUM AND
 ITS COMPOUNDS)
 LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES
 >= 10KG (OF BERYLLIUM POWDERS AND COMPOUNDS)
 IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZAR
 DS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERS
 ON IN CHARGE OF AN INDUSTRIAL ACTIVITY INVOLV
 ING, OR POSSIBLY INVOLVING, ONE OR MORE DANGE
 ROUS SUBSTANCES IS OBLIGED TO TAKE ALL THE ME
 ASURES NECESSARY TO PREVENT MAJOR ACCIDENTS,
 TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE E
 NVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHO
 RITY ABOUT THE INDUSTRIAL ACTIVITY
 MAC : -, GL : - REQUIREMENTS FOR MONITORING A
 ND ANALYSIS METHODS ARE LAID DOWN

EEC	REG	AQ	EMI	RSTR	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 I). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AN WHICH EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)	JAN1983	OJEC**	L129, 23, 1976
GBR	REC	AIR	OCC	TLV	TWA : 0.002 MG/M3 INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL	MCH1983	GNHSE*	EH15/80, 9, 1980
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (SUBSIDIARY RISK: INFLAMMABLE SOLID). PACKING GROUP: II = SUBSTANCE PRESENTING MEDIAN DANGER.	-	IMCOC*	4, 10003, 1977
JPN	REG	AIR	OCC	MAC	0.002 MG/M3	NOV1982	SAIGLB SUP23(5),	565, 1981
SUN	REG	AQ	SURF	MAC	0.0002 MG/L	JUN1982	PDKTV*	- , - , 1978
SUN	REG	AIR	DRINK	MAC	CLV : 0.001 MG/M3 (AEROSOL)	JUN1982	GOSTS*	2874-73, -, 1973
SUN	REG	AIR	OCC	MAC	(APPLIES TO BERYLLIUM AND ITS COMPOUNDS)	JUN1982	GOSTS*	12.1.005, -, 1976
SWE	REG	AIR	OCC	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	OCT1982	STNAF*	1978:5(PK:6), 1, 1978
SWE	REG	AIR	OCC	TLV	TWA : 0.002 MG/M3 WITH ITS COMPOUNDS AS BE.CA	22DEC1978	1JAN1982	1981:8, 9, 1981
UN	REC	TRNSP LABEL PACK		CLASS	RCINOGENIC SENSITIZATION (EXCEPT THE METAL) HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: II = SUBSTANCE PRESENTING MEDIAN DANGER.	-	UNTDC*	- , - , 9, 1982
UN	REC	TRNSP LABEL PACK		CLASS	(APPLIES TO BERYLLIUM COMPOUNDS). HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (SUBSIDIARY RISK: 4.1 = INFLAMMABLE SOLID) PACKING GROUP: II = SUBSTANCE PRESENTING MEDIAN DANGER.	-	UNTDC*	- , - , 9, 1982
USA	REC	AIR	OCC	TLV	(APPLIES TO BERYLLIUM POWDER). TWA: 0.002 MG/M3. 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.	JAN1983	ACCIH*	- , - , 9, 1982
USA	REC	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: FERECAC 46, 56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO BERYLLIUM DUST)	19NOV1980	CFRUS*	40(261), 367, 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: FERECAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO BERYLLIUM AND ITS COMPOUNDS)	JUL1983	CFRUS*	40(264), 455, 1981
USA	REC	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	19NOV1980	CFRUS*	40(261), 358, 1981

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 BERYLL
IUM AND ITS COMPOUNDS)

USA	REG	WASTE	RSTR	REG	WASTE	REG	WASTE	REG	WASTE	DATE	CFRUS*
										13JUL1981	APR1983 CFRUS* 40(264), 405/445, 1981
										18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI	RQR	WASTE	REG	AQ	EMI	RQR		
USA	REG	AIR	OCC	PEL		REG	AIR	OCC	PEL	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
USA	REG	USE	OCC	RQR		REG	USE	OCC	RQR	JUN1983	CFRUS* 29(1910), 555, 1981
USA	REG	AQ	EMI	RQR		REG	AQ	EMI	RQR	16OCT1973	MAY1983 CFRUS* 40(136), 298, 1981
USA	REG	AIR	EMI	MXL	WASTE	REG	AIR	EMI	MXL	APR1983	CFRUS* 40(61), 527, 1981
USA	REG	AIR	EMI	MXL		REG	AIR	EMI	MXL	APR1983	CFRUS* 40(61), 529, 1981
USA	REG	AIR	EMI	RQR		REG	AIR	EMI	RQR	MAY1983	CFRUS* 40(52), 30, 1981

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.

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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL BERYLLIUM)

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

TWA: 2 UG/M3; CLV: 5 UG/M3 (ACCEPTABLE), 25 UG/M3 (MAXIMUM 30 MIN.) (APPLIES TO BERYLLIUM AND BERYLLIUM COMPOUNDS)

VENTILATION REQUIREMENTS ARE SPECIFIED FOR CUTTING AND WELDING OPERATIONS INVOLVING MATERIALS 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 10 G OVER 24 HOURS (OR MEASURED AS AN AMBIENT CONC. LIMIT 0.01 UG/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 75 UG 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 PROPELLANT ARE COLLECTED IN A COLLECTOR TANK THE EMISSIONS SHALL NOT EXCEED 2 G/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 BERYLLIUM AND BERYLLIUM COMPOUNDS)

IES TO STATES WITH NON-APPROVED IMPLEMENTATIO
N PLANS FOR THEIR ATTAINMENT AREAS)

USA	REG	AIR	AMB EMI	RQR	CONSTRUCTION PERMIT, CONTROL TECHNOLOGY, AIR QUALITY ANALYSIS, MONITORING AND OTHER REQUIREMENTS ARE SPECIFIED FOR NEW AND MODIFIED STATIONARY SOURCES EMITTING BERYLLIUM 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(52),28,1981
USA	REG	AQ	EMI WASTE MXL	CLASS	BERYLLIUM 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: 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
WHO	REG	AQ	DRINK GL		NO GUIDELINE VALUE SET	MCH1983 WHODW* -,15,1983

DU8925000 4-AMINOBI PHENYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	OCC AIR	OCC MAK	CARCINOGENIC SUBSTANCE CARCINOGENIC WORKING MATERIAL (AS SHOWN THROUGH EXPERIENCE WITH HUMANS), NO MAK VALUE ESTABLISHED	JAN1981	MAY1982 MCH1983	HPM2C* 49, -, 1980 DFSK** XVIII, 14, 1982
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): <1.0-0.1 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 S HARMFUL SUBSTITUTE EXISTS. CERTAIN SECURITY MEASURES ARE LISTED WHICH THE EMPLOYER HAS TO FOLLOW.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	AIR	IMI	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	-	MAY1982	BGBL** IS.772,772,1980
ECC	REG	MANUF USE	CLASS PROST 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 AND THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967	8JAN1984	DEC1982	OJEC** L230,1,1982
GBR	REG	IMPRT	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 COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1% INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS	1APR1982	MCH1983	GNHSE* EH15/80,5,1980
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 COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1% INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS		MCH1983	GNHSE* EH15/80,5,1980
JPN	REC	AIR	OCC	CLASS		NOV1982	SAICLB SUP23(5),565,1981
SWE SWE	REG REC	OCC MANUF USE	CLASS PRO PRO PRO	CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. IT IS NOT PERMITTED TO MANUFACTURE, USE OR HANDLE THE SUBSTANCE.	22DFC1978 1JAN1982	OCT1982 SEP1982	SINAT* 1978:5(P4:6),1,1978 AFS*** 1981:8,25,1981

USA	REC	AIR	OCC	TLV	HUMAN CARCINOGEN. NO EXPOSURE OR CONTACT BY ANY ROUTE SHALL BE PERMITTED. (SKIN ABSORPTION)	JAN1983	ACGIH* - , 9, 1982
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))	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).	JUL1983	CFRUS* 40(261), 358, 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 AGENTS), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING	JUN1983	CFRUS* 29(1910), 684, 1981

DW2275000 PARAQUAT; PARAQUAT DICHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG BRA	REG REG	AIR FOOD FEED	MPC AL AL	TWA: 0.5 MG/M3 (SKIN ABSORPTION). PLANT (SPECIFIED) : 0.05-10 MG/KG; ANIMAL(SPE CIFIED) : 0.05-0.5 MG/KG; PASTURE : 5 MG/KG (22MAY1979 25SEP1981	MCH1982 AUG1982	ADECT* 351, MPARB* -, -, 1981
CSK	REG	HUMAN	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTE CTION	OCT1978	MAY1982	HPMZC* 43, *, 1978
CSK	REG	USE	CLASS PRMT	POISONOUS SUBSTANCE	JUL1967 AUG1981	MAY1982 MAY1982	SZCSR* 22, 217, -, 1967 SPPOR* -, -, 1981
DEU DEU DEU	REG REG REG	AIR FOOD LABEL PACK USE	MRL MRL RQR RQR RSTR	0.1 MG/M3 (CUTANEOUS ABSORPTION) PLANT (ALL) 0.05 MG/KG FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. T - TOXIC. (NOTE A). VERY TOXIC BY INHALATI ON, 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 UNW ELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW TH E LABEL WHERE POSSIBLE) (S 45). (APPLIES TO PARAQUAT AND ITS SALTS. THE CHEMICAL NAME MU ST BE STATED ON THE LABEL.) PLANT (GENERAL) : 0.05 MG/KG (EXPRESSED AS PA RAQUAT ION) SUNFLOWER MEAL (ANIMAL FEED COMPONENT) 2 MG/K G; SUNFLOWER OIL (CRUDE AND REFINED) 0.05 MG/ KG 0.002 MG/KG BW RICE (IN HUSK) 10 MG/KG; SUNFLOWER SEED 2 MG/ KG; OLIVES (FRESH) 1 MG/KG; KIDNEY OF SHEEP, CATTLE AND PIGS, RICE (POLISHED), SORGHUM 0.5 MG/KG; COTTONSEED, DRIED HOPS, PASSION FRUIT , POTATOES 0.2 MG/KG; MAIZE 0.1 MG/KG; COTTO NSEED OIL (REFINED) 0.05 MG/KG; FOOD COMMODI TIES OF PLANT ORIGIN OTHER THAN THOSE FOR WHI CH SPECIFIC RECOMMENDATIONS HAVE BEEN MADE, M EAT AND EDIBLE OFFALS OTHER THAN KIDNEY OF CA TTL, PIGS AND SHEEP 0.05 MG/KG; EGGS, MILK (WHOLE) 0.01 MG/KG. SOYBEANS: 0.2 MG/KG. (THE MRL IS FOR PARAQUAT CATION, METABOLITES ARE NOT INCLUDED). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976) APPROVED AS A CONTACT HERBICIDE. SPECIFIC USE S, LIMITATIONS AND SAFETY PRECAUTIONS ARE LIS TED	1AUG1978 1OCT1980	MCH1983 MCH1982 JUN1982	DFSK** XV11, 14, 1982 BGBL** IS.718, 740, 1978 BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR			JUN1982	OJEC** L.360, 1, 1976
EEC	REG	FOOD	MRL		1JUL1984	DEC1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD FEED	MRL			MCH1982	FPPDD 15, 38, 1979
FAO/WHO	REC	FOOD	ADI			MCH1983	FPPDD 37, 56, 1982
FAO/WHO	REC	FOOD	MRL			MCH1983	FPPDD 11, 32, 1978
FAO/WHO	REC	FOOD	MRL			MCH1983	FPPDD 37, 56, 1982
GBR	REG	LABEL PACK USE	RQR RQR PRMT		1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	USE	PRMT			MCH1983	APFG** -, 89, 1983

GBR	REG	CLASS SALE	OCC	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)	JAN1983	GBRSI*	217, 1, 1982
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)	JAN1983	GBRSI*	218, 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 TWA: 0.1 MG/M3 OF RESPIRABLE SIZES)	JAN1983	GBRSI*	218, 1, 1982
GBR	REC	AIR LABEL PACK	OCC	TLV	LABEL: "POISON" FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. (APPLIES TO PARAQUAT SALTS)	MCH1983	GNHSE*	EH15/80, 9, 1980
GBR	REC	TRNSP LABEL STORE		RQR		JAN1983	GBRSI*	217, 218, 1, 1982
GBR	REC	SALE LABEL 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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO PARAQUAT SALTS)	JAN1983	GBRSI*	218, 1, 1982
IMO	REC	TRNSP LABEL PACK	MARIN	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
IMO	REC	TRNSP LABEL PACK	MARIN	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
JPN	REG	USE	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A HERBICIDE	JUL1983	JPAGR*	-,-
JPN	REG	CLASS LABEL SALE		RQR	CLASS 2 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS POISONOUS BY CABINET ORDER (APPLIES TO PARAQUAT AND ITS SALTS)	JUL1983	JPPDC*	-,-
KEN	REG	FOOD		MXL	SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG.	SEP1982	GSKEN*	410, 410, 1978
SWE	REG	FOOD		CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE PLANT (SPECIFIED): 0.05-0.1 MG/KG	OCT1982	SINAF*	1978:5(PK:6), 1, 1978
SWE	REG	SALE LABEL		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).	22DEC1978		
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=40-4% (SOLID OR LIQUID).	1MCH1983		
USA	REC	AIR USE LABEL	OCC	TLV	TWA: 0.1 MG/M3 OF RESPIRABLE SIZES.	SEP1982	UNTDG*	- , 183, 1982
USA	REC	USE LABEL		RSTR	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	JAN1983	ACGIH*	- , 9, 1982
				RQR		APR1983	CFRUS*	40(162.31), 55, 1981

USE PESTICIDE" AND A SUMMARY OF THE TERMS OF
RESTRICTIONS

USA USA	REG REG	AIR FOOD FEED	OCC	PEL ARL	<p>TWA: 0.5 MG/M3, SKIN ABSORPTION RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN D ANIMAL PRODUCTS) : 0.01-5 MG/KG OF PARAQUAT DERIVED FROM APPLICATION OF THE BIS(METHYL S ULFATE) OR THE DICHLORIDE SALT, CALCULATED AS THE CATION. (AMENDED: FEREAC 46,51614,1981; 48,7737,1983; 48,13172,1983) SPECIFIED ANIMAL FEED PRODUCTS : 3-6 MG/KG OF PARAQUAT ION AFTER APPLICATION OF THE BIS (M ETHYL SULFATE) OR DICHLORIDE SALTS. (AMENDED: FEREAC 48,7730,1983)</p>	JUN1974	APR1983 CFRUS* 29(1910),673,1981 APR1983 CFRUS* 40(180),152,1981
USA	REG	FEED USE		ARL PRMT		JUL1983 CFRUS* 21(561),523,1981	

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 : 50.0 MG/M3 CLV : 100.0 MG/M3	OCT1978	MAY1982 HPMZC* 39,-,1978
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 36 MG/M3 (10 PPM) (CUTANEOUS ABSORPTION) {VP=26.7 KPA AT 20C}	JUN1982	KOIMM* 1,1B 1/12,1979
DEU	REC	AIR	OCC	MAX			MCH1983 DFSK** XVII,14,1982
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 250 G/KG (25.0 %).	10CT1980	JUL1982 BGBL** IS.2069,2069,1980
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	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 PREGNANT AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982 BGBL** IS.2069,2069,1980
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.)		JUN1982 OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -		RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983 GBRSI* 209,1,1978
GBR	REG	TRNSP LABEL		RQR RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE (APPLIES TO INHIBITED CHLOROPRENE)	28MCH1979	JAN1983 GBRSI* 1702,1,1978
GBR IMO	REG REC	AIR TRNSP LABEL PACK	OCC MARIN CLASS	TLV CLASS	TWA : 36 MG/M3 (10 PPM) SKIN ABSORPTION HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED CHLOROPRENE)		MCH1983 GRNISE* EH15/80,9,1980 SEP1982 IMCOC* 4,10003,1977
SUN SUN	REG REG	AQ AIR	SURF OCC	MAC MAC	0.1 MG/L CLV : 0.05 MG/M3 (VAPOUR)	JAN1977	JUN1982 PDKTV* -,1,1978 JUN1982 GOSTS* 12.1.005,-,1976

SWE	REG	AIR	OCC	TLV	TWA : 35 MG/M3 (10 PPM) SKIN ABSORPTION STEL : 60 MG/M3 (15 PPM)	1JAN1982	SEP1982 AFS***	1981:8,9,1981
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDI DIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO THE INHIBITED SUBSTANCE)	-	SEP1982 UNTDC*	-,9,1982
USA	REC	AIR	OCC	TLV	TWA: 45 MG/M3 (10 PPM) (SKIN ABSORPTION).	JUN1974	JAN1983 ACGIH*	-,9,1982
USA	REG	AIR	OCC	PEL	TWA: 90 MG/M3 (25PPM), SKIN ABSORPTION.		APR1983 CFRUS*	29(1910),673,1981
USA	REC	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

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
GBR	REC	AIR	OCC	TLV	INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. (INTENDED CHANGES : TWA : 0.24 MG/M3 (0.02 PPM) INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN)	MCH1983	GNHSE* ER15/80.9,1980
SUN	REG	AIR	AMB1	MAC	0.001 MG/M3 , 1X/D	JUN1982	PKTV* -, -,1978
SUN	REG	AQ	SURF	MAC	0.01 MG/L	JUN1982	PKTV* -, -,1978
SUN	REG	FOOD		MRL	LIMITS	JUN1982	NIKDP* -,512,1978
SWE	REG	TRNSP LABEL		CLASS	CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978	OCT1982 STNAF* 1978:5(PK:6),1,1978
UN	REG	PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER.	-	SEP1982 UNTDG* -,9,1982
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: 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))	22JUL1981	JUL1983 CFRUS* 40(264),455,1981
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: 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
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 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 APP	18JUL1980	MAY1983 CFRUS* 40(122.53),121,1981

VII/136 (contd.)

LICATION, 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	IN ACCORDANCE WITH THE LAW REQUIRING THE PRES	10DEC1982	JUN1983	FEREAC	47,31230, 1982	
				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, HEXACHLORO- 1,3-BUTADIENE IS RATED AS A HIGHLY PERSISTENT COMPOUND					
USA	REG	MANUF	RQR	MANUFACTURERS AND PROCESSORS OF HEXACHLORO-1, 3-BUTADIENE OR MIXTURES CONTAINING THE SAME A RE REQUIRED TO SEND TO EPA COPIES OF ANY UNPU BLISHED HEALTH AND SAFETY STUDIES AND LISTS O F ONGOING STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMEN TS FOR SEARCH OF COMPANY FILES (NOT PRIOR TO 1 JAN 1980). CERTAIN STUDIES ARE EXEMPTED HEXACHLOROBUTADIENE IS AMONG OTHERS CLASSIFIE D AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIR ED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRI ES.	40CT1982	JUN1983	FEREAC	47, 38780, 1982	
USA	REG	AQ	EMI WASTE MXL	(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) 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) 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))			JUL1983	CFRUS* 40(403), 8, 1981	
USA	REG	WASTE	RQR				APR1983	CFRUS* 40(261), 376, 1981	
USA	REG	WASTE	CLASS RSTR RQR				APR1983	CFRUS* 40(261), 362, 378, 1981	

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EL6475000	BUTANONE						
BRA	REG	AIR	AL	460 MG/M3 (155 PPM) (FOR 48H/WK) (HAZARDOUS D EGREE : MEDIUM)		AUG1982	SMTBR* 3,144,1980
CSK	REC	AIR	AMBI	0.3 MG/M3, AV/0.5 H		MAY1982	AHEM** SUPPL. 6,-,1975
DEU	REG	AIR	EMI	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST N OT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLA SS 1 : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C LASS 11 : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS 111 : 300 MG/M3 AT A MASSFLOW OF > 6 K G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE P RESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS 111		JUN1982	KOIMM* 1,18 1/12,1979
DEU	REG	AIR	OCC	590 MG/M3 (200 PPM) (VP=10.5 KPA AT 20C)	10CT1980	MCH1983	DFSK** XVIII,14,1982
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC**,L.360		JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	PACK	RQR	LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,			
DEU	REG	USE	RSTR	EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.			
EEC	REG	LABEL	RQR	F - FLAMMABLE. HIGHLY FLAMMABLE (R 11). KEE P CONTAINER IN A WELL-VENTILATED PLACE (S 9).		JUN1982	OJEC** L.360,1,1976
GBR	REG	PACK	RQR	KEEP AWAY FROM SOURCES OF IGNITION - NO SMOK ING (S 16). DO NOT BREATHE GAS/FUMES/VAPOUR/ SPRAY (ADD. P.954 - S 23). TAKE PRECAUTIONAR Y MEASURES AGAINST STATIC DISCHARGES (S 33).			
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	TRNSP	RQR	1,1976)		JAN1983	GBRSI* 1702,1,1978
GBR	REG	LABEL	RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2(Y)E			
GBR	REG	AIR	OCC	TWA : 590 MG/M3 (200 PPM) STEL : 885 MG/M3 (3 00 PPM)		MCH1983	GNHSE* EH15/80,9,1980
IMO	REC	TRNSP	MARIN	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.		SEP1982	IMCOC* 4,10003,1977
IMO	REC	TRNSP	MARIN	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.		SEP1982	IMCOC* 4,10003,1977
JPN	REC	AIR	OCC	590 MG/M3 (200 PPM)		NOV1982	SAIGLB SUP23(5),565,1981
JPN	REC	LABEL	RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS DELETERIOUS BY CABINET ORDER		JUL1983	JPPDC* -, -,
SUN	REG	AQ	SURF	1.0 MG/L		JUN1982	PKTY* -, -,1978
SWE	REG	AIR	OCC	TWA : 300 MG/M3 (100 PPM) STEL : 600 MG/M3 (2 00 PPM)	1JAN1982	SEP1982	AFS*** 1981:8,9,1981
UN	REC	TRNSP	LABEL	HAZARD CLASS: 3 = INFLAMMABLE LIQUID		SEP1982	UNTDG* -,9,1982
USA	REC	AIR	OCC	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER. TWA: 590 MG/M3 (200 PPM); STEL: 885 MG/M3 (3 00 PPM).		JAN1983	ACGIH* -,9,1982

USA	REG	WASTE	CLASS	DESCRIPTION	DATE	CFRUS*
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	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	40(264), 455, 1981
USA	REG	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: 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	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	40(180, 1001), 258, 1981
USA USA	REG REG	AIR AIR USE OCC OCC	PEL RSTR	TWA: 590 MG/M3 (200 PPM) 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.)	JUN1974 APR1983 JUN1983	29(1910), 673, 1981 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	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	4OCT1982	JUN1983 FEREAC 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. A CRITERION FOR ESTABLISHING THE RELATIVE R	10DEC1982	JUN1983 FEREAC 47, 31319, 1982

ISK OR DANGER IS THE CHARACTERISTICS OF WASTE
S IN A GIVEN FACILITY. FOR EXAMPLE, FOR METHYL
L ETHYL KETONE THE TOXICITY VALUE IS 2, THE P
ERSISTENCE VALUE IS 0, THE IGNITABILITY VALUE
IS 3 AND THE REACTIVITY VALUE IS 0

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(175), 114, 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, PACKING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD. MAY BE FORMULATE D FROM THIS SUBSTANCE. (AS AN ADJUVANT)	JUL1983	CFRUS* 21(175), 130, 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
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. (AMEN DED : FEREAC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56388, 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/FAO	REC	HUMAN FOOD	ADI	NO ADI ALLOCATED.	DEC1982	WHFAAC 16, 6, 1981

E03325000 2-AMINOBUTANE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	OF ANIMALORIGIN (SPECIFIED) : 1.0 MG/KG WWT OF ANIMALORIGIN (GENERAL) : 0.01 MG/KG WWT	28FEB1979	MAY1982	BGBL** IS.1525, 1525, 1978
DEU	REC	AIR OCC	MAK	15 MG/M3 (5 PPM) (ALL ISOMERS) (CUTANEOUS ABSORPTION)		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	FOOD LABEL - PACK - USE	MRL	PLANT (SPECIFIED) 0.5-30.0 MG/KG. FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	01AUG1978	MCH1982	BGBL** IS.718, 720, 1978
DEU	REG	FOOD LABEL - PACK - USE	RQR	,1,1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)	10CT1980	JUN1982	BGBL** IS.2069, 2069, 1980
DEU	REG	FOOD LABEL - PACK - USE	RSTR	IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.			
EEC	REG	LABEL PACK	RQR	F - FLAMMABLE. XI - IRRITANT. HIGHLY FLAMMABLE (R 11). IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13)		JUN1982	OJEC** L.360, 1, 1976
EEC	REG	LABEL PACK	RQR	. KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). DO NOT EMPTY INTO DRAINS (S 29)			
FAO/WHO	REC	FOOD	ADI	0.1 MG/KG BW OF FREE AMINE (TEMPORARY UNTIL 1984).		MCH1983	FPPDD 37, 53, 1982
FAO/WHO	REC	FOOD	MRL	DRIED CITRUS PULP 100 MG/KG		MCH1982	FPPDD 26, 67, 1981
FAO/WHO	REC	FOOD	MRL	KIDNEY OF CATTLE AND GOATS 3 MG/KG; MILK 1 MG/KG; LIVER OF CATTLE AND GOATS 0.2 MG/KG; MILK PRODUCTS - MRL WITHDRAWN		MCH1982	FPPDD 20, 70, 1980
FAO/WHO	REC	FOOD	MRL	DRIED CITRUS PULP, CITRUS MOLASSES 50 MG/KG; CITRUS FRUIT 30 MG/KG; KIDNEY AND LIVER OF CATTLE, GOATS, PIGS AND SHEEP 2 MG/KG; CITRUS JUICE, MILK AND MILK PRODUCTS 0.5 MG/KG; MEAT OF CATTLE, GOATS, PIGS AND SHEEP 0.1 MG/KG (EXPRESSED AS THE FREE BASE)		MCH1982	FPPDD 11, 10, 1978
GBR	REG	LABEL - PACK - USE	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	LABEL - PACK - USE	RQR	1,1976)		MCH1983	APFG** -, 89, 1983
SWE	REG	FOOD	MTG	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		JUL1983	STLIF* 1983:1, 1, 1983
USA	REG	FOOD	CLASS	CITRUS FRUITS : 30 MG/KG	1MCH1983	MAY1983	CFRUS* 40(116), 33, 1981
USA	REG	FOOD	CLASS	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	FOOD	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 MORE THAN 454 KG (OF BUTYLAMINE) IN ANY 24-HOUR PERIOD, SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.			

USA	REG	FOOD	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN	APR1983	CFRUS*	40(180), 152, 1981
USA	REG	FEED	ARL	D ANIMAL PRODUCTS) : 0.75-30 MG/KG			
		FEED	ARL	SPECIFIED ANIMAL FEED PRODUCTS : 90 MG/KG	JUL1983	CFRUS*	21(561), 523, 1981
		USE	PRMT				

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ESB575000	MCPB						
CSK DEU	REG	USE FOOD	AGRIC	PRMT MRL	AUG1981	MAY1982	SPPOR* - , 1981
					1AUG1978	MCH1982	BGBL** (S. 718, 732, 1978
DEU	REG	LABEL - PACK - USE OCC	RQR	RQR	10CT1980	JUN1982	BGBL** (S. 2069, 2069, 1980
EEC	REG	LABEL PACK	RQR	RQR		JUN1982	OJEC** L. 360, 1, 1976
GBR	REG	LABEL - PACK - USE	RQR	RQR	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
SUN UN	REG	FOOD TRANSP LABEL PACK FOOD FEED	MRL	CLASS		JUN1982	NIKDP* - , 512, 1978
USA	REG		ARL			SEP1982	UNTDG* - , 183, 1982
						APR1983	CFRUS* 40(180), 152, 1981

PLANT(ALL) 0.1 MG/KG (INCL. MCPB SALTS, MCPB ESTERS, MCPA, MCPA SALTS AND MCPA ESTERS, CAL 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 PREGNANTS AND IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.
 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 MCPB AND ITS SALTS AND ESTERS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L. 360, 1, 1976)
 APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
 PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AT=100-30% (LIQUID).
 RAW AGRICULTURAL PRODUCTS (PEAS) : 0.1 MG/KG

EU9800000 CADMIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG	REG AQ	EMI PL	MAC	INDUSTRIAL EFFLUENTS - PERMISSIBLE LIMIT: 0.1 MG/L LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, APPLIES ALSO TO COMPOUNDS	MCH1982	ADECP* 2125,-,
CSK	REG HUMAN FOOD	MPC	MAC	0.3 MG/L APPLIES ALSO TO COMPOUNDS	MAY1982	HPMZC* 43,-,1978
CSK	REG AQ	SURF	MAC	0.01 MG/L APPLIES ALSO TO COMPOUNDS	MAY1982	SZCSR* 9,125,1975
CSK	REG AQ	DRINK	MAC	APPLIES ALSO TO COMPOUNDS	MAY1982	CSNOR* 830611,-,1974
CSK	REG AQ	SURF	MAC	DRINKING WATER RESERVE : 0.01 MG/L APPLIES ALSO TO COMPOUNDS	MAY1982	SZCSR* 9,125,1975
CSK	REC AIR	AMBI	MAC	0.003 MG/M3, AV/D PROHIBITED IN COSMETICS (APPLIES TO CADMIUM AND ITS COMPOUNDS)	MAY1982	AHEM** SUPPL. 6,-,1975
CSK	REG USE	PRO	PRO	0.01 MG/M3, AV/0.5 H (INORGANIC COMPOUNDS) PROHIBITED IN COSMETICS (APPLIES TO CADMIUM A ND ITS COMPOUNDS)	MAY1982	HPMZC* 32,-,1970
DEU	REC AIR	OCC	MAK	0.05 MG/M3 (CADMIUM AND ITS COMPOUNDS AS CD). SUSPECTED AS BEING A CARCINOGENIC WORKING MA TERIAL. THE MAK VALUE IS THEREFORE TENTATIVE LY RETAINED.	MCH1983	DFSK** XV111,14,1982
DEU	REG FOOD	MRL	MAC	PLANT(ALL) 0 MG/KG (NATURAL OCCURRENCE NOT IN CLUDED) (APPLIES TO CADMIUM COMPOUNDS)	MCH1982	BGBL** IS.718,740,1978
DEU	REG AQ	DRINK	MPC	0.006 MG/L (0.05 MMOL/M3) (CALCULATED AS CD)	NOV1982	BGBL** I.S.764,764,1980
EEC	REG AQ	DRINK	MAC	MAC : 5 UG CD/L, GL :- (ATOMIC ABSORPTION) RE QUIREMENTS FOR MONITORING AND ANALYSIS METHOD S ARE LAID DOWN	JAN1976	
EEC	REG GOODS	RQR	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COM POSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN CE IS PROHIBITED. (APPLIES TO CADMIUM AND IT S COMPOUNDS).	NOV1982	OJEC** 25(L167),1,1982
GBR	REC AIR	OCC	TLV	TWA : 0.05 MG/M3 (INCLUDING CADMIUM DUST AND SALTS, AS CD) STEL : 0.2 MG/M3	MCH1983	GNHSE* EH15/80,9,1980
JPN	REC AIR	OCC	MAC	ENVIRONMENTAL WATER QUALITY STANDARD : < 0.01 MG/L AS AN ABSOLUTE MAXIMUM VALUE	NOV1982	SAIGLB SUP23(5),565,1981
JPN	REC AQ	AMBI	MXL	EFFLUENT STANDARD : 0.1 MG/L OF CADMIUM AND I TS COMPOUNDS	DEC1982	QEJPN* -,385,1981
JPN	REC AQ	EMI	MPC	EMISSION STANDARD FOR SPECIFIED FACILITIES : 1.0 MG/M3 OF CADMIUM AND ITS COMPOUNDS	DEC1982	QEJPN* -,400,1981
JPN	REC AIR	EMI	MXL	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO CADMIUM COMPOUNDS)	DEC1982	QEJPN* -,390,1981
JPN	REG CLASS LABEL	CLASS LABEL	GLASS LABEL	0.01 MG/L IN ESTUARIES	JUL1983	JPPDC* -,,-,
MEX	REG AQ	AMBI	MPC	0.001 MG/L IN COASTAL WATERS	27JUN1973	DOMEX** 29 MCH,1167,1973
MEX	REG AQ	AMBI	MPC	1) 0.01 MG/L IN RECEIVING WATERS USED FOR DRI NKING WATER SUPPLY WITH CONVENTIONAL TREATMEN T AS WELL AS WITH DISINFECTION ONLY, AND RECR EATION	27JUN1973	DOMEX** 29 MCH,1167,1973
MEX	REG AQ	AMBI	MPC	2) 0.01 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES	27JUN1973	DOMEX** 29 MCH,1167,1973
MEX	REG AQ	AMBI	MPC	3) 0.005 MG/L IN RECEIVING WATERS SUITABLE FO R AGRICULTURAL OR INDUSTRIAL PURPOSES	27JUN1973	DOMEX** 29 MCH,1167,1973

NCE. 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 TOTAL CADMIUM)
(AMENDED: FEREAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).

USA	REG	AIR	OCC	PEL		JUN1974	APR1983	CFRUS* 29(1910), 673, 1981
					TWA: 0.2 MG/M3 OF CADMIUM DUST; CLV:0.6 MG/M3 OF CADMIUM DUST. THA: 0.1 MG/M3 OF CADMIUM FUME; CLV: 0.3MG/M3 OF CADMIUM FUME			
USA	REG	MANUF		RQR	REQUIREMENTS CONCERNING ELECTROLYTIC CELLS USED IN THE PRODUCTION OF THIS SUBSTANCE ARE SPECIFIED		JUN1983	CFRUS* 29(1910), 644, 1981
USA	REG	USE	OCC	RQR	VENTILATION REQUIREMENTS ARE SPECIFIED FOR CUTTING AND WELDING OPERATIONS INVOLVING MATERIALS OR METALS WHICH CONTAIN THIS SUBSTANCE		JUN1983	CFRUS* 29(1910), 555, 1981
USA	REG	USE LABEL	OCC	RQR	WELDING FILLER METAL CONTAINING A SIGNIFICANT AMOUNT OF CADMIUM MUST CARRY FOLLOWING NOTICE ON ITS CONTAINER: WARNING-CONTAINS CADMIUM		JUN1983	CFRUS* 29 (1910), 554, 1981
USA	REG	QA	EMI	RQR	- POISONOUS FUMES MAY BE FORMED ON HEATING WHENEVER THE SUBSTANCE IS REQUIRED TO BE MELTED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED(ATOMIC ABSORPTION OR COLORIMETRY PRECEDED BY DIGESTION FOR TOTAL CADMIUM AND BY 0.45 MICRON FILTRATION FOR DISSOLVED CADMIUM)	16OCT1973	MAY1983	CFRUS* 40(136), 298, 1981
USA	REG	OCC		RQR	RESPIRATORS OR LOCAL EXHAUST VENTILATION ARE REQUIRED FOR ALL OPERATIONS INVOLVING THE IMMERSION OF MATERIALS IN LIQUIDS OR THEIR VAPORS FOR CLEANING, FINISHING, ETC. (OPEN SURFACE TANK OPERATIONS), IF MAINTENANCE WORK REQUIRING AN OPEN FLAME IS UNDERTAKEN WHERE THERE MAY BE TOXIC FUMES OF THE SUBSTANCE (OR OTHER TOXIC METAL FUMES)		JUN1983	CFRUS* 29(1910), 174, 1981
USA	REG	QA	DRINK	MPC	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.01 MG/L OF CADMIUM. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)		MAY1983	CFRUS* 40(141), 309, 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	QA	EMI WASTE	CLASS MXL	CADMIUM 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.		JUL1983	CFRUS* 40(403), 8, 1981
					(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)			
USA	REG	GOODS LABEL		RQR	(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983) SOLDER KITS, IF THE SOLDER IS CADMIUM-FREE AND IF OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM LABELLING REQUIREMENTS UNDER THE HAZARDOUS PRODUCT REGULATION		JUL1983	CFRUS* 16(1500), 332, 1982

USA	REG	AQ	EMI	RSTR	DESCRIPTION	DATE
USA	REG	AQ	EMI	RSTR	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 CONTROL ACT 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 FERAC 47,31180,1982)	JUL1983 CFRUS* 40(1510),525,1981
USA	REG	AQ	DRINK	MPC	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.01 MG/L	JUL1983 CFRUS* 21(103),52,1981
USA	REG	FOOD		MPC	THE FOOD ADDITIVE BAKERS YEAST PROTEIN : 0.1 MG/KG	JUN1983 CFRUS* 21(172),37,1981
USA	REG	FOOD		MPC	THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 30 MG/KG (OF HEAVY METALS)	JUN1983 CFRUS* 21(173),114,1981
USA	REG	FOOD		MPC	THE FOOD ADDITIVE BAKERS YEAST GLYCAN, WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 0.13 MG/KG OF THIS SUBSTANCE	JUN1983 CFRUS* 21(172),23,1981
USA	REG	FOOD GOODS		MPC	SPECIFIED FOOD COLOURING AGENTS : - SPECIFIED DRUG COLOURING AGENTS : 15 MG/KG SPECIFIED COSMETIC COLOURING AGENTS : 15MG/KG	MAY1983 CFRUS* 21(73),240-265,1981
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. (AT OMC 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	DRINK	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	AQ	MARIN EMI	MPC	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		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 : FERAC 46,35246,1981; 46,40154,1981; 46,44972,1981; 46,47429,1981; 46,56588,1981; 46	APR1983 CFRUS* 40(261),362,378,1981

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.61273, 1981; 47,36097, 1982; 47,52668, 1982; 48
; 2532, 1983 (INTERIM) ; 48,11157, 1983 (EN
FORCEMENT GUIDANCE)

WHO	REC	AQ	DRINK	MXL	0.01 MG/L (DITHIZONE METHOD) (TENTATIVE LIMIT -	DEC1982	WHISD*	3, 32, 1971
WHO	REC	AIR	OCC	MXL	TWA: 10 UG/M3 OF CADMIUM FUMES AND RESPIRABLE - DUST (TENTATIVE). BIOLOGICAL LIMITS OF 5 UG CD/L WHOLE BLOOD, AND 5 UG CD/G CREATININE IN URINE ARE ALSO RECOMMENDED.	DEC1982	WHOTAC	647, 3, 1980
WHO WHO/FAO	REC REC	AQ HUMAN FOOD	DRINK	GL AWI	0.005 MG/L PROVISIONAL TOLERABLE WEEKLY INTAKE: 0.4-0.5 MG/PERSON, OR 6.7-8.3 UG/KG BW.	MCH1983 JAN1983	WHODW* WHFAAC	-, 15, 1983 4, 7, 1972

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EV0175000		CADMIUM CHLORIDE					
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	01OCT1980	JAN1983	BCBL** IS.2069,2069,1980
EEC	REG	LABEL PACK		RQR RQR	-	JAN1983	OJEC** L.88,1,1979
GBR	REG	LABEL PACK		RQR RQR	-	JAN1983	GBRSI* 792,1,1981
SWE	REG			CLASS	22DEC1978	OCT1982	STNAF* 1978:5(PK:6),1,1978
SWE	REC			CLASS	22DEC1978	NOV1979	SINAF* 5,-,1978
USA	REG	AQ	EMI	HARMQ	12JUN1978	NOV1979	FEREAC 43,10489,1978
USA	REC	AIR	OCC	TLV	12JUN1978	NOV1979	FEREAC 43,10489,1978
USA	REG	AQ	EMI	CLASS		JAN1983	ACGIH* -,9,1982
USA	REG	AQ	EMI	RQR RSTR		MAY1983	CFRUS* 40(116),33,1981

CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88, 1, 1979). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.

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

FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88, 1, 1979).

GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE

POISONOUS SUBSTANCE

45.4KG/24H

HAZARDOUS SUBSTANCE

TWA: 0.05 MG/M3; STEL: 0.2 MG/M3 (WITH CADMIUM DUST AND OTHER CADMIUM SALTS, CALCULATED AS Cd).

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 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.

EV0260000 CADMIUM COMPOUNDS

AREA	TYPE	SUBJECT	OCC	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	0.05 MG/M3 (CADMIUM AND ITS COMPOUNDS AS CD). SUSPECTED AS BEING CARCINOGENIC WORKING MATERIALS. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	FOOD		MRL	PLANT(ALL) 0 MG/KG (NATURAL OCCURRENCE NOT INCLUDED)	1AUG1978	MCH1982	BGBL** IS.718, 740, 1978
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 HARMFUL WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 1 G CD/KG (0.1%) .	1OCT1980	JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL		RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88 , 1, 1979). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.	01OCT1980	JAN1983	BGBL** IS.2069, 2069, 1980
EEC	REG	GOODS		PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETTING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED. (APPLIES TO CADMIUM AND ITS COMPOUNDS).	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982
EEC	REG	LABEL		RQR	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 EXCEPTION OF CADMIUM SULPHIDE (CDS), CADMIUM SULPHOSULPHIDE (XCS), MIXTURE OF CADMIUM SULPHIDE WITH ZINC SULPHIDE (XZDS.ZNS), AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE)		JAN1983	OJEC** L.88, 1, 1979
FAO/WHO	REC	AIR	HUMAN	AWI	400-500UG (PROVISIONAL)		NOV1979	EPAMA* -, 111, 1974
GBR	REG	LABEL	EMI	RQR	0.017 GRAINS/FT3 (38.9MG/M3)		NOV1979	EPAMA* -, 111, 1974
GBR	REG	PACK		RQR	FOR LABEL AND PACKAGING, SEE EEC (OJEC** L.88 , 1, 1979).		JAN1983	GBRSI* 792, 1, 1981
GBR	REC	AIR	OCC	TLV	TWA : 0.05 MG/M3 (INCLUDING CADMIUM DUST AND SALTS, AS CD) STEL : 0.2 MG/M3		MCH1983	GNHSE* EH15/80, 9, 1980
JPN	REG	AQ	EMI	MPC	EFFLUENT STANDARD : 0.1 MG/L OF CADMIUM AND ITS COMPOUNDS		DEC1982	QEJPN* -, 400, 1981
JPN	REG	AIR	EMI	MXL	EMISSION STANDARD FOR SPECIFIED FACILITIES :		DEC1982	QEJPN* -, 390, 1981
JPN	REG	CLASS LABEL SALE		RQR	1.0 MG/M3 OF CADMIUM AND ITS COMPOUNDS		JUL1983	JPPDC* -, -, -
MEX	REC	AQ	AMB	MPC	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER		OCT1982	DOMEX* 29 MCI, 1167, 1973
					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			

Country	Reg No	Reg Title	Reg Type	Reg Date	Reg Description	Reg Date	Reg Description
SWE	REC AIR	TLV	OCC	1JAN1982	0.02 MG/M3 OF RESPIRABLE DUST OR, 0.05 MG/M3 OF TOTAL DUST OF CADMIUM AND ITS ORGANIC COMPOUNDS, AS CD. CARCINOGENIC.	SEP1982	AFS*** 1981:8, 9, 1981
SWE	REC AIR	ML	OCC	NOV1979			
SWE	REG USE SALE	TWA PRO		1JUL1980	CADMIUM COMPOUNDS MAY NOT BE USED FOR SURFACE TREATMENT, AS A STABILIZER OR AS A COLOURING AGENT, PRODUCTS WHOSE SURFACE HAS 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 EXEMPTIONS FROM THE PROVISIONS. DEVIATIONS FROM THE BAN ON THE USE OF CADMIUM COMPOUNDS FOR SURFACE TREATMENT, AS A STABILIZER OR AS A COLOURING AGENT ARE LISTED.	OCT1982	SVENF* 1980:84, 1, 1980
SWE	REG USE	PRO		1JUL1982	COMPOUNDS FOR SURFACE TREATMENT, AS A STABILIZER OR AS A COLOURING AGENT ARE LISTED.	OCT1982	STNAF* 1981:5(PK13), 1, 1981
UN	REC TRNSP LABEL PACK	CLASS		-	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: - (APPLIES TO CADMIUM COMPOUNDS EXCEPT CADMIUM SELENIDE AND CADMIUM SULFIDE). LIMITS	SEP1982	UNTDG* -, 9, 1982
USA	REC AQ	AMBI		NOV1979			
USA	REC AQ	DRINK MPC		NOV1979	0.01MG/L AAS	NOV1979	FEREAC 40, 59570, 1975
USA	REC AQ	DRINK MPC		NOV1979	0.01MG/L (BOTTLED)	NOV1979	FEREAC 42, 14325, 1977
USA	REC AIR	OCC		NOV1979	0.05MG CD/M3	NOV1979	ACGIH* -, 11, 1979
USA	REC AIR	OCC		NOV1979	0.2MG CD/M3	NOV1979	ACGIH* -, 11, 1979
USA	REC AIR	OCC		24JUN1977		JAN1983	ACGIH* -, 9, 1982
USA	REG WASTE	RQR		22JUL1981	TWA: 0.05 MG/M3; STEL: 0.2 MG/M3 (AS CADMIUM DUST AND SALTS; CALCULATED AS CD). 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 CADMIUM AND ITS COMPOUNDS)	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). (APPLIES TO CADMIUM AND ITS COMPOUNDS) 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)	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG AQ	MARIN MPC		APR1983		APR1983	CFRUS* 40(227), 197, 1981

EY2700000 CADMIUM SULFATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	0.05 MG/M3 (CADMIUM AND ITS COMPOUNDS AS CD). SUSPECTED AS BEING CARCINOGENIC WORKING MATERIALS. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.	MCH1983 DFKS** XVIII, 14, 1982
SWE USA	REG REC	AIR	OCC	TLV	CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE TWA: 0.05 MG/M3; STEL: 0.2 MG/M3 (WITH CADMIUM DUST AND OTHER CADMIUM SALTS, CALCULATED AS CD).	22DEC1978 OCT1982 STNAF* 1978:5(PK:6), 1, 1978 JAN1983 ACGIH* -, 9, 1982

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EV9580000		CALCIUM CARBONATE					
CSK	REG	HUMAN FOOD	MPC	LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REC	AIR	AMBI	0.15 MG/M3, AV/D		MAY1982	AHEM** SUPPL. 6, -, 1975
GBR	REC	AIR	OCC	0.5 MG/M3, AV/0.5 H TWA:10 MG/M3 OF TOTAL DUST OR 5 MG/M3 OF RESPIRABLE DUST. NUISANCE PARTICULATE. STEL:20MG/M3		MCH1983	GNHSE* EH15/80,9, 1980
GBR	REC	AIR	OCC	TWA : NUISANCE PARTICULATES : 10 MG/M3 OF TOTAL DUST; 5 MG/M3 OF RESPIRABLE DUST. STEL : 20 MG/M3		MCH1983	GNHSE* EH15/80,9, 1980
JPN	REC	AIR	OCC	1 MG/M3 OF INHALABLE DUST 4 MG/M3 OF TOTAL DUST		NOV1982	SAIGLB SUP23(5), 565, 1981
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS YEAST FOOD. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40,406,1978
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS CARRIER OF BENZOYL PEROXIDE AND POTASSIUM BROMATE, AS CREAMING AND FIXING AGENT, AS FILLER AND AS CARRIER AND DUSTING AGENT. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40,363,1978
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS EMULSIFYING, CELLULOSE, STABILIZING AND THICKENING AGENT. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40,337,1978
KEN	REG	FOOD	PRMT	FOOD ADDITIVE PERMITTED AS PH ADJUSTING AGENT, ACID-REACTING MATERIAL AND WATER CORRECTING AGENT. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.		SEP1982	GSKEN* 40,374,1978
SUN SWE	REG	AIR FOOD LABEL	OCC	CLV : 6.0 MG/M3 (AEROSOL) COLOURING AGENT PERMITTED IN FOOD. PACKED FOOD CONTAINING THE COLOURING AGENT MUST BE LABELLED "COLOURING AGENT" FOLLOWED BY THE NUMBER E170.	JAN1977 1JAN1981	JUN1982 OCT1982	GOSTS* 12.1.005, -, 1976 STLIF* 1980:13,4, 1980
USA	REC	AIR	OCC	NUISANCE PARTICULATE. TWA: 10 MG/M3 OF TOTAL DUST. TWA: 5 MG/M3 OF RESPIRABLE DUST; STEL: 20 MG/M3.		JAN1983	ACCIH* -,9,1982
USA	REC	AIR	OCC	NUISANCE PARTICULATE. TWA: 10 MG/M3 OF TOTAL DUST - 5 MG/M3 OF RESPIRABLE DUST; STEL: 20 MG/M3.		JAN1983	ACCIH* -,9,1982
USA	REC	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	REC	FOOD	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		APR1983	CFRUS* 40(180.1001),251, 1981

RAW AGRICULTURAL PRODUCTS AFTER HARVEST FOR SOME SPECIFIED PURPOSES

USA	REG	AQ	EMI	RQR	WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (ELECTROMETRIC END POINT OR PHENOL-PHTHALEIN END POINT FOR ACIDITY-MEASUREMENTS; ELECTROMETRIC TITRATION OR EQUIVALENT AUTOMATED METHOD FOR ALKALINITY-MEASUREMENTS)	16OCT1973	MAY1983	CFRUS* 40(136), 298, 1981
USA	REG	AQ	EMI	RQR	WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (EDTA TITRATION; AUTOMATED COLORIMETRY; OR ATOMIC ABSORPTION FOR HARDNESS-MEASUREMENTS)	16OCT1973	MAY1983	CFRUS* 40(136), 298, 1981
USA	REG	FOOD		PRMT	THIS SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE		JUL1983	CFRUS* 21(182), 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(582), 571, 1981
USA	REG	FOOD LABEL		RQR	IF THIS SUBSTANCE IS AN INGREDIENT IN CERTAIN FOODS AS A LEAVENING AGENT, IT IS REQUIRED THAT IT IS LISTED ON THE FOOD LABEL		JUL1983	CFRUS* 21(100), 15, 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, PACKAGING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING, OR HOLDING FOOD, MAY BE FORMULATED FROM THIS SUBSTANCE. (AS A PIGMENT OR COLORANT)		JUL1983	CFRUS* 21(175), 130, 1981
WHO	REC	AQ	DRINK	MXL	MPC: 500 MG/L; HIGHEST DESIRABLE CONC: 100 MG /L (VERSENATE-EDTA METHOD, VOLUMETRIC METHOD, GRAVIMETRIC METHOD).		DEC1982	WHISD* 3, 32, 1971
WHO	REC	AQ	DRINK	GL	500 MG/L (AS A VALUE FOR HARDNESS) (FOR AESTHETIC QUALITY)		MCH1983	WHODH* -, 19, 1983
WHO/FAO	REC	HUMAN FOOD		ADI	NOT LIMITED.		JAN1983	WHFAAC 67.29, 8, 1967

EW070000 CALCIUM CYANIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	REFERENCES
BRA	REG	FOOD	AL	STORED GRAIN : 25.0 MG/KG; OTHER FOODSTUFF: 0 MG/KG.	AUG1982	BRAFI* -, -, 1969
DEU	REG	AIR	IMI	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	MAY1982	BGBL** 1S.772, 772, 1980
IMO	REC	TRNSP LABEL	MARIN	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	-	SEPI982 IMCOC* 4, 10003, 1977
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 25.0 MG/KG CALCULATED AS HYDROGEN CYANIDE.	-	SEPI982 GSKEN* 40, 410, 1978
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	-	SEPI982 UNTDG* -, 9, 1982
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: 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	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INCURSOR 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	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: FEREAC 46,35246, 1981; 46,47429, 1981; 46,56582, 1981 (INTERIM); 47,36097, 1982; 48,2532, 1983 (INTERIM); 47,36097, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	USE LABEL	RSTR	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 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 POLLUT ION CONTROL ACT.	MAY1983 CFRUS* 40(116),33,1981
USA	REG FOOD FEED		ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR ODUCTS) : 5-25 MG/KG (CALCULATED AS HCN)	APR1983 CFRUS* 40(180),152,1981
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 4.54 KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(117),44,1981

EZ0400000 PEBULATE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD LABEL -	MRL	PLANT(SPECIFIED) 0.1 MG/KG.	1AUG1978	MCH1982	BGBL** IS.718,734,1978
DEU	REG	PACK -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360	1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
		USE OCC	RQR	,1,1976). HANDLING OF SOME GROUPS OF CHEMICA			
			RSTR	LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,			
				EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS),			
				IS PROHIBITED OR RESTRICTED FOR PREADULTS AND			
				PREGNANT OR NURSING WOMEN.			
EEC	REG	LABEL	RQR	XN - HARMFUL. HARMFUL BY INHALATION, IN CONT -	JUN1982	OJEC**	L.360,1,1976
		PACK	RQR	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).			
GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209,1,1978
		PACK -	RQR	,1,1976)			
SUN	REG	AQ	MAC	0.01 MG/L		JUN1982	PKDTV* -,1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NIKDP* -,512,1978
SUN	REG	AIR	MAC	CLV : 1.0 MC/M3 (VAPOUR + AEROSOL)	JAN1977	JUN1982	COSTS* 12.1.005,-,1976
USA	REG	FDDD	ARL	RAH AGRICULTURAL PRODUCTS (SPECIFIED PLANT PR		APR1983	CFRUS* 40(180),152,1981
		FEED		ODUCTS) : 0.1 MG/KG			

EZ5075000 SULFALLATE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DFU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0-2.0 MG/KG; PLANT (GENERAL) 0.05 MG/KG (CALCULATED AS CS2).	1AUG1978	MCH1982	BGBL** IS.718,736,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 10CT1980, 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.	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	XN - HARMFUL, HARMFUL BY INHALATION AND IF SWALLOWED (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).	1SEP1978	JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978, 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=100-40% (LIQUID).	-	SEP1982	UNTDG* -,183,1982
USA	REC	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.2 MG/KG. (AMENDED: FERAC 46,4206 6,1981)		APR1983	CFRUS* 40(180),152,1981

EZ9084000 DIMETILAN

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** L.360 ,1,1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. 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** L.360 ,1,1976)	10OCT1980	JUN1982	BGBL** IS.2069,2069,1980
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). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976)		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB STANCE AT CONC.'S BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HA ZARD		JUL1983	IMCOC* III,9030,1977
IMO	REC	TRNSP LABEL PACK	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
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDI UM DANGER WHEN AI=100->50%; III = SUBSTANCE P RESENTING MINOR DANGER WHEN AI=50-5% (SOLID) OR 50->1% (LIQUID).	-	SEPT1982	UNTDG* -,183,1982

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
EZ9100000		PIRIMICARB					
BRA	REG	FOOD	AI	PLANT (SPECIFIED) : 0.05-1 MG/KG ("SECURITY" INTERVAL : 3-21 DAYS)	20JUL1981	AUG1982	MPIRB# -, -, 1981
CSK	REG	USE	AGRIC	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	AUG1981	MAY1982	SPFOR# -, -, 1981
DEU	REG	LABEL	PRMT	1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY FLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	10OCT1980	JUN1982	BGBL** 1S.2069, 2069, 1980
EEC	REG	LABEL	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).			
FAO/WHO	REC	FOOD	ADI	0.01 MG/KG BW (TEMPORARY UNTIL 1982)			FPPDD 37, 56, 1982
FAO/WHO	REC	FOOD	MRL	BEANS (WITH POD) 1 MG/KG (MRLS ARE PROVISIONAL UNTIL 1980)			MCH1982 FPPDD 20, 76, 1980
FAO/WHO	REC	FOOD	MRL	ALFALFA (GREEN) 50 MG/KG DWT; ALFALFA HAY 20 MG/KG DWT; BARLEY, EGGS (SHELL FREE), MEAT, MILK, OATS 0.05 MG/KG. (LIMITS ARE FOR SUM OF PIRIMICARB, ITS N-FORMYL-(METHYLAMINO) ANALOGUE (DESMETHYL-FORMAMIDO-PIRIMICARB) AND DESMETHYL-PIRIMICARB).			
FAO/WHO	REC	FOOD	MRL	CHILLI PEPPERS 2 MG/KG; APPLES, BELL PEPPERS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CELERY, CUCUMBER, EGGPLANTS, ENDIVE, GHERKINS, LETTUCE, PARSLEY, TOMATOES 1 MG/KG; BLACKCURRANTS, KOHLRABI, ONIONS, PEACHES, PLUMS, RASPBERRIES, STRAWBERRIES 0.5 MG/KG; PEAS, RAPESEED 0.2 MG/KG; BEANS (WITHOUT POD) 0.1 MG/KG; BEETROOT, PARSNIPS, POTATOES, RADISHES, SUGARBEET, TURNIPS, WHEAT GRAIN: 0.05 MG/KG. (LIMITS ARE FOR THE SUM OF PIRIMICARB, DESMETHYL-PIRIMICARB AND DESMETHYL-FORMAMIDO-PIRIMICARB, EXPRESSED AS PIRIMICARB).			
FAO/WHO	REC	FOOD	MRL	CITRUS FRUITS (EXCEPT ORANGES), COTTONSEED, PEACANS, SWEETCORN: 0.05 MG/KG; LEEKS, ORANGES; 0.5 MG/KG; POME FRUITS, SPINACH, WATERCRESS; 1.0 MG/KG. (THE TEMPORARY MRLS ARE FOR THE SUM OF PIRIMICARB, ITS N-FORMYL(METHYLAMINO) ANALOGUE (DESMETHYLFORMAMIDO-PIRIMICARB) AND DESMETHYL PIRIMICARB).			
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	USE	PRMT	APPROVED AS AN INSECTICIDE. 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

JPN	REG	USE	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A	JUL1983 JPAGR* -,-,
JPN	REG	CLASS LABEL SALE USE	CLASS RQR RSTR PRMT	INSECTICIDE PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER	JUL1983 JPDC* -,-,	
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR PRMT RQR	AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPARING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS 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). FRUITS AND VEGETABLES: 0.5MG/KG HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-75% (SOLID) OR 100-20% (LIQUID).	OCT1982 PFBK* -,84,1982 OCT1982 PFBK* -,58,1982	
SWE	REG	FOOD TRANSF LABEL PACK	MTC CLASS	FRUITS AND VEGETABLES: 0.5MG/KG HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-75% (SOLID) OR 100-20% (LIQUID).	1MCH1983 JUL1983 STLI* 1983:1,1,1983 SEP1982 UNTDG* -,183,1982	
USA	REG	FOOD FEED	ARL	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-(METHYLAMINO)-4-PYRIMIDINYL DIMETHYL-CARBAMATE, CALCULATED AS PIRIMICARB)	APR1983 CFRUS* 40(180),152,1981	

RECOMMENDATIONS-LEGAL MECHANISMS

FA6825000 NABAM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0-2.0 MG/KG; PLANT (GENERAL) 0.05 MG/KG. (CALCULATED AS CS2).	1AUG1978	MCH1982	BGBL** IS.718,733,1978
DEU	REG	LABEL PACK USE	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976).	01OCT1980	JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL PACK USE	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS).			
DEU	REG	LABEL PACK USE	RSTR	IS PROHIBITED OR RESTRICTED FOR PREGNANTS AND PREGNANT OR NURSING WOMEN.			
EEC	REG	LABEL PACK	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).		JUN1982	OJEC** L.360,1,1976
FAO/WHO	REC	FOOD USE	ADJ	WITHDRAWN			
GBR	REG	FOOD USE	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1982	FPPDD 11.31,1978
GBR	REG	FOOD USE	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED		MCH1983	APFG** -,89,1983
GBR	REG	FOOD USE	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED		MCH1983	APFG** -,30,1983
GBR	REG	LABEL PACK USE	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976).	01SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	LABEL PACK USE	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976).	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	LABEL PACK USE	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976).			
KEN	REG	FOOD	RSTR				
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 7.0 MG/KG CALCULATED AS ZINEB.		SEP1982	GSKEN* 40,410,1978
SWE	REG	SALE LABEL CLASS USE STORE	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).		OCT1982	PFBEK* -,58,1982
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-80% (SOLID) OR 100-20% (LIQUID).		SEP1982	UNTDC* -,183,1982
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 ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS AND ESTERS)	22JUL1981	JUL1983	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 REGULATION AND PERMIT) AND NOTIFICATION REQUIREMENTS UNLESS IT IS FOUND THAT THE WASTE CANNOT THREATEN HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPERLY MANAGED. (AMENDED: FER EAC 46,35246,1981; 46	19NOV1980	JUL1983	CFRUS* 40(261),358,1981

,47429,1981; 46,56582,1981 (INTERIM); 47,3609
7,1982; 48,2532,1983 (INTERIM); 48,11157,1983
(ENFORCEMENT GUIDANCE) (APPLIES TO ETHYLENEB
ISDITHIOCARBAMIC ACID AND ITS SALTS AND ESTER
S)

JUN1983 CFRUS* 21(173),109,1981

MAY BE USED FOR CONTROLLING MICROORGANISMS IN
 CANE-SUGAR AND BEET-SUGAR MILLS WHEN APPLIED
 TO THE GRINDING SYSTEM AT LEVELS NOT EXCEEDI
 NG 3 MG/KG RAW CANE OR RAW BEET AND IN COMBIN
 ATION WITH OTHER ADDITIVES AS DESCRIBED. LABE
 L REQUIREMENTS ARE SPECIFIED
 REGISTRATIONS OF PESTICIDES CONTAINING NABAM
 WILL BE CANCELLED UNLESS: 1) A STATEMENT REQU
 IRING PROTECTIVE CLOTHING IS ADDED TO THE LAB
 EL AND 2) PREHARVEST INTERVALS ON LABELS OF N
 ON-COMMERCIAL (HOMEOWNER) PRODUCTS ARE HIGHLI
 GHTED. TESTING REQUIREMENTS ARE ALSO SPECIFIE
 D.

MXL
 PRMT
 RQR

FOOD
 USE
 LABEL

REG

USA

AGRIC RSTR
 RQR

USE
 LABEL

REG

USA

26NOV1982 AUG1983 FEREAC 47,47669,1982

RECOMMENDATIONS-LEGAL MECHANISMS

FB8050000 PROMECARB

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT(SPECIFIED) 0.2 MG/KG; PLANT (GENERAL) 0	1AUG1978	MCH1982	BGBL** IS.718,734,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	.05 MG/KG. FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
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). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976)		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS DELETERIOUS BY CABINET ORDER	1SEP1978	JAN1983	GBRSI* 209,1,1978
JPN	REG	CLASS LABEL	RQR RSTR			JUL1983	JPPDC* -, -,
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-15% (SOLID) OR 100-3% (LIQUID).	-	SEP1982	UNTDG* -,183,1982

FB9450000 CARBOFURAN; FURADAN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
ARG BRA	REG REG	AIR FOOD	MPC AL	TWA: 0.1 MG/M3; STEL: 0.1 MG/M3. PLANT (SPECIFIED) : 0.1-1 MG/KG ("SECURITY" I INTERVAL : 14-90 DAYS)	22MAY1979 AUG1982	ADECT* 351,*, CDABR* 2,66,1980
CSK DEU	REG REG	USE AIR	AGRIC PRMT IMI RQR	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE , AND CAUSE A PUBLIC DANGER. FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360 , 1, 1976. HANDLING OF SOME GROUPS OF CHEMICAL S (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) I S PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	AUG1981 MAY1982 MAY1982	SPPOR* -, -, 1981 BCBL** IS. 772, 772, 1980
DEU	REG	LABEL PACK USE	OCC RQR RQR RSTR	T - TOXIC. VERY TOXIC BY INHALATION AND IF S - WALLOWED (R 26/28). KEEP LOCKED UP (S 1). K EEP 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). LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=100KG IN THE DIRECTIVE ON THE MAJOR ACCIDE NT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. ANY PERSON IN CHARGE OF AN INDUSTRIAL ACTIV 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	10OCT1980	BCBL** IS. 2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR		JUN1982	OJEC** L. 360, 1, 1976
EEC	REG	MANUF USE	CLASS INDST RQR		8JAN1984	OJEC** L230, 1, 1982
FAO/WHO REC FAO/WHO REC	REC REC	FOOD CGD	ADI MRL	0.01 MG/KG EGGPLANTS, KOHLRABI 0.1 MG/KG; SUGARBET LEAV ES 0.2 MG/KG. (TEMPORARY UNTIL 1980)	MCH1982 MCH1982	FPPDD 26, 67, 1981 FPPDD 20, 71, 1980
FAO/WHO REC FAO/WHO REC	REC REC	FOOD FOOD FEED	GL MRL	TOBACCO (FLUE-CURED) 20 MG/KG ALFALFA HAY 20 MG/KG; HOPS(DRIED), ALFALFA(FR ESH), MAIZE FODDER(FRESH) 5 MG/KG; BRUSSELS S PROUTS 2 MG/KG; SUGARBET TOPS 1 MG/KG; CABBA GE, CARROTS, POTATOES 0.5 MG/KG; CAULIFLOWER, RICE (HULLED), SOYBEANS 0.2 MG/KG; BANANAS, COFFEE (RAW BEANS), GRAIN (BARLEY, MAIZE, OAT S, SORGHUM, WHEAT), LETTUCE, MUSTARD SEEDS, O ILSEEDS, ONIONS, PEACHES, PEANUTS (KERNELS), PEARS, SUGARBETTS (ROOTS), SWEETCORN(KERNELS) ; STRAWBERRIES, SUGARCANE, TOMATOES 0.1 MG/KG ; MEAT, FAT AND EDIBLE OFFAL OF CATTLE, GOATS PIGS, HORSES AND SHEEP, MILK 0.05 MG/KG (TEMP ORARY UNTIL 1979)	MCH1982 MCH1982	FPPDD 11, 13, 1978 FPPDD 11, 13, 1978

FAO/WHO	REC	FOOD	MRL	MRL	ALL EARLIER TEMPORARY MRLS REPLACED BY MRLS	DATE	DATE	DATE
GBR	REG	FEED LABEL -	RQR	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 (1,1976))	1SEP1978	JAN1983	FPPDD 26,67,1981
GBR	REG	PACK USE	RQR	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 SYSTEMIC INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.		JAN1983	GBRSI* 209,1,1978
GBR	REG	USE	PRMT				MCH1983	APFG** -,15,1983
GBR	REG	USE	PRMT				MCH1983	APFG** -,89,1983
GBR	REG	AIR CLASS SALE	TLV CLASS RSTR	TLV CLASS RSTR	TWA : 0.1 MG/M3 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	CNHSE* EH15/80,9,1980 GBRSI* 217,1,1982
GBR	REG	SALE	RSTR	RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY	1APR1982	JAN1983	GBRSI* 218,1,1982
GBR	REG	SALE	RSTR	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	1APR1982	JAN1983	GBRSI* 218,1,1982
GBR	REG	LABEL PACK STORE TRNSP LABEL STORE	RQR RQR RQR RQR RQR RQR	RQR RQR RQR RQR RQR RQR	LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.	1APR1982	JAN1983	GBRSI* 217, 218,1,1982
GBR	REG	SALE LABEL STORE	RSTR RQR RQR	RSTR RQR RQR		1APR1982	JAN1983	GBRSI* 218,1,1982
KEN SWE	REG	FOOD FOOD	MXL MTC	MXL MTC	SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG/KG. FRUITS AND VEGETABLES: 0.1-0.5MG/KG (PRELIMINARY) (INCL. CARBOFURAN AND 3-HYDROXYCARBOFURAN)	1MCH1983	SEP1982 JUL1983	GSKEN* 40,410,1978 STLIF* 1983:1,1,1983
UN	REC	TRNSP LABEL PACK	CLASS	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=10-1% (SOLID) OR 10->0% (LIQUID).		SEP1982	UNTDG* -,183,1982
USA	REC	AIR USE LABEL	TLV RSTR CLASS	TLV RSTR CLASS	TWA: 0.1 MG/M3. 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	JAN1983 APR1983	ACGIH* -,9,1982 CFRUS* 40(162.31),55,1981
USA	REC	AQ	CLASS	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	REC	FOOD FEED	ARL	ARL	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-BENZOFURAN		APR1983	CFRUS* 40(180),152,1981

OL; 2,3-DIHYDRO-2,2-DIMETHYL-3-OXO-7-BENZOFURANOL; 2,3-DIHYDRO-2,2-DIMETHYL-3,7-BENZOFURAN DIOL, AND OF WHICH NO MORE THAN 0.02-20 MG/KG ARE CARBAMATES). (AMENDED: FEREAC 46,58490,1 981; 46,62274,1981; 46,62275,1981; 46,63044,1981; 46,63045,1981; 47,1379,1982; 47,2863,1982; 47,37172,1982)

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 4.54 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 CONC. ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983) 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) SUNFLOWER SEED HULLS AND MEAL: 1.0 MG/KG (INC L, ITS METABOLITES), OF WHICH NOT MORE THAN 0.5 MG/KG SHOULD BE CARBAMATES

USA RQR RSTR EMI AQ REG AQ EMI AQ REG AQ RQR RSTR
 USA RQR EMI WASTE AQ REG AQ EMI WASTE AQ REG AQ RQR RSTR
 USA ARL PRMT FEED USE AQ REG AQ ARL PRMT
 USA ARL PRMT FEED USE AQ REG AQ ARL PRMT

MAY1983 CFRUS* 40(122),121,1981

AUG1983 FEREAC 46,58487,1981

AUG1982 FEREAC 47,1376,1982

USA ARL PRMT FEED USE AQ REG AQ ARL PRMT
 USA ARL PRMT FEED USE AQ REG AQ ARL PRMT

FC1140000 BENDIOCARB

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA CSX GBR	REG REG REG	FOOD USE USE	AL PRMT PRMT	RICE : 0.05 MG/KG APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. 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).	AUG1981	AUG1982 MAY1982 MCH1983	CDABR* 2,65,1980 SPPOR* -, -, 1981 APFG** -, 89, 1983
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR PRMT RQR		-	OCT1982	PFBEK* -, 58, 1982
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100-65%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=65-5% (SOLID) AND 65-1% (LIQUID).	-	SEP1982	UNTDG* -, 183, 1982
USA	REG	FEED USE	ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS : - (MAY BE SPECIALLY USED IN TREATMENTS IN ANIMAL FEED HANDLING ESTABLISHMENTS IN ACCORDANCE WITH THE LABEL AND LABELLING REQUIRED)		JUL1983	CFRUS* 21(561), 523, 1981

FC210000 METHAM-SODIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	USE LABEL PACK - USE OCC	PRMT RQR RQR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360 1,1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	AUG1981 01OCT1980	MAY1982 JUN1982	SPPOR* -, -, 1981 BGBL** IS.2069, 2069, 1980
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, DRI NK 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.360 1,1976).	-	JUN1982	OJEC** L.360, 1,1976
GBR	REG	USE	PRMT			MCH1983	APFG** -, 89, 1983
GBR	REG	LABEL PACK	RQR RQR			JAN1983	GBRSI* 209, 1, 1978
GBR	REG	LABEL PACK USE	RQR RQR RSTR			JAN1983	GBRSI* 209, 1, 1978
SUN	REG	AIR	AMBI MAC			JUN1982	PKTV* -, -, 1978
SUN	REG	AQ	SURF MAC			JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	OCC			JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR RQR RQR	CLV : 0.1 MG/M3 (AEROSOL) THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH E PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STO RAGE, HANDLING AND USE OF THE PESTICIDE FORMU LATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATIO N INTO ONE OF THREE HAZARD CLASSES (1=MOST HA ZARDOUS, 3=LEAST HAZARDOUS).	JAN1977	OCT1982	PFBEK* -, 58, 1982
UN	REG	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN AI=100-50% (SOLID) OR 100-10% (LIQUID).	-	SEP1982	UNTDG* -, 183, 1982

RECOMMENDATIONS-LEGAL MECHANISMS

FC3150000 BAYGON; PROPOXUR

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	AIR	OCC	TWA: 0.5 MG/M3; STEL: 1.5 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.5 MG/KG ("SECURITY" INT		AUG1982	PMSBR* -, -, 1981
BRA	REG	USE	MXL	ERVAL : 4-14 DAYS); ANIMAL (SPECIFIED) : 0.05 MG/KG (INTERVAL BETWEEN LAST APPLICATION AND MILKING OR SLAUGHTER: 14 DAYS). PASTURE : 5 MG/KG (INTERVAL BETWEEN APPLICATI ON AND GRAZING : 7 DAYS) MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE I N DOMESTIC SANITATION : 1-5% (WT/WT)	AUG1982		RNMCB* 02/78, -
CSK	REG	USE	AGRIC	2 MG/M3	AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	AIR	OCC	PLANT (SPECIFIED) 0.2-5.0 MG/KG; PLANT (GENER	1AUG1978	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	PACK	-	AL) 0.5 MG/KG. FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	01OCT1980	MCH1982	BGBL** IS.718, 735, 1978
DEU	REG	USE	OCC	1,1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. 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 FR OM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 1 3). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). PLANT (GENERAL) : 3.0 MG/KG	RQR RQR RQR RSTR	JUN1982	BGBL** IS.2069,2069, 1980
EEC	REG	LABEL	PACK	PLANT (GENERAL) : 3.0 MG/KG		JUN1982	OJEC** L.360,1, 1976
EEC	REG	FOOD	MRL	ANIMAL FEEDSTUFFS (GREEN) 5 MG/KG; APPLES, CH	1978	DEC1982	OJEC** L340,26,1976
FAO/WHO	REC	FOOD	ADI	ERRIES, PEACHES, PEARLS, PLUMS, BLACKBERRIES,		MCH1983	FPPPOD 37,57,1982
FAO/WHO	REC	FOOD	MRL	GOOSEBERRIES, REDCURRANTS, STRAWBERRIES, VEGE		MCH1983	FPPPOD 37,57,1983
GBR	REC	LABEL	OCC	TABLES (EXCEPT POTATOES AND ROOT VEGETABLES) 3 MG/KG; POTATOES, RICE GRAIN (ROUGH), ROOT V EGETABLES 0.5 MG/KG; RICE (HULLED) 0.1 MG/KG; MEAT, MILK (WHOLE) 0.05 MG/KG. (LIMITS ARE FOR THE SUM OF PROPOXUR AND ITS M AIN METABOLITES, I.E. 2-HYDROXYPHENYL METHYL CARBAMATE AND 2-ISOPROPOXYPHENYL HYDROXYMETHY L-CARBAMATE, EXPRESSED AS PROPOXUR) (SEE ALSO FPPPOD 11,35,1978) TWA : 0.5 MG/M3 STEL : 2 MG/M3	RQR RQR RQR RQR RSTR	01SEP1978	MCH1983 GNHSE* EH15/80,9, 1980 JAN1983 GBRSI* 209, 1, 1978
GBR	REC	LABEL	OCC	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	15SEP1978	JAN1983	GBRSI* 209, 1, 1978
IMO	REC	TRNSP	MARIN	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB STANCE AT CONC.'S BELOW 2.5% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HIA ZAI(II)		JUL1983	IMCOC* 111,9030,1977

IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS:	CONC.'S ABOVE 2.5% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	AT	JUL1983 IMCOC*	III, 6147, 1977
JPN	REG	USE	AGRIC PRMT	CLASS	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (EXCEPT WHEN THE CONCENTRATION IS BELOW 1.5%)	HAZARD	JUL1983 JPAGR*	-, -,
JPN	REG	CLASS LABEL SALE LABEL CLASS USE	ROR RSTR 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).		JUL1983 JPPDC*	-, -,
SWE	REG	CLASS LABEL SALE LABEL CLASS USE	ROR RSTR PRMT RQR	CLASS	THE SUBSTANCE IS REGISTERED AND APPROVED AS A PESTICIDE		OCT1982 PFBEK*	-, 58, 1982
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-15% (SOLID) OR 100-4% (LIQUID).			SEP1982 UNTDC*	-, 183, 1982
USA	REC	AIR OCC TLV	TLV	TWA: 0.5 MG/M3; STEL: 2 MG/M3.			JAN1983 ACGIH*	-, 9, 1982

FC5950000 CARBARYL; SEVIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FOOD	MXL	0.3-12 MG/KG.	27MCH1979	MCH1982	ALEYP* 18073,-,
ARG	REG	FEED	MXL	100 MG/KG.	27MCH1979	MCH1982	ALEYP* 18073,-,
ARG	REG	AIR	OCC	TWA: 5 MG/M3; STEL: 10 MG/M3.	22MAY1979	MCH1982	ADECT* 351,-,
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.01-10 MG/KG ("SECURITY" INTERVAL: 1-30 DAYS); ANIMAL (SPECIFIED) : 0.5-5.0 MG/KG; FORAGE & PASTURE: 100 MG/KG.	AUG1982	MCH1982	PNSBR* 42-30 JUN,-,1981
BRA	REG	USE	MXL	MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE 1 N DOMESTIC SANITATION : 2.5-5% (WT/WT)	AUG1982	RNMCB*	02/78,-,
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	MAY1982	HPMZC*	43,-,1978
CSK	REG	USE	PRMT	5 MG/M3 (CUTANEOUS ABSORPTION)	AUG1981	MAY1982	SPPOR* -,1981
DEU	REG	AIR	MAK	PLANT (SPECIFIED) 0.8-5.0 MG/KG; PLANT (GENERAL) 0.1 MG/KG.	-	MCH1983	DFSK** XV111,14,1982
DEU	REG	FOOD	MRL	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.	1AUG1978	MCH1982	BGBL** IS.718,723,1978
DEU	REG	LABEL	RQR	XN - HARMFUL. HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). IRRITATING TO RESPIRATORY SYSTEM (R 37). KEEP OUT OF REACH OF CHILDREN (S 2). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).	01OCT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	PACK	RQR	PLANT (GENERAL) : 1 MG/KG ; PLANT (SPECIFIED) : 3 MG/KG	JUN1982	OJEC**	L.360,1,1976
EEC	REG	FOOD	MRL	0.01 MG/KG BW	1JUL1984	DEC1982	OJEC** L234,1,1982
FAO/WHO	REC	FOOD	ADI	KIWI FRUIT 10 MG/KG	-	MCH1982	FPPDD 20,71,1980
FAO/WHO	REC	FOOD	MRL	ANIMAL FEEDSTUFFS(GREEN), ALFALFA, BEAN AND PEA VINES, CLOVER CORN, FORAGE, COMPEA FOLIAGE, GRASSES, PEANUT HAY, SORGHUM FORAGE, SOYBEAN FOLIAGE, SUGARBEET TOPS 100 MG/KG; BRAN 20 MG/KG; APRICOTS, ASPARAGUS, BLACKBERRIES, BOYSEN BERRIES, CHERRIES, LEAFY VEGETABLES (EXCEPT BRASSICAS), NECTARINES, NUTS (WHOLE), OKRA, OLIVES(FRESH), PEACHES, PLUMS, RASPBERRIES, SORGHUM GRAIN 10 MG/KG; BLUEBERRIES, CITRUS FRUIT, CRANBERRIES, STRAWBERRIES 7 MG/KG; APPLES, AUBERGINES, BANANAS (PULP), BARLEY, BEAN S, BRASSICAS, GRAPES, OATS, PEARS, PEAS (INCL POD), PEPPERS, POULTRY (SKIN), RICE (IN HUSKS AND HULLED), RYE, TOMATOES, WHEAT 5 MG/KG; CUCURBITS (INCL. MELONS) 3 MG/KG; PEANUTS (WHOLE), ROOT CROPS (BEETS, CARROTS, PARSNIPS, RADISHES, RUTABAGAS), WHOLEMEAL FLOUR 2 MG/KG ; COTTONSEED (WHOLE), COMPEAS, NUTS (SHELLED) , OLIVES (PROCESSED), SOYBEANS (DRY), SWEETCORN(KERNELS) 1 MG/KG; EGGS (SHELL-FREE), POULTRY (EDIBLE PORTION) 0.5 MG/KG; MEAT OF CATTLE , GOATS AND SHEEP, POTATOES, SUGARBERRIES, WHEAT FLOUR (WHITE) 0.2 MG/KG; MILK AND MILK PRODUCTS 0.1 MG/KG.	MCH1982	FPPDD	20,71,1980
FAO/WHO	REC	FOOD	MRL		MCH1982	FPPDD	20,71,1980
FAO/WHO	REC	FEED	MRL		MCH1982	FPPDD	11,12,1978

GBR	REG	USE	PRMT	APPROVED AS AN INSECTICIDE, GROWTH REGULATOR AND EARTHORM KILLER. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983 APFG**	-, 89, 1983
GBR	REC	AIR LABEL	TLV	TWA : 5 MG/M3 STEL : 10 MG/M3	MCH1983 GHISE*	EH15/80, 9, 1980
GBR	REG	PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 01SEP1978)	JAN1983 GBRSI*	209, 1, 1978
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978)	JAN1983 GBRSI*	209, 1, 1978
GBR	REG	PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978)	JAN1983 GBRSI*	209, 1, 1978
IMO	REC	USE	RSTR	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
IMO	REC	TRNSP LABEL	MARIN	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
IND	REG	FOOD	SEL	SPECIFIED FOOD PRODUCTS : 0.2-10.0 MG/KG	DEC1982 PFAIN*	-, 70, 1981
JPN	REG	USE	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A PESTICIDE	JUL1983 JPAGR*	-, -, -
JPN	REG	CLASS LABEL	CLASS	3 = SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983 JPPDL*	-, -, -
JPN	REG	SALE LABEL	RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (EXCEPT WHEN THE CONCENTRATION IS BELOW 5%)	JUL1983 JPPDC*	-, -, -
JPN	REG	FOOD	RSTR	SPECIFIED PLANT PRODUCTS : 0.1 - 1.0MG/KG	JUL1983 JPNFS*	-, -, -
KEN	REG	FOOD	ARL	SPECIFIED FOOD PRODUCTS : 0.2-10.0 MG/KG	SEP1982 GSKEN*	40, 410, 1978
SUN	REG	FOOD	MXL	0.02 MG/M3 , 1X/D	JUN1982 PDKTV*	-, -, 1978
SUN	REG	AIR	MAC	0.01 MG/M3 , AV/D	JUN1982 PDKTV*	-, -, 1978
SUN	REG	AQ	SURF	0.1 MG/L	JUN1982 PDKTV*	-, -, 1978
SUN	REG	SOIL	MAC	0.05 MG/KG	JUN1982 NIKDP*	-, 512, 1978
SUN	REG	FOOD	PRO	PESTICIDE PROHIBITED IN FOOD	JUN1982 PDKTV*	-, -, 1978
SUN	REG	AQ	SURF	SURFACE WATER FOR FISHING : 0.5 UC/L	JUN1982 GOSTS*	12, 1, 005, -, 1976
SUN	REG	AIR	MAC	CLV : 1.0 MG/M3 (AEROSOL)	JAN1977	
SUN	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.1-0.2 MG/KG	1MCH1983	
SWE	REG	FOOD	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).		
SWE	REG	LABEL	RQR	FRUITS AND VEGETABLES: 0.2-10MG/KG		
SWE	REG	CLASS	PRMT	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.		
SWE	REG	USE	RQR	PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=100-80% (SOLID) OR 100-20% (LIQUID).		
SWE	REG	FOOD	MTC	TWA: 5 MG/M3; STEL: 10 MG/M3.	JUL1983 STLIF*	1983:1, 1, 1983
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.	SEP1982 UNTDC*	-, 183, 1982
USA	REG	AIR	TLV	TWA: 5 MG/M3; STEL: 10 MG/M3.	JAN1983 AGLIH*	-, 9, 1982
USA	REG	AIR	OCC	INTERIM TOLERANCE LIMIT IN/ON RAW AGRICULTURAL PRODUCTS (EGGS) : 0.5 MG/KG (INCL. CARBARYL AND ITS METABOLITE 1-NAPHTHOL, CALCULATED AS CARBARYL)	APR1983 CFRUS*	29(1910), 673, 1981
USA	REG	FOOD	ARL	AND ITS METABOLITE 1-NAPHTHOL, CALCULATED AS CARBARYL)	APR1983 CFRUS*	40(180), 232, 1981
USA	REG	FEED	ARL	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	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0-100 MG/KG (INCL. CARBARYL AND 1-NAPHTHOL, CALCULATED AS CARBARYL). (AMENDED: FEREAC 47,623,1982; 47,25960,1982; 48,14896,1983)	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.1-1 MG/KG (INCL. CARBARYL AND ITS METABOLITES 1-NAPHTHOL (NAPHTHYL SULFATE); 5,6-DIHYDRODIHYDROXY CARBARYL; AND 5,6-DIHYDRODIHYDROXY NAPHTHOL, CALCULATED AS CARBARYL) (INCL. CARBARYL; 1-NAPHTHOL (NAPHTHYL SULFATE); 5,6-DIHYDRODIHYDROXY CARBARYL; AND 5-METHOXY-6-HYDROXY CARBARYL, CALCULATED AS CARBARYL) 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.	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (MILK) : 0.3 MG/KG	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	AQ	RQR 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 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(117), 44, 1981
WHO	REC	AIR	EMI WASTE OCC MXL	5 MG/M3 (TENTATIVE). (SKIN ABSORPTION). A BIOLOGICAL LIMIT OF 30% INHIBITION OF CHOLINESTERASE (CHE) ACTIVITY IN WHOLE BLOOD, PLASMA OR RED CELLS, WITH RESPECT TO PRE-EXPOSURE LEVELS, IS ALSO RECOMMENDED.	DEC1982 WHOTAC 677, 3, 1982

FD9100000 PROPHAM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA CSK DEU	REG USE FOOD	FOOD USE FOOD	AL PRMT MRL	POTATOES : 50MG/KG PLANT (SPECIFIED) 0.5 MG/KG (WITH CHLORPROPHAM)	AUG1981 1AUG1978	AUG1982 MAY1982 MCH1982	VISAB* 2,174,-,1979 SPPOR* -,1981 BGBL** IS.718,724,1978
GBR	REG USE	USE	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -,89,1983
GBR	REG USE	USE	PRMT	APPROVED FOR APPLICATION BY FOGGING MACHINES (APPLIES TO PROPHAM WITH CHLORPROPHAM). SPECIFIC USES ARE LISTED		MCH1983	APFG** -,24,1983
SUN SUN USA	REG AQ AIR FOOD FEED	AG SURF OCC	MAC MAC ARL	0.2 MG/L CLV : 2.0 MG/M3 (VAPOUR + AEROSOL) INTERIM TOLERANCE LIMITS IN/ON RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL AND PLANT PRODUCTS) : 0.05-5 MG/KG	JAN1977	JUN1982 JUN1982 APR1983	PDKTV* -,1978 GOSTS* 12.1.005,-,1976 CFRUS* 40(180),232,1981

RECOMMENDATIONS-LEGAL MECHANISMS

FF6650000 CARBON DISULFIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK	REG	AIR	AMBI	MAC	JUL1981	MAY1982 HPMZC* 51, -, 1981
CSK	REG	USE		0.01 MG/M3, AV/D 0.03 MG/M3, AV/0.5 H	JAN1971	MAY1982 HPMZC* 32, -, 1970
DEU	REG	AIR	EMI	PRO MXL	JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	FOOD		MRL	1AUG1978	MCH1982 BGBL** IS.718, 740, 1978
DEU	REG	LABEL	PACK	RQR	OCT1980	JUL1982 BGBL** IS.2069, 2069, 1980
DEU	REG	USE		RQR RSTR		
DEU	REG	LABEL	PACK	USE		
EEC	REG	LABEL	PACK	RQR RQR	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	GOODS		PRO	1JAN1986	NOV1982 OJEC** 25(L167), 1, 1982
EEC	REG	MANUF	INDST	CLASS RQR	8JAN1984	DEC1982 OJEC** L230, 1, 1982

THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSEFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II 30 MG/M3 (10 PPM) (CUTANEOUS ABSORPTION) (VP= 40.0 KPA AT 20C) PLANT (ALL) 0.05 MG/KG 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. THE SOLVENT IS CLASSIFIED IN CLASS I.

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 PREGNANTS AND PREGNANT OR NURSING WOMEN.

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 R 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.

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 A

ND THE ENVIRONMENT, AND TO NOTIFY THE COMPETENT AUTHORITY ABOUT THE INDUSTRIAL ACTIVITY

IT IS FOUND THE WASTE CANNOT POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT WHEN PROPERLY 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	AIR	OCC	PEL		JUN1974	APR1983 CFRUS* 29(1910), 673, 1981
							TWA: 20PPM (65 MG/M3); CLV: 30PPM (98 MG/M3) (ACCEPTABLE PEAK FOR 30 MINUTES IN AN 8-HOUR SHIFT: 100PPM (327 MG/M3))
USA	REG	FOOD FEED		ARL			APR1983 CFRUS* 40(180), 269, 1981
							EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED GRAINS.
USA	REG	WASTE		CLASS		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 CARBON DISULFIDE IS RATED AS A SOMEWHAT PERSISTENT COMPONENT
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 2270 KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.
USA	REG	AQ	EMI	CLASS			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.
USA	REG	TRNSP		RSTR RQR CLASS			JUL1983 CFRUS* 33(126), 613, 1981
							CARBON DISULFIDE, 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	MARIN EMI MPC	PRO MPC			APR1983 CFRUS* 40(227), 199, 1981
							PROHIBITS OCEAN DUMPING OF MATERIALS CONTAINING THIS SUBSTANCE UNLESS IT IS PRESENT IN A CONCENTRATION BELOW ITS SOLUBILITY LIMIT IN SEAWATER.
USA	REG	WASTE		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)
USA	REG	AQ	EMI WASTE	RQR			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 (AMENDED: FERECAC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

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

TWA: 10 MG/M3 FOR EXPOSURE OF MALE WORKERS (TENTATIVE). TWA: 3 MG/M3 FOR EXPOSURE OF WOMEN OF FERTILE AGE (TENTATIVE). CLV: 60 MG/M3.

TWA: 10 MG/M3 (TENTATIVE EXPOSURE LIMIT FOR MEN);

TWA: 3 MG/M3 (TENTATIVE EXPOSURE LIMIT FOR WOMEN IN FERTILE AGE)

STEL: 60 MG/M3 (15 MIN.).

CLASS RSTR RQR

REG WASTE

DEC1982 WHOTAC 664, 3, 1981

MCH1983 WHOTAC 664, 3, 1981

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MXL

REC AIR OCC

WHO

MXL

REC AIR OCC

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AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FF9100000		DINOBTUN					
BRA	REG	FOOD	AL	COTTON SEEDS : 0.05MG/KG ("SECURITY" INTERVAL S : 21 DAYS)		AUG1982	VISAB* 2, -, 1979
CSK	REG	USE	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967
CSK	REG	AGRIC	PRMT		AUG1981	MAY1982	SPPOR* -, -, 1981
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0 MG/KG; PLANT (GENERAL) 0.05 MG/KG.	1AUG1978	MCH1982	BGBL** 1S.718, 727, 1978
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	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.	10OCT1980	JUN1982	BGBL** 1S.2069, 2069, 1980
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).		JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
IMO	REC	TRNSP LABEL LABEL PACK	MARIN 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
IMO	REC	TRNSP LABEL LABEL PACK	MARIN 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
SUN	REG	AIR	PSL	0.2 MG/M3 (AEROSOL)		JUN1982	PDKTV* -, -, 1978
SUN	REG	AQ	MAC	SURFACE WATER FOR FISHING : 0 MG/L		JUN1982	PDKTV* -, -, 1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NKADP* -, 512, 1978
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.		OCT1982	PFBEK* -, 58, 1982
		LABEL	RQR	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	RQR				
		USE					
		STORE					
UN	REC	TRNSP LABEL LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-10% (SOLID) OR 100-2% (LIQUID).		SEP1982	UNITDC* -, 183, 1982

FG490000 CARBON TETRACHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES	
CSK	REG	AIR OCC	MAC	TWA : 50.0 MG/M3 CLV : 100.0 MG/M3	OCT1978	MAY1982	HPMZC* 39, -, 1978	
CSK	REG	OCC	CLASS	SUSPECTED CARCINOGENIC SUBSTANCE	1JAN1981	MAY1982	HPMZC* 49, -, 1980	
CSK	REG	AIR EMI	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -, 1967	
DEU	REG	AIR	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 65 MG/M3 (10 PPM) (CUTANEOUS ABSORPTION) (VP=12.0 KPA AT 20C). SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THE BEFORE TENTATIVELY RETAINED.				
DEU	REC	AIR OCC	MAX	PLANT (ALL) 0.01 MG/KG 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. 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. THE SOLVENT IS CLASSIFIED IN CLASS IA.	1AUG1978 1OCT1980	MCH1982 JUN1982	BGBL** IS.718,740,1978 BGBL** IS.2069,2069,1980	
DEU	REG	FOOD LABEL PACK USE	MRL					
DEU	REG	LABEL PACK USE	RQR					
DEU	REG	LABEL PACK USE	RQR					
DEU	REG	LABEL PACK USE	RSTR					
EEC	REG	LABEL PACK	RQR	T - TOXIC. VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27). KEEP OUT OF REACH OF CHILDREN (S 2). 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). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETTING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	JUN1982		OJEC** L.360, 1, 1976	
EEC	REG	GOODS	PRO		1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982	
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RSTR	TOXIC SUBSTANCE (CLASS I/A) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGING AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN 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	1JAN1984	JAN1983	OJEC** L213, 17, 1982	
FAO/WHO	REC	FOOD	CL			APR1982	FPPDD 20, 80, 1980	

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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.

GBR	REG	LABEL	PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978	JAN1983	GBRSI*	209,1,1978
GBR	REG	TRNSP LABEL	TRNSP LABEL	RQR CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. E 28MCH1979	JAN1983	GBRSI*	1702,1,1978
GBR	REC	AIR OCC	AIR OCC	TLV	TWA : 65 MG/M3 (10 PPM) SKIN ABSORPTION STEL : 130 MG/M3 (20 PPM) (INTENDED CHANGES : TWA : 30 MG/M3 (5 PPM) STEL : 125 MG/M3 (20 PPM) INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN. SKIN ABSORPTION HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.	MCH1983	GNHSE*	EHT5/80,9,1980
IMO	REC	TRNSP LABEL	MAR IN CLASS LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.	SEP1982	IMCOC*	4,10003,1977
IMO	REG	OCC STORE USE PACK LABEL RMV	OCC STORE USE PACK LABEL RMV	RQR WARN	CODE OF SAFETY INCL. STORAGE, HANDLING, PACKAGING, LABELLING (WARN), PREVENTIVE MEASURES, EDUCATION AND TRAINING, PROTECTIVE EQUIPMENT, PERIODIC HEALTH EXAMINATIONS, AIR ANALYSIS, FIRST AID, CLEANING AND REPAIR OF TANKS, WASTE DISPOSAL.	DEC1982	INDS**	IS.5311,-,1969
JPN	REC	AIR CLASS LABEL	AIR CLASS LABEL	MAC CLASS RQR	65 MG/M3 (10 PPM) (SKIN ABSORPTION) HAZARD CLASS: 3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	NOV1982	SAIGLB SUP23(5)	565,1981
JPN	REG	SALE CLASS LABEL	SALE CLASS LABEL	RSTR CLASS RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER	JUL1983	JPPDC*	-,-,-
SUN	REG	AQ SURF	AQ SURF	MAC	0.3 MG/L	JUN1982	PKTV**	-,-,1978
SUN	REG	AIR AMBI	AIR AMBI	MAC	4.0 MG/M3 1X/D; 2.0 MG/3 AV/D.	JUN1982	PKTV**	-,-,1978
SUN	REG	FOOD	FOOD	MRL	LIMITS	JUN1982	NIKDP*	-,512,1978
SUN	REG	AIR OCC	AIR OCC	MAC	CLV : 20.0 MG/M3 (VAPOUR)	JAN1977	GOSTS*	12.1.005,-,1976
SWE	REG	AIR	AIR	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978	STNAF*	1978:5(Pk:6),1,1978
SWE	REC	AIR OCC	AIR OCC	TLV	TWA : 13 MG/M3 (2 PPM) STEL : 19 MG/M3 (3 PPM) SKIN ABSORPTION, CARCINOGENICITY	SEP1982	AFS***	1981:8,9,1981
UN	REC	TRNSP LABEL	TRNSP LABEL	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.	SEP1982	UNTDG*	-,9,1982
USA	REC	AIR OCC	AIR OCC	TLV	TWA: 30 MG/M3 (5 PPM); STEL: 125 MG/M3 (20 PPM) (SKIN ABSORPTION) 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.	JAN1983	ACGTH*	-,9,1982
USA	REG	WASTE	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	CFRUS*	40 (261),368,1981
USA	REC	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: FFERAC 46,38318,1981; 47,27531,1982 (INTERIM))	JUL1983	CFRUS*	40(264),455,1981
USA	REG	WASTE	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;	19NOV1980	CFRUS*	40(261).358,1981

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46,47429,1981; 46,56582,1981 (INTERIM); 47,36
097,1982; 48,2532,1983 (INTERIM); 48,11157,19
83 (ENFORCEMENT GUIDANCE).

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) TWA: 10PPM (63 MG/M3); CLV: 25PPM (160 MG/M3) (MAXIMUM ALLOWABLE PEAK FOR UP TO 5 MINUTES IN ANY 4-HOUR PERIOD: 200PPM (1260 MG/M3)) EMPLOYERS MAY NOT USE THE SUBSTANCE AS A FIRE EXTINGUISHING AGENT WHERE EMPLOYEES MAY BE EXPOSED.

USA REG AIR OCC PEL JUN1974 APR1983 CFRUS* 29(1910), 673, 1981

USA REG USE OCC RSTR JUN1983 CFRUS* 29 (1910), 376, 1981

USA REG FOOD FEED ARL APR1983 CFRUS* 40(180), 269, 1981

USA REG WASTE CLASS 10DEC1982 JUN1983 FEREAC 47, 31230, 1982

USA REG WASTE CLASS 10DEC1982 JUN1983 FEREAC 47, 31319, 1982

USA REG AQ EMI RQR RSTR MAY1983 CFRUS* 40 (117), 44, 1981

USA REG AQ EMI CLASS MAY1983 CFRUS* 40(116), 33, 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) TWA: 10PPM (63 MG/M3); CLV: 25PPM (160 MG/M3) (MAXIMUM ALLOWABLE PEAK FOR UP TO 5 MINUTES IN ANY 4-HOUR PERIOD: 200PPM (1260 MG/M3)) EMPLOYERS MAY NOT USE THE SUBSTANCE AS A FIRE EXTINGUISHING AGENT WHERE EMPLOYEES MAY BE EXPOSED.

EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED CROPS.

IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE MOST 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.

IN ACCORDANCE WITH THE LAW REQUIRING THE IDENTIFICATION OF THE MOST 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 CARBON TETRACHLORIDE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 0 AND THE REACTIVITY VALUE IS 0.

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.

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	WASTE	MXL	JUL1983	CFRUS*		
				CARBON TETRACHLORIDE IS AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATIONS AND PRE-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) (ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983)						
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 CONCS 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				JUL1983	CFRUS* 21(176), 152, 1981	
USA	REG	WASTE	RQR	THE ANALYTICAL METHODS 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	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	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: 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	
WHO	REC	AQ	DRINK	GL	3 UG/L (TENTATIVE GUIDELINE VALUE)				MCH1983	WHODW* -, 17, 1983

FS9100000 CHLOROFORM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	OCC	AL		AUG1982	SMTBR* 3,141,1980
CSK	REG	AIR	OCC	MAC		MAY1982	HPMZC* 39, -, 1978
DEU	REG	AIR	EMI	MXL	OCT1978	JUN1982	KOIMM* 1, IB 1/12, 1979
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	10CT1980	JUN1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980	JUL1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK		RQR RQR		JUN1982	OJEC** L.360, 1, 1976
EEC	REG	CLASS PACK LABEL SALE		RQR RQR RSTR	1JAN1984	JAN1983	OJEC** L213, 17, 1982
GBR	REG	LABEL - PACK -		RQR RQR	15EP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRNSP LABEL		RQR	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REC	AIR	OCC	TLV		MCH1983	GMISE* E115/80, 9, 1980
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS		SEP1982	IMCOC* 4, 10003, 1977

94 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEG
 REE : MAXIMUM)
 TWA : 50.0 MG/M3
 CLV : 250.0 MG/M3
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST N
 OT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE
 CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLA
 SS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C
 LASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H
 CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 K
 G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE P
 RESENT THE MASSCONCENTRATION MUST NOT EXCEED
 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II
 50 MG/M3 (10 PPM) (VP=21.0 KPA AT 20C) SUSPEC
 TED AS BEING A CARCINOGENIC WORKING MATERIAL.
 THE MAK VALUE IS THEREFORE TENTATIVELY RETAIN
 ED.
 FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360
 , 1, 1976). HANDLING OF SOME GROUPS OF CHEMICA
 LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,
 EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)
 IS PROHIBITED OR RESTRICTED FOR PREADULTS AND
 PREGNANT OR NURSING WOMEN.
 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 CL
 ASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB,
 IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS
 IIA.
 XN - HARMFUL. HARMFUL BY INHALATION (R 20).
 KEEP OUT OF REACH OF CHILDREN (S 2). AVOID
 CONTACT WITH SKIN AND EYES (S 24/25).
 HARMFUL SUBSTANCE (CLASS I/A) 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
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360
 , 1, 1976)
 LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. E
 MERGENCY ACTION CODE: 2Z
 TWA : 50 MG/M3 (10 PPM) STEL : 225 MG/M3 (50
 PPM) INDUSTRIAL SUBSTANCE SUSPECT OF CARCINO
 GENIC POTENTIAL FOR MAN
 HAZARD CLASS: 9 - MISCELLANEOUS DANGEROUS SUB
 STANCE.
 PACKING GROUP: II = SUBSTANCE PRESENTING MEDI
 UM DANGER.

JPN	REG	CLASS LABEL	CLASS LABEL	CLASS RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983 JPPDL* -,-,
SWE	REG	AIR	SALE	RSTR	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	OCT1982 STNAF* 1978:5(PK:6),1,1978
SWE	REG	AIR	OCC	TLV	TWA : 10 MG/M3 (2 PPM) CARCINOGENIC STEL : 25 MG/M3 (5 PPM)	1JAN1982 AFS*** 1981:8,9,1981
UN	REG	TRNSP LABEL	PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER.	SEP1982 UNTDG* -,9,1982
USA	REG	AIR	OCC	TLV	TWA: 50 MG/M3 (10 PPM); STEL: 225 MG/M3 (50 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.	JAN1983 ACGIH* -,9,1982
USA	REG	WASTE	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	WASTE	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: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	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 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE)).	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD FEED	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: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981

USA	USA	REG	AIR	OCC	PEL	CLV: 240 MG/M3 (50PPM) EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED AS A FUMIGANT AFTER HARVEST ON CERTAIN SPECIFIED G RAINS.	JUN1974	APR1983 CFRUS* 29(1910),673,1981 APR1983 CFRUS* 40(180),269,1981
USA	USA	REG	AQ	DRINK	MPC	CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT W ATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.1 M G/L OF THE TRIHALOMETHANES BROMODICHLOROMETHA NE, DIBROMOCHLOROMETHANE, BROMOFORM & CHLOROF ORM (CALCULATED AS THE SUM). ANALYSIS, MONITO RING AND REPORTING REQUIREMENTS ARE DESCRIBED (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	24DEC1976	MAY1983 CFRUS* 40(141),309,1981
USA	USA	REG	WASTE	CLASS	RQR	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 CHLOROFORM IS RATED AS A HIGHLY PERSISTENT COMPOUND	10DEC1982	JUN1983 FEREAC 47.31230.1982
USA	USA	REG	WASTE	CLASS	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. ONE CRITERION FOR ESTABLISHING THE RELATIVE R ISK OR DANGER IS THE CHARACTERISTICS OF WASTE S IN A GIVEN FACILITY. FOR EXAMPLE, FOR CHLOR OFORM THE TOXICITY VALUE IS 3, THE PERSISTENC E VALUE IS 3, THE IGNITABILITY VALUE IS 0 AND THE REACTIVITY VALUE IS 0	10DEC1982	JUN1983 FEREAC 47.31319,1982
USA	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 POLLUT ION CONTROL ACT.	MAY1983	CFRUS* 40(116),33,1981
USA	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 SUBSTANC E IN OR ON NAVIGABLE WATERS, ADJOINING SHOREL INES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUA L TO OR MORE THAN 2270 KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT.	MAY1983	CFRUS* 40 (117),44,1981
USA	USA	REG	AQ	EMI	CLASS	CHLOROFORM 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)	JUL1983	CFRUS* 40(403),8,1981
						(ALSO: 47,31554,1982; 47,46434,1982; 47,52848 ,1982; 47,55226,1982; 48,15382,1983)		

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(175), 114, 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	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 FEED	ARL	BECAUSE IT INDUCES ONCOGENIC EFFECTS IN TEST ANIMALS AND IS CONSIDERED A POTENTIAL HUMAN CARCINOGEN, THOSE REGISTERING THE SUBSTANCE FOR GRAIN-FUMIGATION MUST SUBMIT DATA TO ESTABLISH A TOLERANCE OF PERMISSIBLE RESIDUES IN RAW AGRICULTURAL COMMODITIES	4FEB1983 AUG1983 FEREAC 48,498, 1983
USA	REC	AQ	DRINK MPC	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.10MG/L OF TOTAL TRICHALOMETHANES	13OCT1981 AUG1983 FEREAC 46,41037, 1981
WHO	REC	AQ	DRINK GL	30 UG/L (DISINFECTION EFFICIENCY MUST NOT BE COMPROMISED WHEN CONTROLLING THIS PARAMETER)	MCHT1983 WHODW* -, 17, 1983
WHO/FAO	REC	HUMAN FOOD	ADI	*THIS SUBSTANCE IS UNSUITABLE AS A FOOD ADDITIVE.*	DEC1982 WHFAAC 14,1, 1980

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GB2450000		CHROMIC ACID					
BRA	REG	AIR OCC	AL	0.04 MG/M3 (FOR 48H/WK) (HAZARDOUS GRADE : MA XIMUM)		AUG1982	SMTBR* 3, 139, 1980
DEU	REC	AIR OCC	MAK	0.1 MG CRO3/M3. SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THE BEFORE TENTATIVELY RETAINED.		MCH1983	DFSK** XVIII, 14, 1982
EEC	REG	GOODS	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN CE IS PROHIBITED. (APPLIES TO CHROMIC ACID AND ITS SALTS.)	1JAN1986	NOV1982	CJEC** 25(L167), 1, 1982
GBR	REG	TRNSP LABEL	RQR	CLASS LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE E. EMERGENCY ACTION CODE: 2X (APPLIES TO CHROMIC ACID SOLUTION)	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
IMO	REC	TRNSP MARIN LABEL PACK	CLASS	HAZARD CLASS: 8 = CORROSIVE PACKING GROUP: 11 = SUBSTANCE PRESENTING MED IUM DANGER. (APPLIES TO CHROMIC ACID SOLUTION)	-	SEP1982	IMCOC* 4, 10003, 1977
JPN	REG	CLASS LABEL SALE	RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO CHROMATES)		JUL1983	JPPDC* -, -,
SWE	REG	AIR OCC	TLV	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE TWA : 0.02 MG/M3 OF CHROMIC ACID AND CHROMATE S, AS CR - CARCINOGENIC, SENSITIZATION	22DEC1978	OCT1982	STNAF* 1978:5(PK:6), 1, 1978
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 8 = CORROSIVE PACKING GROUP: 11 = SUBSTANCE PRESENTING MED IUM DANGER. (APPLIES TO CHROMIC ACID SOLUTION).	-	SEP1982	UNTDG* -, 9, 1982
USA	REG	WASTE	RSTR	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	13JUL1981	APR1983	CFRUS* 40(264), 405/445, 1981
USA	REG	AIR OCC	PEL	GLV: 0.1 MG/M3 (APPLIES TO CHROMIC ACID AND CHROMATES)	C JUN1974	APR1983	CFRUS* 29(1910), 673, 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 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 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.		MAY1983	CFRUS* 40(116), 33, 1981
USA	REG	AQ EMI	RQR			MAY1983	CFRUS* 40(117), 44, 1981

RECOMMENDATIONS-LEGAL MECHANISMS

GB420000 CHROMIUM

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	OCT1978	MAY1982	HPMZC* 39, -, 1978
CSK	REG	HUMAN FOOD	MPC	TWA : 0.05 MG/M3 CLV : 0.1 MG/M3 LIMITS OF RESIDUES PRESENT DUE TO PRODUCTION, APPLIES ALSO TO COMPOUNDS	OCT1978	MAY1982	HPMZC* 43, -, 1978
CSK	REG	USE	PRO	PROHIBITED IN COSMETICS (APPLIES TO CHROMIUM AND ITS COMPOUNDS)	JAN1971	MAY1982	HPMZC* 32, -, 1970
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XV111, 14, 1982
DEU	REG	AQ	DRINK	MPC	JAN1976	NOV1982	BGBL** I.S.764, 764, 1980
EEC	REG	AQ	DRINK	MAC	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982
EEC	REG	AQ	DRINK	MAC	30AUG1982	JAN1983	OJEC** L229, 11, 1980
EEC	REG	AQ	EMI	RSTR		JAN1983	OJEC** L129, 23, 1976
GBR	REC	AIR	OCC	TLV		MCH1983	GNHSE* EH15/80, 9, 1980
GBR	REC	AIR	OCC	TLV		MCH1983	GNHSE* EH15/80, 3, 1980
IND	REC	FOOD	SEL	MPC	2JUL1982	DEC1982	PFAIN* -, 64&141, 1981
JPN	REC	AIR	OCC	CLASS		NOV1982	SAIGLB SUP23(5), 565, 1981
JPN	REC	AIR	OCC	MAC		NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REC	AIR	AMBI	MAC		DEC1982	QEJPN* -, 400, 1981
SWE	REC	AIR	OCC	TLV	1JAN1982	JUN1982	PDKTV* -, -, 1978
SWE	REC	WASTE	RQR	ENTERPRISES WHERE WASTE CONSISTING OF SURFACE TREATMENT PRODUCTS CONTAINING CHROMIUM OCCUR 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.	1JUL1975	JUN1983	SVENF* 1975:346, 1, 1975

USA	REC	AIR	OCC	TLV		JAN1983	ACGIH*	- , 9, 1982
USA	REG	WASTE		RQR	<p>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) COMPOUNDS, CALCULATED AS CR; TWA: 0.05 MG/M3 AS CHROMIUM (VI) COMPOUNDS, CALCULATED AS CR; TWA: 0.05 MG/M3 AS CHROMIUM (III) COMPOUNDS, CALCULATED AS CR; TWA: 0.05 MG/M3 AS CHROMIUM (VI) COMPOUNDS, CALCULATED AS CR; TWA: 0.05 MG/M3 AS CERTAIN WATER-SOLUBLE CHROMIUM (VI) COMPOUNDS, HUMAN CARCINOGENS, CALCULATED AS CR; TWA: 0.05 MG/M3 IN CHROMIUM ORE PROCESSING (CHROMATE) RECOGNIZED AS MG/M3 AS SOLUBLE CHROMIC, CHROMOUS SALTS, CALCULATED AS CR.</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: FER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO CHROMIUM AND ITS COMPOUNDS)</p> <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 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 CHROMIUM AND ITS COMPOUNDS)</p> <p>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)</p> <p>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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)</p> <p>(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).</p> <p>TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)</p>	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE		RQR	<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 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 CHROMIUM AND ITS COMPOUNDS)</p> <p>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)</p> <p>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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)</p> <p>(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).</p> <p>TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)</p>	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	WASTE		RQR	<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 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 CHROMIUM AND ITS COMPOUNDS)</p> <p>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)</p> <p>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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)</p> <p>(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).</p> <p>TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)</p>	19NOV1980	APR1983	CFRUS* 40 (265), 483/536, 1981
USA	REG	WASTE		RQR	<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 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 CHROMIUM AND ITS COMPOUNDS)</p> <p>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)</p> <p>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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)</p> <p>(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).</p> <p>TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)</p>	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	WASTE		RQR	<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 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 CHROMIUM AND ITS COMPOUNDS)</p> <p>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)</p> <p>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 IN THE APPLICATION, C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR. (APPLIES TO THE TOTAL CHROMIUM)</p> <p>(AMENDED: FER EAC 46,34091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983).</p> <p>TWA: 1MG/M3 (APPLIES TO CHROMIUM METAL AND SOLUBLE SALTS); TWA: 0.5 MG/M3 (APPLIES TO SOLUBLE CHROMIC OR CHROMOUS SALTS)</p>	APR1983	CFRUS* 29(1910), 673, 1981	

USA	REG AQ	EMI	RQR	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 (DIPHENYL-CARBAZIDE) PRECEDED BY DIGESTION FOR TOTAL CR AND BY 0.45 MICRON FILTRATION FOR DISSOLVED CR).	160CT1973 MAY1983 CFRUS* 40(136), 298, 1981
USA	REG OCC		RQR	RESPIRATORS OR LOCAL EXHAUST VENTILATION ARE REQUIRED FOR ALL OPERATIONS INVOLVING THE IMMISSION OF MATERIALS IN LIQUIDS OR THEIR VAPOURS FOR CLEANING, FINISHING, ETC. (OPEN SURFACE TANK OPERATIONS), IF MAINTENANCE WORK REQUIRING AN OPEN FLAME IS UNDERTAKEN WHERE THERE MAY BE TOXIC FUMES OF THE SUBSTANCE (OR OTHER TOXIC METAL FUMES).	JUN1983 CFRUS* 29(1910), 174, 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 0.05 MG/L OF CHROMIUM. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	MAY1983 CFRUS* 40(141), 309, 1981
USA	REG AQ	EMI WASTE MXL	CLASS	CHROMIUM 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.	JUL1983 CFRUS* 40(403), 8, 1981
USA	REG AQ	EMI	RSTR	(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) 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 CONTROL ACT 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 FEREAC 47,31180,1982) 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: FEREAC 47,52144,1982) THE FOOD ADDITIVE TRIFLUOROMETHANE SULFONIC ACID MUST CONTAIN NO MORE THAN 30 MG/KG (OF HEAVY METALS)	JUL1983 CFRUS* 40(1510), 525, 1981
USA	REG AQ	DRINK	MPC	SPECIFIED FOOD COLOURING AGENTS : -	JUL1983 CFRUS* 21(103), 52, 1981
USA	REG GOODS	FOOD	MPC	SPECIFIED DRUG COLOURING AGENTS : 0.75-1G/KG (AS CR203, IN 2% NAOH EXTRACT)	MAY1983 CFRUS* 21(74), 272, 1981
USA	REG FOOD	FOOD	MPC	SPECIFIED COLOURING AGENTS : 0.75-1 G/KG (AS CR203, IN 2% NAOH EXTRACT)	JUN1983 CFRUS* 21(173), 114, 1981
USA	REG GOODS	FOOD	MPC	SPECIFIED COLOURING AGENTS : -	MAY1983 CFRUS* 21(73), 240-265, 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) 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)	MAY1983 CFRUS* 21(82), 308, 1981
USA	REG	WASTE	RQR	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)	APR1983 CFRUS* 40(261), 376, 1981
USA	REG	WASTE	MPC CLASS RSTR	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.	APR1983 CFRUS* 40(261), 360, 1981
USA	REG	WASTE - DRINK AQ	RQR MPC	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 : FERLAC 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))	15OCT1979 APR1983 CFRUS* 40(257), 332, 335, 1981
USA	REG	WASTE	CLASS RSTR RQR	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.	APR1983 CFRUS* 40(261), 362, 378, 1981
WHO	REC	AQ	DRINK GL	0.05 MG/L	MCH1983 WHODW* -, 15, 1983

RECOMMENDATIONS-LEGAL MECHANISMS

CB6262000 CHROMIUM (VI)

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	MAC	TWA : 0.05 MG/M3 CLV : 0.1 MG/M3	OCT1978	MAY1982	HPMZC* 39, -, 1978
CSK	REG	AQ	SURF	0.1 MG/L	APR1975	MAY1982	SZCSR* 9, 125, 1975
CSK	REG	AQ	DRINK	APPLIES ALSO TO COMPOUNDS 0.05 MG/L	JAN1975	MAY1982	CSNOR* 830611, -, 1974
CSK	REG	AQ	SURF	APPLIES ALSO TO COMPOUNDS DRINKING WATER RESERVE : 0.05 MG/L	APR1975	MAY1982	SZCSR* 9, 125, 1975
GBR	REG	AIR	TLV	APPLIES ALSO TO COMPOUNDS TWA:0.05 MG/M3 (AS CR) OR 0.1 MG/M3 (AS CRO3)		MCH1983	GNHSE* EH15/80, 3, 1980
JPN	REG	AQ	AMBI	ENVIRONMENTAL WATER QUALITY STANDARD : < 0.05 MG/L AS AN ABSOLUTE MAXIMUM VALUE		DEC1982	QEJPN* -, 385, 1981
MEX	REG	AQ	AMBI	0.01 MG/L IN ESTUARIES	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ	AMBI	0.001 MG/L IN COASTAL WATERS	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ	AMBI	1) 0.05 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
SUN	REG	AQ	MAC	2) 0.1 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES			
USA	REG	AQ	TLV	3) 5.00 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES			
USA	REG	AQ	EMI	0.1 MG/L TWA: 0.05 MG/M3 AS WATER-INSOLUBLE CR(VI) COMPOUNDS, CALCULATED AS CR. TWA: 0.05 MG/M3 AS CERTAIN WATER-INSOLUBLE CR(VI) COMPOUNDS RECOGNIZED AS HUMAN CARCINOGENS.		JUN1982	PDKTV* -, -, 1978
USA	REG	AQ	RQR	WHENEVER THE SUBSTANCE IS REQUIRED TO BE MEASURED FOR PURPOSES OF DISCHARGE PERMIT APPLICATIONS AND REPORTS, THE SPECIFIED MEASURING PROCEDURES MUST BE USED (EXTRACTION AND ATOMIC ABSORPTION; COLORIMETRY FOR TOTAL CR (VI) AND PRECEDED BY 0.45 MICRON FILTRATION FOR DISSOLVED CR(VI))	16OCT1973	MAY1983	CFRUS* 40(136), 298, 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

RECOMMENDATIONS-LEGAL MECHANISMS

GL5900000 COPPER ARSENATE HYDROXIDE

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
IMO	REC TRNSP MAR IN CLASS LABEL PACK	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = VERY DANGEROUS SUBS TANCE/SUBSTANCE PRESENTING MEDIUM/MINOR DANGE R. (APPLIES TO LIQUID AND SOLID ARSENATES)	SEP1982	IMCOC* 4, 10003, 1977

GL7020000 COPPER OXYCHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REG	USE FOOD	AGRIC MRL	PRMT	AUG1981	MAY1982 MCH1982	SPPOR* -, -, 1981 BGBL** IS. 718, 731, 1978
IND	REC	PACK LABEL	RQR	RQR		DEC1982	INDS** IS. 5279, -, 1978
JPN	REG	USE	AGRIC	PRMT		JUL1983	JPAGR* -, -,
SUN	REG	AIR	AMBI	MAC		JUN1982	PDKTY* -, -, 1978
SWE	REG	USE		PRMT		OCT1982	PFBEK* -, 84, 1982
SWE	REG	SALE LABEL CLASS USE STORE		PRMT RQR PRMT RQR		OCT1982	PFBEK* -, 58, 1982
USA	REG	FOOD		ARL		APR1983	CFRUS* 40(180.1001), 249, 1981

PLANT (SPECIFIED) 20.0-40.0 MG/KG; PLANT (GENERAL) 10.0 MG/KG. (WITH OTHER COPPER COMPOUND S. CALCULATED AS CU)
 PACKING, LABELLING, ANALYSIS AND QUALITY STANDARDS FOR TECHNICAL GRADE.
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE
 0.003 MG/M3 , 1X/D
 0.0038 MG/M3 , AV/D
 AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPARING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS
 THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PRODUCT'S 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).
 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.

GL7150000 COPPER CYANIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	-	SEP1982	IMCOC* 4, 10003, 1977
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	-	SEP1982	UNTDG* -, 9, 1982
USA	REG	WASTE	RSTR RQR	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). 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))	19NOV1980	JUL1983	CFRUS* 40(261), 367, 1981
USA	REG	WASTE	RQR	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).	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	RSTR RQR	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).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981

GL8050000 COPPER (I) OXIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 20.0-40.0 MG/KG; PLANT (GENERAL) 10.0 MG/KG. (WITH OTHER COPPER COMPOUNDS, CALCULATED AS CU).	1 AUG 1978	MCH 1982	BCBI** IS. 718, 731, 1978
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL 1983	JPAGR* -, -,
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL 1983	JPAGR* -, -,
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.		APR 1983	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: FER EAC 47,44562, 1982)		APR 1983	CFRUS* 40(180), 269, 1981

GL8900000 COPPER SULFATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	PLANT (SPECIFIED) 20.0-40.0 MG/KG; PLANT (GENERAL) 10.0 MG/KG. (WITH OTHER COPPER COMPOUND S, CALCULATED AS CU)	AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REG	FOOD	MRL	0.009 MG/M3, 1X/D	1AUG1978	MCH1982	BGBL** 15.718,731,1978
SUN	REG	AIR	AMBI	0.004 MG/M3, AV/D		JUN1982	PKTV* -,-,1978
SUN	REG	AQ	SURF	SURFACE WATER FOR FISHING : 4 UG/L		JUN1982	PKTV* -,-,1978
SUN	REG	FOOD	MRL	LIMITS		JUN1982	NIKDP* -,-512,1978
SWE	REG	SALE	PRMT	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	OCT1982	SINAF* 1978:5(PK:6),1,1978
SWE	REG	LABEL	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).		OCT1982	PFBEK* -,-58,1982
SWE	REG	CLASS USE STORE	RQR	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	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: FEB 47, 1982)		APR1983	CFRUS* 40(180.1001),249,1981
USA	REG	FOOD FEED	ARL	THIS SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE.		APR1983	CFRUS* 40(180),269,1981
USA	REG	FOOD	PRMT	THIS SUBSTANCE IS GENERALLY RECOGNIZED AS SAFE FOR USE IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE.		JUL1983	CFRUS* 21(182),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(582),571,1981

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

GN4200000 COUMARIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IND USA	REG REC	FOOD USE FOOD	PRO PRO	PROHIBITED AS FLAVOURING AGENT IN ANY FOOD COUMARIN IS PROHIBITED FROM USE IN HUMAN FOOD . FOOD CONTAINING ANY ADDED OR DETECTABLE LEV EL IS ADULTERATED. (AMENDED: FERAC 47,11855, 1982)	9DEC1958	DEC1982	PFAIN# - 69,1981 JUL1983 CFRUS# 21(189),378,1981
WHO/FAO	REC	HUMAN FOOD	ADI	NO ADI ALLOCATED.	-	DEC1982	WHFAAC 16,6,1981

RECOMMENDATIONS-LEGAL MECHANISMS

GN4550000 WARFARIN

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REC	AIR	OCC	MAK	10CT1980	MCH1983	DFSK** XVIII,14,1982
DEU	REC	LABEL	-	RQR		JUN1982	BCBL** IS.2069,2069,1980
		PACK	-	RQR			
		USE	OCC	RSTR			
DEU	REG	AIR	IMI	RQR		MAY1982	BGBL** IS.772.772,1980
		AQ	IMI	RQR			
		SOIL	IMI	RQR			
		SED	IMI	RQR			
EEC	REG	LABEL		RQR	JUN1982		OJEC** L.360,1,1976
		PACK		RQR			
EEC	REG	GOODS		PRO	1JAN1986	NOV1982	OJEC** 25(L167),1,1982
EEC	REG	MANUF	-	CLASS	8JAN1984	DEC1982	OJEC** L230,1,1982
		USE	INDST	RQR			
GBR	REG	LABEL	-	RQR	JAN1983		GBRSI* 209,1,1978
		PACK	-	RQR			
GBR	REC	AIR	OCC	TLV	MCH1983		GMHSE* EH15/80,9,1980
IMO	REC	TRNSP	MARIN	CLASS	JUL1983		IMCOC* III,9030,1977
		LABEL					
		PACK					
IMO	REC	TRNSP	MARIN	CLASS	JUL1983		IMCOC* III,6147,1977
		LABEL					
		PACK					
JPN	REG	USE	AGRIC	PRMT	JUL1983		JPACR* -,-,

0.5 MG/M3
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360
 1,1976). HANDLING OF SOME GROUPS OF CHFMICA
 (S (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS,
 EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS)
 IS PROHIBITED OR RESTRICTED FOR PREADULTS AND
 PREGNANT OR NURSING WOMEN.
 REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS
 REQUIRED THAT SECURITY MEASURES BE TAKEN IN
 SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIE
 S TO PREVENT AS WELL AS TO LIMIT THE EFFECTS
 OF INCIDENTS DURING WHICH THE SUBSTANCE COULD
 BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE
 AND CAUSE A PUBLIC DANGER.
 1 - 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). IF Y
 OU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE
 LABEL WHERE POSSIBLE) (S 44).
 SUBSTANCE WHICH MUST NOT FORM PART OF THE COM
 POSITION OF COSMETIC PRODUCTS. THE MARKETIN
 G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN
 CE IS PROHIBITED. (APPLIES TO WARFARIN AND I
 TS SALTS.)
 LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES
 >=100KG 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
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360
 1,1976)
 IWA : 0.1 MG/M3 STEL : 0.3 MG/M3
 HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUB
 STANCE AT CONC. IS BELOW 1.0%
 LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HA
 ZARD
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT
 CONC. IS ABOVE 1%
 LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH
 HAZARD
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A
 RODENTICIDE

SUN	REG	AIR	OCC	MAC	CLV	JUN1982	PDKTV*	-	1978
SWE	REG	SALE	OCC	CLASS	0.001 MG/M3 (AEROSOL)	22DEC1978	STNAF*	1978:5(PK:6),1,1,1978	
SWE	REG	LABEL		PRMT	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE				
		CLASS		RQR	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST				
		USE		PRMT	ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH				
		STORE		RQR	E PRODUCTS CONTROL BOARD AND THEREFORE MAY BE				
					MARKETED AND USED. RULES FOR LABELLING, STO				
					RAGE, HANDLING AND USE OF THE PESTICIDE FORMU				
					LATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL				
					BOARD, WHICH ALSO CLASSIFIES EACH FORMULATIO				
					N INTO ONE OF THREE HAZARD CLASSES (1=MOST HA				
					ZARDOUS, 3=LEAST HAZARDOUS)				
UN	REC	TRNSP		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.		SEP1982	UNTDG*	183,1982
		LABEL		PACKING GROUP: I = VERY DANGEROUS SUBSTANCE W					
		PACK			HEN AI=100->20%; II = SUBSTANCE PRESENTING ME				
					D IUM DANGER WHEN AI=20->2%; III = SUBSTANCE P				
					RESENTING MINOR DANGER WHEN AI=2->0% (SOLID				
					OR LIQUID).				
					(APPLIES TO WARFARIN AND SALTS THEREOF).				
					TWA: 0.1 MG/M3; STEL: 0.3 MG/M3.				
USA	REC	AIR	OCC	CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL		JAN1983	ACGIH*	9,1982
USA	REC	WASTE		RSTR	PRODUCT, IS IDENTIFIED AS AN "ACUTE HAZARDOU		19NOV1980	JUL1983	CFRUS* 40(261),367,1981
				RQR	S WASTE' SUBJECT TO HANDLING, TRANSPORT, TREA				
					MENT, 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).				
					(APPLIES TO WARFARIN AND ITS SALIS)				
USA	REG	WASTE		RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC		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))				
					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).				
					TWA: 0.1 MG/M3				
USA	REG	AIR	OCC	PEL			JUN1974	APR1983	CFRUS* 29(1910),673,1981

GNJ4830000 COUMACHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
CSK DEU	REG REG	USE LABEL PACK - USE OCC RSTR	AGRIC PRMT RQR RQR RSTR	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.	AUG1981 MAY1982 JUN1982	SPPOR* -, -, 1981 BCBL** IS.2069, 2069, 1980
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 AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFF (S 13). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL PACK - RQR	RQR	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 1.0% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JAN1983	GBRSI* 209, 1, 1978
IMO	REC	TRNSP MARIN CLASS LABEL PACK	RQR	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 1% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC* III, 9030, 1977
IMO	REC	TRNSP MARIN CLASS LABEL PACK	RQR	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-10% (SOLID) OR 100-2% (LIQUID).	JUL1983	IMCOC* III, 6147, 1977
UN	REC	TRNSP MARIN CLASS LABEL PACK	RQR		SEP1982	UNTDG* -, 183, 1982

AREA	TYPE SUBJECT	DESCR LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
GN6300000	COUMAPHOS			
DEU	REG FOOD	MRL	MAY1982	BGBL** IS.1525,1525,1978
		OF ANIMALORIGIN (SPECIFIED) : 0.5-1.0 MG/KG LWT, 0.05 MG/KG WWT		
		OF ANIMALORIGIN (GENERAL) : 0.01 MG/KG WWT		
		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.		
EEC	REG LABEL PACK	RQR	JUN1982	OJEC** L.360,1,1976
		T - 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 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). WITHDRAWN		
FAO/WHO REC	FOOD	A01		FPPDD 26.67,1981
FAO/WHO REC	FOOD	GL		FPPDD 26.75,1981
		CARCASS MEAT OF CATTLE, POULTRY MEATS 1 MG/KG LWT; CARCASS MEAT OF GOATS, PIGS AND SHEEP, MILK PRODUCTS 0.5 MG/KG LWT; EGGS 0.05 MG/KG; MILK 0.02 MG/KG.		
GBR	REG LABEL PACK	RQR	JAN1983	GBRSI* 209,1,1978
		FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360		
		,1,1976)		
KEN	REG FOOD	RQR	27JUN1973	GSKEN* 40.410,1978
MEX	REG AQ	MXL		DOMEX* 29 MCH,1167,1973
SUN	REG FOOD	MPC		NIKOP* -,512,1978
SWE	REG FOOD	MRL	22DEC1978	SINAF* 1978:5(PK:6),1,1978
		CLASS GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE MEAT AND MEAT BY-PRODUCTS : 0.1 MG/KG (INCL. COUMAPHOS OXYGEN ANALOGUE)	1MCH1983	STLIF* 1983:1,1,1983
UN	REG TRNSP LABEL PACK	CLASS		UNIDC* -,183,1982
		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100->30%; 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=30-3% (SOLID) OR 30-0.5% (LIQUID).		
USA	REG AQ	EMI	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.		
USA	REG FOOD FEED	ARL	APR1983	CFRUS* 40(180),152,1981
		RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.1-1 MG/KG (INCL. THE OXYGEN ANALOGUE)		
USA	REG AQ	EMI	MAY1983	CFRUS* 40(117),114,1981
		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 SHORTLANDS 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.		

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 CONC. REPORTED IN THE APPLICATION C) THE LEVEL ESTABLISHED BY THE EPA DIRECTOR (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981; 47, 24916, 1982; 48, 14146, 1983)

RECOMMENDATIONS-LEGAL MECHANISMS

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**, L.360, 1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (S. 13) INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	T - 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). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).		JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
JPN	REG	AGRIC	PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A RODENTICIDE		JUL1983	JPAGR* -, -,
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR 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).		OCT1982	PFBEK* -, 58, 1982

USA	REC	AIR	OCC	FLV	TWA: 22 MG/M3 (5 PPM) WITH ALL OTHER ISOMERS. (SKIN ABSORPTION)	JAN1983 ACGIH* -, 9, 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	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 ALL CRESOLS)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AIR MANUF	OCC	PEL RQR	TWA: 22 MG/M3 (5PPM). SKIN ABSORPTION 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 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 M-CRESOL THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 1, AND THE REACTIVITY VALUE IS 0	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981 4OCT1982 JUN1983 FEREAC 47, 38780, 1982
USA	REG	WASTE		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: FEREAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO ALL CRESOLS)	10DEC1982 JUN1983 FEREAC 47, 31319, 1982
USA	REG	WASTE		RQR	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.	22JUL1981 JUL1983 CFRUS* 40(264), 455, 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 OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG (OF CRESOL) 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 RSTR		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 GRESOLS) 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 DEED : 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),376,1981
USA	REG WASTE	RQR		APR1983 CFRUS* 40(261),362,378,1981

G06300000 0-CRESOL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1982	BGBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUL1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	- -	RQR RQR		JUN1982	OJEC** L.360, 1, 1976
GBR	REG	LABEL PACK	- -	RQR RQR	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRNSP LABEL	- -	CLASS RQR	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REC	AIR	OCC	TLV		MCH1983	GNHSE* EH15/80, 9, 1980
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	CLASS PACK		SEP1982	IMCOC* 4, 10003, 1977
MEX	REG	AQ	AMBI	MPC	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
SUN	REG	AIR	AMBI	PSL		JUN1982	PDKIV* -, -, 1978
SUN	REG	AQ	SURF	MAC		JUN1982	PDKIV* -, -, 1978
UN	REC	TRNSP LABEL PACK	CLASS	CLASS PACK		SEP1982	UNTDG* -, 9, 1982

THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C MASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H C/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I (CUTANEOUS ABSORPTION) 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 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 : POISONOUS CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS I, IB, IIC, IIB. TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CAUSES BURN (S 34). KEEP OUT OF REACH OF CHILDREN (S 23). 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.) FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976) LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO CRESOLS) TWA : 22 MG/M3 (5PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER. 1.5 MG/L OF CRESOLS IN ESTUARIES 28 UG/M3 SURFACE WATER FOR FISHING : 3 UG/L HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.

USA	REC	AIR	OCC	TLV	TWA: 22 MG/M3 (5 PPM) WITH ALL OTHER ISOMERS. (SKIN ABSORPTION)	JAN1983 ACGIH* -,9,1982
USA	REG	WASTE	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: 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	WASTE	RQR	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 ALL GRESOLS)	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
USA	REG	WASTE	RQR	CLASS RSTR RQR	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 O-CRESOLS IS RATED AS A SOMEWHAT PERSISTENT COMPOUND MANUFACTURED AND PROCESSORS OF GRESOLS (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 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 O-CRESOLS THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 1, THE IGNITABILITY VALUE IS 2 AND THE REACTIVITY VALUE IS 0	JUN1974 APR1983 CFRUS* 29(1910),673,1981 10DEC1982 JUN1983 FERAC 47,31230,1982
USA	REG	MANUF	RQR	CLASS RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE FACILITY 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 GRESOLS)	4OCT1982 JUN1983 FERAC 47,38780,1982
USA	REG	WASTE	RQR	CLASS RQR	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 FERAC 47,31319,1982
USA	REG	WASTE	RQR	CLASS RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE FACILITY 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 GRESOLS)	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	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 (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		APR1983 CFRUS* 40(261), 376, 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

G06475000 P-CRESOL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, IB 1/12, 1979
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUN1982	BCBL** IS.2069,2069,1980
DEU	REG	LABEL PACK USE	- - OCC	RQR RQR RSTR	10OCT1980	JUL1982	BCBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	- -	RQR RQR		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL PACK	- -	RQR RQR	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	TRNSP LABEL	- -	CLASS RQR	28MCH1979	JAN1983	GBRSI* 1702,1,1978
GBR	REC	AIR	OCC	TLV		MCH1983	CNUISE* EH15/80,9,1980
IMO	REC	TRNSP LABEL PACK	MARIN - -	CLASS - -	-	SEP1982	IMCOC* 4,10003,1977
MEX SUN UN	REG REG REC	AQ AIR TRNSP LABEL PACK	AMBI AMBI - - -	MPC PSL CLASS - -	27JUN1973 - -	OCT1982 JUN1982 SEP1982	DOMEX* 29 MCH,1167,1973 PDKTV* -,1978 UNTDG* -,9,1982

THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1KG-H, CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3KG/H, CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30MG/M3. THE SUBSTANCE BELONGS TO CLASS I. (CUTANEOUS ABSORPTION)
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.
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. THE SOLVENT IS CLASSIFIED IN CLASS I B.
T - TOXIC. (NOTE C). TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CAUSES BURN S (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.)
FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1,1976)
LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO CRESOLS)
TWA : 22 MG/M3 (5 PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION
HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE
PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.
1.5 MG/L OF CRESOLS IN ESTUARIES
HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP: I = SUBSTANCE PRESENTING MEDICAL DANGER.

USA	REC	AIR	OCC	TLV	TWA: 22 MG/M3 (5 PPM) WITH ALL OTHER ISOMERS. (SKIN ABSORPTION)	JAN1983 ACGIH* -,9,1982
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 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	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: 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 ALL CRESOLS)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AIR MANUF	OCC	PEL RQR	TWA: 22 MG/M3 (5PPM). SKIN ABSORPTION 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 WASTE 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	JUN1974 APR1983 CFRUS* 29(1910),673,1981 4OCT1982 JUN1983 FERAC 47,38780,1982
USA	REG	WASTE		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)). (APPLIES TO ALL CRESOLS)	10DEC1982 JUN1983 FERAC 47,31319,1982
USA	REG	WASTE		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 SPI LLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	22JUL1981 JUL1983 CFRUS* 40(264), 455, 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 SHORELINES OR THE CONTIGUOUS ZONE IN AN AMOUNT EQUAL TO OR MORE THAN 454 KG (OF CRESOL) 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 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 (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	<p>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)</p>	APR1983 CFRUS* 40(261), 376, 1981
USA	REG WASTE	CLASS RSTR RQR	<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. (AMEND : FEREC 46, 35246, 1981; 46, 40154, 1981; 46, 44972, 1981; 46, 47429, 1981; 46, 56288, 1981; 46, 61273, 1981; 47, 36097, 1982; 47, 52668, 1982; 48, 2532, 1983 (INTERIM) ; 48, 11157, 1983 (ENFORCEMENT GUIDANCE))</p>	APR1983 CFRUS* 40(261), 362, 378, 1981

VII/216 (cont'd.)

THAN THE EQUIVALENT OF FIVE PER CENT. OF DINI
(TROGRESOLS)

GBR	REG	SALE LABEL 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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO DINITROCRESOLES AND THEIR COMPOUNDS WITH A METAL OR A BASE; EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITROCRESOLES)	JAN1983	GBR1S*	218, 1, 1982
IMO	REC	IRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER.	-	IMCOC*	4, 10003, 1977
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 2.5% LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD	JUL1983	IMCOC*	111, 9030, 1977
IMO	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 2.5% LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC*	111, 6147, 1977
JPN	REG	CLASS LABEL SALE	RQR	1 = SUBSTANCE DESIGNATED AS POISONOUS BY LAW	JUL1983	JPPDL*	-,-,-
JPN	REG	CLASS LABEL SALE	RQR	2 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS POISONOUS BY CABINET ORDER (APPLIES TO DNOG AND ITS SALTS, EXCEPT WHEN THE CONCENTRATION IS BELOW 5%)	JUL1983	JPPDC*	-,-,-
SUN	REG	AIR FOOD	PSL	2 UC/M3	JUN1982	PKTV*	-,-,-, 1978
SWE	REG	TRNSP LABEL PACK	PRO	PESTICIDE PROHIBITED IN ALL FOOD GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	JUN1982	NIKDP*	-,-, 512, 1978
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI=100-50%; 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=50-5% (SOLID) OR 50-1% (LIQUID). STEL: 0.6 MG/M3 (SKIN ABSORPTION)	OCT1982	STNAT*	1978:5(PK:6), 1, 1978
USA	REC	AIR OCC	TLV	TWA: 0.2 MG/M3; STEL: 0.6 MG/M3 (SKIN ABSORPTION)	SEP1982	UNIDC*	-,-, 183, 1982
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, 56382, 1981 (INTERIM); 47, 36097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GUIDANCE). (APPLIES TO 4,6-DINITRO-0-CRESOL AND ITS SALTS)	JAN1983	ACG11H*	-,-, 9, 1982
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 DNOG AND ITS SALTS)	19NOV1980	CFRUS*	40(261), 367, 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)	JUL1983	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 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)	19NOV1980	CFRUS*	40(261), 358, 1981

46,47429,1981; 46,56582,1981 (INTERIM); 47,36
097,1982; 48,2532,1983 (INTERIM); 48,11157,19
83 (ENFORCEMENT GUIDANCE). (APPLIES TO ONOC A
ND ITS SALTS)

USA REG AQ RQR 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) 500 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 FOOD FEED AQ ARL CLASS EMI WASTE MXL RAW AGRICULTURAL PRODUCTS (APPLES) : 0.02 MG/KG (INCL. THE SODIUM SALT) NITROPHENOLS (INCL. DINITROCRESOLS) 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.

APR1983 CFRUS* 40(180), 152, 1981
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, 24534, 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 FLAME IONIZATION OR ELECTRON CAPTURE DETECTOR)

USA REG WASTE RQR

APR1983 CFRUS* 40(261), 376, 1981

WHO REC AIR OCC MXL A HEALTH-BASED EXPOSURE LIMIT IN AIR COULD NOT BE ESTABLISHED. A BIOLOGICAL EXPOSURE LIMIT OF 20 MG/L OF DNOX IN WHOLE BLOOD IS RECOMMENDED AS AN INDIVIDUAL MAXIMUM LIMIT. THE BLOOD CONCENTRATION SHOULD BE MEASURED AT THE END OF A WORKSHIFT, AND APPLIES ONLY TO WORKERS NOT EXPOSED TO HEAT STRESS. IN WORKERS WHO ARE EXPOSED TO PHYSIOLOGICAL HEAT STRESS, THE LIMIT SHOULD BE REDUCED ACCORDINGLY.

DEC1982 WHOTAC 677, 3, 1982

QQ5250000 MEVINPHOS

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.1-1.0 MG/KG ("SECURITY" INTERVAL : 4 DAYS)		AUG1982	CDABR* 2,74,1980
CSK	REG	HUMAN	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	OCT1978	MAY1982	HPMZC* 43,-,1978
CSK	REG	USE	CLASS	CLASS DANGEROUS POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22,217,1967
CSK	REG	USE	PRMT	0.1 MG/M3 (0.01 PPM) (CUTANEOUS ABSORPTION)	AUG1981	MAY1982	SPQR* -,1,1981
DEU	REG	AFR	MAK	PLANT (SPECIFIED) 0.1-0.5 MG/KG; PLANT (GENERAL)		MCH1983	DFSK** XVII,14,1982
DEU	REG	FOOD	MRL	AL) 0.05 MG/KG	1AUG1978	MCH1982	BGBL** IS.718,733,1978
DEU	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	PACK	RQR	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.			
DEU	REG	USE	RSTR	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.			
DEU	REG	AIR	IMI	T - 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).			
DEU	REG	SOIL	IMI	LISTED AS A DANGEROUS SUBSTANCE AT QUANTITIES >=100KG IN THE DIRECTIVE ON THE MAJOR ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES.			
DEU	REG	SED	IMI	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			
EEC	REG	LABEL	RQR	1.5 UG/KG BW			
EEC	REG	PACK	RQR	BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, COLLARD, STRAWBERRIES 1 MG/KG; APPLES, GRAPES, LETTUCE, PEACHES, SPINACH 0.5 MG/KG; APRICOTS, CITRUS FRUIT, CUCUMBERS, PEARS, TOMATOES 0.2 MG/KG; BEANS, CARROTS, ONIONS, PEAS, POTATOES, TURNIPS 0.1 MG/KG; MELON AND TRANS-ISOMERS).			
EEC	REG	MANUF	CLASS		8JAN1984	DEC1982	OJEC** L230,1,1982
EEC	REG	USE	INDST				
FAO/WHO	REC	FOOD	ADI			MCH1982	FPPDD 11,31,1978
FAO/WHO	REC	FOOD	MRL			MCH1982	FPPDD 11,31,1978

GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978	JAN1983	GBRSI*	209,1,1978
GBR	REG	PACK	RQR		MCH1983	APFC**	- ,15,1983
GBR	REG	USE	PRMT		MCH1983	APFC**	- ,89,1983
GBR	REC	AIR	TLV	TWA : 0.1 MG/M3 (0.01 PPM) STEL : 0.3 MG/M3 (0.03 PPM) SKIN ABSORPTION	MCH1983	GNHSE*	EH15/80,9,1980
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	JAN1983	GBRSI*	217,1,1982
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	JAN1983	GBRSI*	218,1,1982
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	JAN1983	GBRSI*	218,1,1982
GBR	REG	LABEL PACK STORE	RQR	LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.	JAN1983	GBRSI*	217, 218,1,1982
GBR	REG	TRNSP LABEL 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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN.	JAN1983	GBRSI*	218,1,1982
IMO	REC	TRNSP LABEL 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
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.25 MG/KG.	SEP1982	GSKEN*	40,410,1978
SWE	REG	FOOD	MTC	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE PLANT (SPECIFIED) : 0.1-0.3 MG/KG	OCT1982	SINAF*	1978:5(PK:6),1,1978
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).	22DEC1978		
		CLASS	RQR		1MCH1983	STLIF*	1983:1,1,1983
		USE	RQR			PFBEK*	- ,58,1982
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 MEDICAL DANGER WHEN AI=60->5%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=5->0% (SOLID OR LIQUID).		UNITDG*	- ,183,1982
USA	REC	AIR	TLV	TWA: 0.1 MG/M3 (0.01 PPM); STEL: 0.3 MG/M3 (0.03 PPM) (SKIN ABSORPTION)	JAN1983	ACGIN*	- ,9,1982
USA	REG	USE LABEL	RSTR	CERTAIN USES OF CERTAIN PESTICIDE PRODUCTS GOVERNING 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"	4AUG1975	CFRUS*	40(162.31),55,1981

VII/220 (contd.)

USE PESTICIDE" AND A SUMMARY OF THE TERMS OF
RESTRICTIONS

USA USA	REG REG	AIR AQ	OCC EMI	PEL CLASS	<p>TWA: 0.1 MG/M3, SKIN ABSORPTION 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.</p>	JUN1974	APR1983 CFRUS# 29(1910),673,1981 MAY1983 CFRUS# 40(116),33,1981
USA	REC	AQ	EMI	RQR RSTR	<p>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 0.454KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT.</p>	MAY1983 CFRUS# 40(117),44,1981	
USA	REG	AQ	EMI WASTE	RQR	<p>PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POL UTANT 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: FERECAC 46,35090,1981; 46,36703,1981 ; 47,24918,1982; 48,14146,1983)</p>	MAY1983 CFRUS# 40(122),121,1981	

G05600000 BINAPACRYL

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	OCT1978	MAY1982	HPMZC* 43, -, 1978
DEU	REG	FOOD LABEL -	MRL	PLANT (SPECIFIED) 0.3 MG/KG FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1AUG1978	MCH1982	BGBL** IS.718, 721, 1978
DEU	REG	PACK -	RQR	1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS, (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982	BGBL** IS.2069, 2069, 1980
DEU	REG	USE OCC	RSTR				
EEC	REG	LABEL PACK	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).	JUN1982		OJEC** L.360, 1, 1976
EEC	REG	LABEL PACK	RQR	T - TOXIC. (NOTE A). 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 DIMOSEB SALTS AND ESTERS). THE CHEMICAL NAME MUST BE STATED ON THE LABEL.)	JUN1982		OJEC** L.360, 1, 1976
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 0.3 MG/KG ; PLANT (SPECIFIC BEL.)	1JUL1984	DECT1982	OJEC** L234, 1, 1982
FAO/WHO	REC	FOOD	MRL	D) : 0.05 MG/KG PEACHES 1 MG/KG; APPLES, CHERRIES, GRAPES, PEARS 0.5 MG/KG; PLUMS 0.3 MG/KG; NECTARINES 0.2 MG/KG.		MCH1982	FPPDD 11, 9, 1978
FAO/WHO	REC	FOOD LABEL -	ADI	0.25 UG/KG BW FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	MCH1982	FPPDD 11, 9, 1978
GBR	REC	PACK -	RQR	1, 1976)		JAN1983	GBRSI* 209, 1, 1978
GBR	REC	USE	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFG** -, 89, 1983
IMO	REC	TRANS MARIN LABEL	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
IMO	REC	TRANS MARIN LABEL	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
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE		JUL1983	JPAGR* -, -,
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL1983	JPAGR* -, -,
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983	JPPDL* -, -,

GQ5775000 DINOCAP

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	USE	AGRIC	PRMT	AUG1981		
DEU	REG	FOOD		MRL	MAY1982		SPPOR** -,-, 1981
DCU	REG	LABEL	-	RQR	MCH1982		BGBL** 15.718, 727, 1978
		PACK	-	RQR	JUN1982		BGBL** 15.2069, 2069, 1980
		USE	OCC	RSTR			
EFC	REG	LABEL		RQR	JUN1982		OJEC** L.360, 1, 1976
		PACK		RQR			
FAO/WHO	REC	FOOD		GL	MCH1982		FPPPOD 11, 21, 1978
GBR	REG	LABEL	-	RQR	JAN1983		G8RSI* 209, 1, 1978
		PACK	-	RQR			
GBR	REG	USE		PRMT	MCH1983		APFC** - ,89, 1983
IMO	REC	TRNSP	MARIN	CLASS	JUL1983		IMCOC* 111, 9030, 1977
		LABEL		PACK			
IMO	REC	TRNSP	MARIN	CLASS	JUL1983		IMCOC* 111, 6147, 1977
		LABEL		PACK			
JPN	REG	USE	AGRIC	PRMT	JUL1983		JPAGR* -,-,
JPN	REG	USE	AGRIC	PRMT	JUL1983		JPAGR* -,-,
JPN	REG	CLASS		RQR	JUL1983		JPPDC* -,-,
		LABEL		RQR			
		SALE		RSTR			
JPN	REG	CLASS		RQR	JUL1983		JPPDC* -,-, 1983
		LABEL		RQR			
		SALE		RSTR			
SUN	REG	FOOD		MRL	JUN1982		NIKDP* - ,512, 1978
SUN	REG	AIR		MAC	JUN1982		GOSTS* 12.1.005, -, 1976
SWE	REG	SALE	OCC	PRMT	OCT1982		PFEBK* - ,58, 1982
		LABEL		RQR			
		CLASS		PRMT			
		USE		RQR			
		STORE		RQR			

PLANT (SPECIFIED) 1.0 MG/KG FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976). HANDLING OF SOME GROUPS OF CHEMICALS (INGL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS), IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN.
 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).
 APPLES, APRICOTS, BLACKBERRIES, BOYSEN BERRIES, S. CANTALOUPE, CUCUMBERS, GRAPES, HONEYDEW MELONS, MUSKMELONS, PEACHES, PEARS, PUMPKINS, RASPBERRIES, SQUASH, STRAWBERRIES 0.1 MG/KG.
 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)
 APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
 HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE AT CONC.'S BELOW 20%
 LISTED AS AN EXAMPLE OF A PESTICIDE OF LOW HAZARD
 HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC.'S ABOVE 20%
 LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE
 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER
 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER
 LIMITS
 CLV : 0.2 MG/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).

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USA	REG	FOOD FEED	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
USA	REG	FEED USE	ARL PRMT	SPECIFIED ANIMAL FEED PRODUCTS : 0.3 MG/KG (INCL. DINOCAP, 2,6-DINITRO-4-OCTYLPHENYL CROTONATE AND RELATED NITRO-OCTYLPHENOLS)	JUL1983	CFRUS* 21(561), 523, 1981

GS7175000 CYANIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU DEU	REG REG	AIR FOOD	MAK MRL	5 MG/M3 (CUTANEOUS ABSORPTION) PLANT (SPECIFIED) 6.0-15.0 MG/KG (WITH HYDROG EN CYANIDE AND CYANIDE SALTS, CALCULATED AS H YDROGEN CYANIDE)	1AUG1978	MCH1983 MCH1982	DFSK** XVI11, 14, 1982 BGBL** 1S.718, 721, 1978
DEU EEC	REG REG	AQ AQ	MPC MAC GL	0.05 MG/L (2MMOL/M3) (CALCULATED AS CN-) MAC : 50 UG CN/L, GL : - (ABSORPTION SPECTROP HOTOMETRY) REQUIREMENTS FOR MONITORING AND AN ALYSIS METHODS ARE LAID DOWN	JAN1976 30AUG1982	NOV1982 JAN1983	BGBL** I.S.764, 764, 1980 OJEC** L229, 11, 1980
EEC	REG	AQ	EMI RSTR	MEMBER STATES SHALL TAKE THE APPROPRIATE STEP S TO REDUCE POLLUTION OF INLAND SURFACE, TERR ITORIAL, INTERNAL COASTAL AND GROUND WATERS B Y THE SUBSTANCE (LISTED IN LIST 11). DISCHARG ES OF IT SHALL REQUIRE PRIOR AUTHORIZATION B Y THE COMPETENT AUTHORITY AN WHICH EMISSION S TANDARDS SHALL BE LAID DOWN. (APPLIES TO ALL CYANIDES)	JAN1983	JAN1983	OJEC** L129, 23, 1976
GBR	REG	TRNSP LABEL	CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. E MERGENCY ACTION CODE : 2X (APPLIES TO CYANIDE SOLUTION)	28MCH1979	JAN1983	GBRS1* 1702, 1, 1978
GBR IMO	REG REG	AIR TRNSP LABEL PACK	OCV MARIN CLASS	TWA : 5 MG/M3 AS CN SKIN ABSORPTION HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 1/11/111 = VERY DANGEROUS SUBS TANCE/SUBSTANCE PRESENTING MEDIUM/MINOR DANGE R. (APPLIES TO INORGANIC CYANIDES). HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO CYANIDE SOLUTIONS)	-	MCH1983 SEPI982	GMHSE* EH15/80, 9, 1980 IMCOC* 4, 10003, 1977
IND JPN JPN	REG REG REG	FOOD AQ AQ	SCL AMBI MPC	IN SPECIFIED FOOD PRODUCTS : 0 MG/KG ENVIRONMENTAL WATER QUALITY STANDARD : 0 MG/L EFFLUENT STANDARD : 1 MG/L OF CYANIDE COMPOUN DS		DEC1982 DEC1982 DEC1982	PFAIN* -, 64&141, 1981 QEJPN* -, 385, 1981 QEJPN* -, 400, 1981
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	CLASS 2 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS POISONOUS BY CABINET ORDER (APPLIES TO INORGANIC CYANIDES, EXCEPT FERRICYANIDE AN D FERROCYANIDE SALTS)		JUL1983	JPPDC* -, -, -
JPN	REG	CLASS LABEL SALE	CLASS RQR RSTR	CLASS 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO ORGANIC CYANID COMPOUNDS, EXCEPT AS FOLLO WS : ALKANE-4-YL-PHENYL-2-(4-CYANOPHENYL)PYRI MIDINE, 5- * ALKOXY-4'-CYANOBIPIHENYL, 4- * AL KYL-2-(4-CYANOPHENYL)PYRIMIDINE, 5- * ALKYL-4 '-CYANOBIPIHENYL, 4- * ALKYL-4'-CYANOBIPIHENYL LOHEXANE, 4- * ALKYL-4"-CYANO-P-TERPHENYL, 4- * ALKYL-CYCLOHEXYL-4'-CYANOBIPIHENYL, 4- * BEN ZONITRILE, 3,5-DI1000-4-OCTANOYLOXY * CYANAZI NE * CYANIDE DYES * CYANO-P-TERPIHENYL, 4-ALKY L-4'- * CYANO-2,3,4,5,6,-PENTACHLOROBENZYL AL COHOL, - (PGRN) * CYANOACRYLATE ESTER * CYANO ACRYLIC ESTER * CYANOBENZENE, M-DI- * CYANOBE NZENE, P-DI- * CYANOBENZENE, TETRACHLORO-M-DI - * CYANOBENZENE, 2,6-DICHLORO- * CYANOBIPIHEN YL, 4-ALKOXY-4'- * CYANOBIPIHENYL, 4-ALKYL-4'- * CYANOBIPIHENYL, 4-ALKYLCYCLOHEXYL-4'- * CYA		JUL1983	JPPDC* -, -, -

MODIAMIDE, DI- * CYANOQUANIDINE * CYANOPIHENYL
 -4-ALKYLBENZOATE * CYANOPHENYL, 4-ALKYLBENZO
 ATE * CYANOPHENYLCYCLOHEXANE, 4-ALKYL-4'- * CY
 ANOPHENYLPYRIMIDINE, 5-(4-ALKYLPHENYL)-2-P- *
 CYANOPHENYL-PYRIMIDINE, 5-ALKYL-2-P- * CYANOP
 HENYLTHIOPHOSPHATE, O,O-DIMETHYL P- * CYANOPH
 OS * DICHLOROCYANOBENZENE, 2,6- * DICYANOBENZ
 ENE, M- * DICYANOBENZENE, P- * DIIDO-4-OCTAN
 OLOXYBENZONITRILE, 3,5- * FUMIGANT CONTAINING
 3,4,6,7-TETRACYANO-1,2,5-TRICHLORINE * HIGH
 MOLECULAR ORGANIC CYANIDE COMPOUND * MANDELON
 ITRILE, PENTACHLORO- * OCTADECENYLOXYPROPION
 ITRILE, 3- * OLEONITRILE * PHOXIM * PROPIONITR
 ILE, 2-(4-CHLORO-6-ETHYLAMINO-S-TRIAZINE-2-YL
 AMINO)-2-METHYL- * PRIOPONITRILE, 3-(OCTADEC
 ENYLOXY)- * STEARONITRILE * TETRACHLORO-M-DIC
 YANOBENZENE * TRITHIOCYCLOHEPTADIENE-3,4,6,
 7-TETRANITRILE)

MEX	REG	AQ	AMBI	MPC	0.0 MG/L IN ESTUARIES	27JUN1973	OCT1982	DOMEX*	29	MCH,	1167,	1973
MEX	REG	AQ	AMBI	MPC	0.001 MG/L IN COASTAL WATERS.	27JUN1973	OCT1982	DOMEX*	29	MCH,	1167,	1973
MEX	REG	AQ	AMBI	MPC	1) 0.20 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
					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							
SWE	REG	AIR	OCC	TLV	CLV : 5 MG/M3 INCL. ALL CYANIDES, AS CN. (SKIN ABSORPTION)	1JAN1982	SEP1982	AFS***	1981:8,9,1981			
SWE	REG	WASTE		RQR	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.	1JUL1975	JUN1983	SVENF*	1975:346,1,1975			
UN	REC	TRNSP LABEL		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: -			SEP1982	UNTDG*	-,9,1982		
		PACK LABEL			(APPLIES TO INORGANIC CYANIDE).							
UN	REC	TRNSP LABEL		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO CYANIDE SOLUTIONS)			SEP1982	UNTDG*	-,9,1982		
		PACK LABEL										
USA	REC	AIR	OCC	TLV	TWA: 5 MG/M3 (SKIN ABSORPTION).			JAN1983	ACGIH*	-,9,1982		
USA	REC	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			
		WASTE		RQR	(APPLIES TO SOLUBLE CYANIDE SALTS)							
USA	REG	WASTE		ROR	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)	22JUL1981	JUL1983	CFRUS*	40(264),455,1981			
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 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 SOLUBLE SALTS AND COMPLEXES OF CYANIDE)	19NOV1980	JUL1983	CFRUS*	40(261),358,1981			
				RQR								
					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							
USA	REG	WASTE		RSTR		13JUL1981	APR1983	CFRUS*	40(264),405/445,1981			

USA 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 CYANIDE)

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

JUN1974 APR1983 CFRUS* 29(1910), 673, 1981
JUN1983 CFRUS* 29 (1910), 173, 1981

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. 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)

16OCT1973 MAY1983 CFRUS* 40(136), 298, 1981

JUL1983 CFRUS* 40(403), 8, 1981

CYANIDES 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)

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 CONTROL ACT 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 FEREAC 47, 31180, 1982)

JUL1983 CFRUS* 16(1500), 302, 1982

ANY PRODUCT CONTAINING CYANIDE AS A SOLUBLE SOLVENT 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

USA REG AQ EMI WASTE RQR

USA REG AIR OCC PEL RSTR

USA REG AQ EMI RQR

USA REG AQ EMI WASTE MXL

USA REG AQ EMI RSTR

USA REG GOODS PRO RQR

NG IT OUT OF INTERSTATE COMMERCE (DOES NOT AP
PLY TO UNAVOIDABLE MANUFACTURING RESIDUES IN
OTHER CHEMICALS IF ANY REASONABLE USE DOES NO
T RESULT IN ATMOSPHERIC CONC.'S ABOVE 25PPM)

USA	REG	FOOD GOODS	MPC	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)	MAY1983 CFRUS* 21(73), 240-265, 1981
USA	REG	FOOD	MPC	SODIUM GLUCHEPTONATE, 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.	JUN1983 CFRUS* 21(173), 106, 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. (AAS)	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 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	APR1983 CFRUS* 40(261), 360, 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	REC	AQ	DRINK MXL	0.05 MG/L (TITRATION WITH SILVER NITRATE, COLORIMETRIC METHODS) (TENTATIVE LIMIT).	DEC1982 WHISD* 3,32,1971
WHO	REC	AQ	DRINK GL	0.1 MG/L	MCH1983 WHODW* -, 15, 1983
WHO/FAO	REC	HUMAN FOOD	ADI	"HYDROGEN CYANIDE AND ITS SALTS SHOULD NOT BE USED AS SUCH AS FOOD ADDITIVES".	DEC1982 WHFAAC 16,6,1981

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

IRPTC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GV490000		GAMMA-HCH; LINDANE					
ARG	REG	FOOD	MXL	PLANT 2-10 MG/KG; ANIMAL FAT 7 MG/KG.	27MCH1969	MCH1982	ALEYPP* 18073,-,
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	GOODS	MXL	TOBACCO: 0 MG/KG	20DEC1971	MCH1982	ADISS* 80,-,
ARG	REG	USE	PRO	IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO).	20DEC1971	MCH1982	ADISS* 80,-,
ARG	REG	USE	PRO	AS MITIGIDE, IN TREATMENT OF SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47,-,
ARG	REG	AIR	OCC	THA: 0.5 MG/M3; STEL: 1.5 MG/M3 (SKIN ABSORPT ION).	22MAY1979	MCH1982	ADECT* 351,-,
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.001-1.0 MG/KG ("SECURITY INTERVAL : 14-120 DAYS)	AUG1982	CDABR* 2,87,1980	
CSK	REG	HUMAN	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	MAY1982	HPMZC* 43,-,1978	
CSK	REG	USE	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217,-,1967
CSK	REG	USE	AGRIC	OF ANIMALORIGIN (SPECIFIED) : 0.1 MG/KG WWT.	AUG1981	MAY1982	SPPOR* -, -,1981
DEU	REG	USE	SEL	0.2-2.0 MG/KG LWT	28FEB1979	MAY1982	BGBL** IS.1525,1525,1978
DEU	REG	FOOD	MRL	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	AIR	OCC	PLANT (SPECIFIED) 0.1-2.0 MG/KG.	1AUG1978	MCH1982	BGBL** IS.718,731,1978
DEU	REG	USE	PRO	0.5 MG/M3 (CUTANEOUS ABSORPTION)	10OCT1980	MCH1983	DFSK** XVI11,14,1982
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.			
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	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.	10OCT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	TOXIC. 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).			
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 1 MG/KG ; PLANT (SPECIFIED) : 0.1-2 MG/KG	1JUL1984	DEC1982	OJEC** L234,1,1982
FAO/WHO	REC	FOOD	ADI	0.01 MG/KG BW	MCH1982	FPPDD	20,74,1980
FAO/WHO	REC	FOOD	MRL	COCOA BUTTER, COCOA MASS 1 MG/KG; MILK PRODUCTS (FAT BASIS) 0.2 MG/KG; MILK (WHOLE) 0.01 MG/KG.	MCH1982	FPPDD	15,37,1979

USA	REC	AIR	OCC	TLV	TWA: 0.5 MG/M3; STEL: 1.5 MG/M3 (SKIN ABSORPTION).	JAN1983 ACGIH* -,9,1982
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	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 ALL ISOMERS OF HCH)	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 ALL ISOMERS OF HCH)	19NOV1980 JUL1983 CFRUS* 40(261),358,1981
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: FEREAC 47,1254,1982 (INTERIM); 47,7842,1982 (INTERIM); 47,32274,1982)	19NOV1980 APR1983 CFRUS* 40 (265),483/536,1981
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	AIR	OCC	PEL	TWA: 0.5 MG/M3, SKIN ABSORPTION	JUN1976 APR1983 CFRUS* 29(1910),673,1981
USA	REG	AQ	DRINK	MPC	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)	24DEC1976 MAY1983 CFRUS* 40(141),309,1981

USA	REG	WASTE	CLASS	DESCRIPTION	DATE	CFRUS*
USA	REG AQ	EMI	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 LINDANE THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 1 AND THE REACTIVITY VALUE IS 0	10DEC1982	47, 31319, 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 SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPI LING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983	40(116), 33, 1981
USA	REG AQ	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.01-7 MG/KG	APR1983	40(180), 152, 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 SHORE 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	40(117), 44, 1981
USA	REG AQ	EMI WASTE MXL	CLASS	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.	JUL1983	40(403), 8, 1981
USA	REG AQ	DRINK MPC	MPC	(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	21(103), 52, 1981
USA	REG WASTE	DRINK MPC	RQR	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.004 MG/L OF 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	40(261), 376, 1981
USA	REG WASTE	MPC RSTR	MPC 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 0.4 MG/L OF THIS SUBSTANCE	APR1983	40(261), 360, 1981
USA	REG WASTE	DRINK MPC	RQR MPC	FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAIN AN UNDISCOVERED DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF LINDANE IN GROUND WATER TO EXCEED 0.004 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.	15OCT1979	40(257), 332, 335, 1981

RECOMMENDATIONS-LEGAL MECHANISMS

GW1050000 CYCLOHEXANONE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK	REG	AIR	OCC	MAC	OCT1978	MAY1982	HPMZC* 39, -, 1978
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, IB 1/12, 1979
DEU	REG	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	PACK	-	RQR	10CT1980	JUN1982	BGBL** FS.2069, 2069, 1980
DEU	REG	USE	OCC	RSTR			
DEU	REG	PACK	USE	RQR	10CT1980	JUL1982	BGBL** FS.2069, 2069, 1980
EEC	REG	LABEL	PACK	RQR		JUN1982	OJEC** L.360, 1, 1976
EEC	REG	CLASS	PACK	RQR	1JAN1984	JAN1983	OJEC** L213, 17, 1982
GBR	REG	LABEL	PACK	RQR	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
GBR	REG	TRNSP	LABEL	RQR	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
GBR	REG	AIR	OCC	TLV		MCH1983	CNHSE* EH15/80.9, 1980
IMO	REG	TRNSP	MARIN	CLASS	-	SEP1982	IMCOC* 4, 10003, 1977
JPN	REG	AIR	OCC	MAC		NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REG	AQ	SURT	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	AMBI	MAC		JUN1982	PKTV* -, -, 1978
SUN	REG	AIR	OCC	MAC		JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	AIR	OCC	CLASS	JAN1977	OCT1982	STNAF* 1978:5(PK:6), 1, 1978

THA : 200.0 MG/M3
 CLV : 400.0 MG/M3
 THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSEFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 200 MG/M3(50 PPM) (VP=0.5 KPA AT 20C) 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.
 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. THE SOLVENT IS CLASSIFIED IN CLASS IIB.
 XN - HARMFUL. FLAMMABLE (R 10). HARMFUL BY INHALATION (R 20). AVOID CONTACT WITH EYES (S 25).
 HARMFUL SUBSTANCE (CLASS I I/C) 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)
 LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3(Y)
 TWA : 200 MG/M3 (50 PPM) (INTENDED CHANGES TW A : 100 MG/M3. (25 PPM) STEL : 400 MG/M3 (100 PPM)
 HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID.
 PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.
 100 MG/M3 (25 PPM)
 0.2 MG/L
 0.01 MG/M3 1X/D.
 CLV : 10.0 MG/M3 (VAPOUR)
 CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE

SWE	REG	AIR	OCC	TLV	TWA : 200 MG/M3 (50 PPM) STEL : 300 MG/M3 (75 PPM)	1JAN1982	SEP1982 AFS***	1981:8,9,1981
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER.	-	SEP1982 UNTDC*	-,9,1982
USA	REC	AIR	OCC	TLV	TWA: 100 MG/M3 (25 PPM); STEL: 400 MG/M3 (100 PPM).		JAN1983 ACGIH*	-,9,1982
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 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	OCC	PEL RSTR	TWA: 200 MG/M3 (50PPM) 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.)	JUN1974	APR1983 CFRUS* JUN1983 CFRUS*	29(1910),673,1981 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	4OCT1982	JUN1983 FERLAC	47,38780,1982

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GW5075000	CAPTAN					
ARG	REG FOOD	MXL	FRUIT 30 MG/KG (PREHARVEST AND AFTER HARVEST)	27MCH1969	MCH1982	ALEYP* 18073,-,
ARG	REG FEED	MXL	TWA: 5 MG/M3; STEL: 15 MG/M3	22MAY1979	MCH1982	ADECT* 351,-,
ARG	REG AIR	OCC	30 MG/KG	27MCH1969	MCH1982	ALEYP* 18073,-,
BRA	REG FOOD	AL	PLANT (SPECIFIED) : 10-40 MG/KG	26JUL1981	AUG1982	MCAFB* -,-,1981
CSK	REG HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	OCT1978	MAY1982	HPMZC* 43,-,1978
CSK	REG USE	AGRIC	PLANT (SPECIFIED) 15.0-100.0 MG/KG; PLANT (GENERAL) 0.1 MG/KG.	AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REG FOOD	MRL	PRESERVATIVE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL UNTIL 31 DEC 1985 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 SPECIFIC PURPOSES APPARENT FROM THE PRESENTATION OF THE PRODUCT.	AUG1978	MCH1982	BGL** 15.718,723,1978
EEC	REG GOODS	PRMT	PLANT (GENERAL) : 15.0 MG/KG	31DEC1983	NOV1982	OJEC** 25(L167),1,1982
EEC	REG GOODS	MXL				
EEC	REG FOOD	MRL		1978	DEC1982	OJEC** L340,26,1976
FAO/WHO	REC FOOD	ADI	0.1 MG/KG BW		MCH1982	FPPDD 26,67,1981
FAO/WHO	REC FOOD	MRL	CHERRIES, 50 MG/KG; POTATOES 20 MG/KG.		MCH1982	FPPDD 26,67,1981
FAO/WHO	REC FOOD	MRL	APPLES, PEARS 25 MG/KG; APRICOTS, BLUEBERRIES, CURRANTS, SPINACH, STRAWBERRIES 20 MG/KG; CITRUS FRUIT, ENDOIVE, PEACHES, PLUMS, RIUBARB TOMATOES 15 MG/KG; CRANBERRIES, CUCUMBERS, GREEN BEANS, LETTUCE, PEPPERS, RASPBERRIES 10 MG/KG; RAISINS 5 MG/KG.		MCH1982	FPPDD 11,11,1978
GBR	REG USE	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED		MCH1983	APFC** -,89,1983
GBR	REC AIR	OCC	TWA : 5 MG/M3 STEL : 15 MG/M3		MCH1983	GNISE* EII15/80,9,1980
JPN	REG USE	AGRIC	THE SUBSTANCE IS REGISTERED AND APPROVED AS A FUNGICIDE AND A BACTERICIDE		JUL1983	JPAGR* -,-,
JPN	REG FOOD	ARL	SPECIFIED PLANT PRODUCTS : 5.0MG/KG		JUL1983	JPNFS* -,-,
KEN	REG FOOD	MXL	SPECIFIED FOOD PRODUCTS : 5.0-40.0 MG/KG.		SEP1982	GSKEN* 40,410,1978
SUN	REG AQ	SURF	2.0 MG/L		JUN1982	PKIV* -,-,1978
SUN	REG AQ	SURF	SURFACE WATER FOR FISHING : 0.6 UG/L		JUN1982	PKIV* -,-,1978
SUN	REG FOOD	MRL	LIMITS		JUN1982	NIKOP* -,-512,1978
SWE	REG FOOD	MTG	FRUITS AND VEGETABLES: 5.0-15MG/KG	1MCH1983	JUL1983	STLIF* 1983:1,1,1983
SWE	REG USE	PRO	WITHDRAWAL OF THE REGISTRATION OF PESTICIDE FORMULATIONS WHICH CONTAIN THE PRIME COMPOUND AS AN ACTIVE INGREDIENT.	1JUN1982	OCT1982	PKBOI* -,-,1,1981
USA	REC AIR	OCC	TWA: 5 MG/M3; STEL: 15 MG/M3.		JAN1983	ACGII* -,9,1982
USA	REC AQ	EMI	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	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 SHORE		MAY1983	CFRUS* 40(117).44,1981

INES 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.

USA	REG	FOOD	PRMT	JUL1983 CFRUS* 21(176), 153, 1981
USA	REG AQ	EMI RQR WASTE		MAY1983 CFRUS* 40(122), 121, 1981
USA	REG	FOOD FEED	ARL	AUG1983 FEREC 46, 55113, 1981
USA	REG	FOOD FEED	ARL	AUG1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	AUG1983 CFRUS* 40(180), 152, 1981
USA	REG	FEED USE	PRMT RSTR	AUG1983 FEREC 46, 55091, 1981
WHO	REC	USE FOOD	RQR	DEC1982 WHOTAC 555, 21, 1974

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-PROOFING AGENT IN COATINGS INTENDED FOR USE IN CONTACT WITH CERTAIN FOOD PRODUCTS)

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: FEREC 46, 35090, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

INTERIM TOLERANCE LIMIT IN/ON RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 2-100 MG/KG

RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS): 0.05 MG/KG FROM PRE- AND/OR POSTHARVEST USES ON SPECIFIED RAW AGRICULTURAL COMMODITIES

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS): 0.25-100 MG/KG FROM PRE- AND/OR POST HARVEST USE. (AMENDED: FEREC 46, 55113, 1981)

(CORN SEED): 100 MG/KG FROM USE AS A SEED PROTEGIANT, AFTER SEED TREATMENT FOR USE AS CATTLE OR HOG FEED. DETREATED CORN CAN ONLY BE USED AS A FEED FOR CATTLE OR HOGS UP TO 14 DAYS BEFORE SLAUGHTER

RECOMMENDED RATE OF APPLICATION TO WHEAT SEED - RECOMMENDED SAFETY MEASURES SUCH AS COLOURING, ADDITION OF ODOUR OR TASTE, LABELLING, TRANSPORTATION AND DISTRIBUTION OF DRESSED SEED.

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GW7700000	ISOPHORONE						
DEU	REG	AIR LABEL - OCC	MAK	28 MG/M3 (5 PPM). FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	10CT1980	MCH1983	DFSK** XV111,14,1982
DEU	REG	PACK USE - OCC	RQR RQR RSTR	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. X1 - 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). IRRITANT SUBSTANCE. 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360		JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR			JUN1982	OJEC** L.360,1,1976
EEC	REG	CLASS PACK LABEL SALE	CLASS RQR RQR RSTR		1JAN1984	JAN1983	OJEC** L213,17,1982
GBR	REG	LABEL - PACK	RQR RQR		1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REG	AIR OCC	TLV	TWA : 25 MG/M3 (5 PPM)		MCH1983	GNHSE* EH15/80,9,1980
SUN	REG	AIR OCC	MAC	CLV : 1.0 MG/M3 (VAPOUR)		JUN1982	PKTV* -,1978
SWE	REG	AIR OCC	TLV	CLV : 30 MG/M3 (5 PPM)	1JAN1982	SEP1982	AFS*** 1981:8,9,1981
USA	REG	AIR OCC	TLV	TWA: 25 MG/M3 (5 PPM).		JAN1983	ACGIH* -9,1982
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. 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)		APR1983	CFRUS* 40(180.1001),258,1981
USA	REG	AQ EMI WASTE	RQR		18JUL1980	MAY1983	CFRUS* 40(122.53),121,1981
USA	REG	AIR WASTE	PEL 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 RISKS OR DANGER IS THE CHARACTERISTICS OF WASTES	JUN1974 10DEC1982	APR1983 JUN1983	CFRUS* 29(1910),673,1981 FEREAC 47,31230,1982

VII/239 (contd.)

IN A GIVEN FACILITY. FOR EXAMPLE ISOPHORONE
IS RATED AS A PERSISTENT COMPOUND

USA	REG	MANUF	RQR	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 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	EM I CLASS WASTE MXL	EMI CLASS WASTE MXL	ISOPHORONE 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 47,42686,1982) (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	FOOD USE	PRMT	(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983) MAY BE USED AS A COMPONENT OF ADHESIVES IN ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTING OR HOLDING FOOD	JUL1983	CFRUS* 21(175),114,1981

GY1225000 HEXACHLOROCYCLOPENTADIENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GBR	REC	AIR	OCC	TLV	TWA : 0.1 MG/M3 (0.01 PPM) STEL : 0.3 MG/M3 (0.03 PPM)	MCH1983	CNHSE* EH15/80,9,1980
SUN	REG	AQ	SURF	MAC	1 UG/L	JUN1982	POKIV* -,1978
SUN	REC	AIR	OCC	MAC	CLV : 0.01 MG/M3 (VAPOUR)	JUN1982	GOSTS* 12.1.005,-,1976
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.	SEP1982	UNTDG* -,9.1982
USA	REC	AIR	OCC	TLV	TWA: 0.1 MG/M3 (0.01 PPM); STEL: 0.3 MG/M3 (0.03 PPM).	JAN1983	ACGIH* -,9,1982
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	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	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	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

GY1720000 AFLATOXIN M2

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR	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 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 TOT 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)	1MCH1977	MAY1982	BGBL** IS.3313,3313,1976
IND	REG	FOOD	MPC	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)	15JAN1977	DEC1982	PFAIN* -, 154, 1981
USA	REG	WASTE	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 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)	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE	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 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)	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 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)	JUL1983	CFRUS* 21(118), 120, 1981	
USA	REG	WASTE	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 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)	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981

USA REG WASTE 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 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 ALL AF LIXINS)

GY1722000 AFLATOXIN B2

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD SALE USE LABEL	MXL PHO 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 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 A RE GIVEN TO A PROCESSING OPERATION THEY MUST BE LABELLED: "DO NOT PROCESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WITHOUT TESTING THE AFLATOXIN CONTENT."	1MCH1977	MAY1982 BGBL** IS.3313, 3313, 1976
IND	REG	FOOD	MPC	GROUNDNUT KERNEL (SHELLED): 30 UG/KG (AS TOT ALL AFLATOXINS)	15JAN1977	DEC1982 PFAIN* -, 154, 1981
SWE	REG	FOOD	MPC	ALL FOOD: 0.005 MG/KG AS THE SUM OF AFLATOXINS B1, B2, G1 AND G2.	1MCH1983	JUL1983 STLIF* 1983:1,1, 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: PER EAC 46,38318,1981; 47,27531,1982 (INTERIM)). (APPLIES TO ALL AFLATOXINS)	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: 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 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

RECOMMENDATIONS-LEGAL MECHANISMS

CY1880000 AFLATOXIN M1

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD SALE USE LABEL	MXL PRO RSTR	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 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 TOT 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)	1MCH1977	MAY1982	BGBL** I.S.3313,3313,1976
IND	REG	FOOD SEL	MPC		15JAN1977	DEC1982	PFAIN* -,154,1981
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	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 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)	JUL1983	CFRUS* 21(118),120,1981	
USA	REG	WASTE	RQR		22JUL1981	JUL1983	CFRUS* 40(264),455,1981

V11/247

USA REC 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 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). (APPLIES TO ALL AF LATOXINS)

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

RECOMMENDATIONS-LEGAL MECHANISMS

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 AFLA TOXIN B2, G1 AND G2. WHEN THE AFLATOXIN CONT ENT EXCEEDS THE MAXIMUM LIMIT IN THESE PRODUC TS THE FOLLOWING APPLIES: - THE MARKETING OF THESE PRODUCTS AS FEEDSTUFF AND THEIR USE IN FOOD PRODUCTION ARE PROHIBITED; - THE PRODU CTS HAVE TO BE SEGREGATED FROM FOODSTUFFS IN FOOD-DEALING OPERATIONS; - IN FOOD-DEALING O PERATIONS THEY HAVE TO BE LABELLED: "PRODUCT WITH EXCESSIVE AFLATOXIN CONTENT - NOT TO BE SUPPLIED TO ULTIMATE CONSUMER." IF THE SPEC IFIED PRODUCTS HAVE NOT BEEN TESTED FOR AFLAT OXIN CONTENT AND ARE GIVEN TO A PROCESSING OP ERATION, THEY MUST BE LABELLED: "DO NOT PROC ESS FURTHER OR SUPPLY TO ULTIMATE CONSUMER WI THOUT TESTING THE AFLATOXIN CONTENT."	1MCH1977	MAY1982 BCBL** IS.3313, 3313, 1976
IND	REG	FOOD SEL	MPC	GROUNDNUT KERNEL (SHELLED) : 30 UG/KG (AS TOT AL AFLATOXINS)	15JAN1977	DEC1982 PFAIN* -, 154, 1981
SWE	REG	FOOD	MPC	ALL FOOD: 0.005 MG/KG AS THE SUM OF AFLATOXI NS B1, B2, G1 AND G2.	1MCH1983	JUL1983 STLIF* 1983:1,1,1983
USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC INCERATOR 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 ALL AFLATOXINS)	22JUL1981	JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	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 ENVIRONEMNT 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)). (APPLIES TO ALL AF LATOXINS)	19NOV1980	JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	FOOD	RQR	MANUFACTURERS MUST ENSURE THAT NUTS, CORN MEA L AND OTHER RAW MATERIALS (USED IN THE PRODUC TION, HANDLING, ETC. OF CACAO PRODUCTS AND CO NFECTONERY) WHICH ARE SUSCEPTIBLE TO CONTAMI NATION BY AFLATOXINS, COMPLY WITH CURRENT FDA REGULATIONS. RECORDKEEPING AND REPORTING RE QUIREMENTS ARE SPECIFIED	JUL1983	CFRUS* 21(118), 120, 1981

RECOMMENDATIONS-LEGAL MECHANISMS

GY5875000 LENACIL

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GSK	REG	USE	AGRIC	PRMT	AUG1981	MAY1982	SPPQR* -,-,1981
DEU	REG	FOOD		MRL	1AUG1978	MCH1982	BGBL** IS,718,731,1978
GBR	REG	USE		PRMT		MCH1983	APFC** -,89,1983
JPN	REG	USE	AGRIC	PRMT		JUL1983	JPAGR* -,-,
SUN	REG	AQ	SURF	MAC		JUN1982	PKTV* -,-,1978
SUN	REG	FOOD		MRL		JUN1982	NIKOP* -,512,1978
SWE	REG	SALE		PRMT		OCT1982	PFBEK* -,58,1982
		LABEL		RQR			
		CLASS		PRMT			
		USE		RQR			
		STORE					

PLANT (ALL) 0.1 MG/KG
 APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC
 USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE
 LISTED
 THE SUBSTANCE IS REGISTERED AND APPROVED AS A
 HERBICIDE
 0.2 MG/L
 LIMITS
 THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST -
 ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH
 E PRODUCTS CONTROL BOARD AND THEREFORE MAY BE
 MARKETED AND USED. RULES FOR LABELLING, STO
 RAGE, HANDLING AND USE OF THE PESTICIDE FORMU
 LATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL
 BOARD, WHICH ALSO CLASSIFIES EACH FORMULATIO
 N INTO ONE OF THREE HAZARD CLASSES (1=MOST HA
 ZARDOUS, 3=LEAST HAZARDOUS).

GZ0700000 PYRETHRINS

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA DEU	REG REG	FOOD FOOD	AL MRL	PLANT (SPECIFIED) : 1-3 MG/KG PLANT (SPECIFIED) 1.0-3.0 MG/KG (WITH PYRETHRIN I, CINERIN I, GINERIN I, ALLETHRIN, BARTH RIN, CYCLETHRIN AND FURETHRIN)	1AUG1978	AUG1982 MCH1982	VISAB* 2, 1979 BGBL** IS.718,735,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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 PREGNANTS AND PREGNANT OR NURSING WOMEN.	10OCT1980	JUN1982	BGBL** IS.2069,2069,1980
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).		JUN1982	OJEC** L.360,1,1976
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	DEC1982	OJEC** L234,1,1982
FAO/WHO FAO/WHO	REC REC	FOOD FOOD	ADI MRL	0.04 MG/KG BW (WITH OTHER PYRETHRINS) 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 MCH1982	FPPDD 11,36,1978 FPPDD 11,36,1978
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
IND	REG	FOOD SEL	RQR MTC	SPECIFIED FOOD PRODUCTS : 0.5-1.5 MG/KG INCL. PYRETHRIN I AND OTHER STRUCTURALLY RELATED IN SECTICIDAL INGREDIENTS OF PYRETHRUM	15MAY1976	DEC1982	PFAIN* -,70,1981
JPN	REG	USE	AGRIC PRMT	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE		JUL1983	JPAGR* -, -,
KEN SWE	REG REG	FOOD SALE LABEL CLASS USE STORE	MXL PRMT RQR PRMT RQR	SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/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).		SEPT1982 OCT1982	GSKEN* 40,410,1978 PFBK* -,58,1982
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 1.0MG/KG (INCL. PYRETHRIN I)	JUL1983	JUL1983	STLIF* 1983:1,1,1983
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=100-30% (LIQUID).	-	SEPT1982	UNTDG* -,183,1982
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	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 POLLUT ION 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 SUBSTANC E IN OR ON NAVIGABLE WATERS, ADJOINING SHORE LINES OR THE CONTIGUOUS ZONE, IN AN AMOUNT EQU AL 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	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 USE	ARL PRMT		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 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 (AMENDED: FEREAC 46, 35090, 1981; 46, 36703, 1981 ; 47, 24918, 1982; 48, 14146, 1983)	MAY1983 CFRUS* 40(122), 121, 1981

GZ1240000 DECAMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	FOOD	AL	PLANT (SPECIFIED) ; 0.001-0.05 MG/KG ("SECURITY" INTERVAL ; 1-37 DAYS)		AUG1982	PMSBR* 12-10APR, -, 1980
FAO/WHO	REC	FOOD FEED	GL	TEA 10 MG/KG; COFFEE BEANS, WHEAT BRAN (UNPROCESSED) 2 MG/KG; CEREAL GRAINS 1 MG/KG; LEGUMES ANIMAL FEEDS 0.5 MG/KG DWT; WHEAT FLOUR (WHITE) 0.5 MG/KG; LEAFY VEGETABLES 0.2 MG/KG; ASSORTED FRUITS - EDIBLE PEEL, BULB VEGETABLES ; LEGUME VEGETABLES, OILSEEDS, POME FRUITS 0.1 MG/KG; ARTICHOKE, BANANAS, BRASSICA LEAFY VEGETABLES, CLEMENTINES, COCOA BEANS, FRUITING VEGETABLES - EDIBLE PEEL, GRAPES, ORANGES, STONE FRUIT, STRAWBERRIES 0.05 MG/KG; LEGUME OILSEEDS, MELONS, MUSHROOMS, PINEAPPLES, ROOT AND TUBER VEGETABLES 0.01 MG/KG. (METABOLITES ARE NOT INCLUDED).		MCH1982	FPPDD 26,75,1981

RECOMMENDATIONS-LEGAL MECHANISMS

GZ1250000 CYPERMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
FAO/WHO REC FAO/WHO REC	FOOD FOOD	ADI ADI		0.05 MG/K BW CITRUS FRUITS, LETTUCE, PEACHES, POME FRUITS: 2 MG/KG; BRASSICA LEAFY VEGETABLES, CHERRIE S, GRAPES, PLUMS: 1 MG/KG; RASPBERRIES, STRA WBERRIES, TOMATOES: 0.5 MG/KG; COTTONSEED OI L (EDIBLE), RAPESEED, WHEAT: 0.2 MG/KG; KIDN EY BEANS (WITHOUT PODS), MAIZE, PEAS, POTATOE S, SOYBEANS, SUGAR BEETS, SWEETCORN: 0.05 MG/ KG. (INCL. ALL ISOMERS). (SEE ALSO FPPDD 2 0,72,1980)	-	MCH1983 MCH1983	FPPDD 37, 53, 1982 FPPDD 37, 53, 1982
FAO/WHO REC	FOOD	MRL		MILK: 0.01 MG/KG; COFFEE BEANS: 0.05 MG/KG; COTTON SEED, CUCUMBERS, EGG PLANTS, MEAT BYPR ODUCTS: 0.2 MG/KG; MILK PRODUCTS, CARCASE ME AT: 0.2 MG/KG, LWT; PEPPERS: 0.5 MG/KG; NEC TARINES: 2.0 MG/KG; ALFALFA, MAIZE FODDER, S ORGHUM FODDER, WHEAT STRAW: 5.0 MG/KG, DMT. APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI MITATIONS AND SAFETY PRECAUTIONS ARE LISTED FRUITS AND VEGETABLES: 2.0MG/KG (PRELIMINARY)	-	MCH1983	FPPDD 37, 53, 1982
GBR	REG USE	PRMT				MCH1983	APFG** -, 89, 1983
SWE	REG FOOD	NTC			1MCH1983	JUL1983	STLIF* 1983:1,1,1983

GZ1255000 PERMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK FAO/WHO FAO/WHO	REG REC REC	USE FOOD FOOD FEED	AGRIC PRMT ADI MRL	0.03 MG/KG BW (TEMPORARY UNTIL 1982). ALFALFA FODDER, MAIZE FODDER AND STRAW 100 MG /KG DMT; APPLE POMACE, SOYBEAN FODDER 50 MG/K G DMT; WHEAT BRAN 10 MG/KG; CEREAL GRAINS, WH EAT FLOUR (WHOLEMEAL) 2 MG/KG; CARCASE MEAT O F CATTLE, PIG AND SHEEP 1 MG/KG LMT; EGGS, MIL AT BY-PRODUCTS OF CATTLE, PIGS AND SHEEP, MIL K, POULTRY MEATS 0.1 MG/KG; (METABOLITES ARE NOT INCLUDED). HOPS (DRIED) 50 MG/KG; LETTUCE, TEA(DRIED, BL ACK GREEN) 20 MG/KG; CABBAGE, CHINESE CABBAGE , SAVOY CABBAGE, CELERY, LEEKS, ONIONS (SPRI N G) 5 MG/KG; BROCCOLI, CURRANTS (BLACK, RED, W HITE), GOOSEBERRIES, KIWI FRUIT, POME FRUITS , SPINACH, STONE FRUITS, TOMATOES; 2.0 MG/KG; BLACKBERRIES, BRUSSELS SPROUTS, DEWBERRIES, E GGPLANTS, GRAPES, PEPPERS, RASPBERRIES, STRAW BERRIES 1 MG/KG; BEANS (WHOLE GREEN), CAULIF L OWER, COTTONSEED, CUCUMBERS: 0.5 MG/KG; BEANS (DRY), CARROTS, COTTONSEED OIL, JAPANESE RAD ISH, KOHIRABI, MELONS, MUSHROOMS, PEAS, SOYBE ANS, SWEET CORN 0.1 MG/KG; COFFEE BEANS, POT ATOES, RAPESEED, SUGARBEETS: 0.05 MG/KG. (LIM ITS ARE PROVISIONAL UNTIL 1981). SOYBEAN OIL: 0.1 MG/KG; CITRUS FRUITS, GHERK INS, SQUASH: 0.5 MG/KG; KALE: 5.0 MG/KG. (THE MRLS ARE TEMPORARY AND FOR PERMETHRIN AS THE SUM OF ISOMERS. METABOLITES ARE NOT INC LUDED). APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI MITATIONS AND SAFETY PRECAUTIONS ARE LISTED THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PEST ICIDE FORMULATIONS WHICH ARE REGISTERED AT TH E PRODUCTS CONTROL BOARD AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STO RAGE, HANDLING AND USE OF THE PESTICIDE FORMU LATIONS ARE LAID DOWN BY THE PRODUCTS CONTROL BOARD, WHICH ALSO CLASSIFIES EACH FORMULATIO N INTO ONE OF THREE HAZARD CLASSES (1=MOST HA ZARDOUS, 3=LEAST HAZARDOUS). RAW AGRICULTURAL PRODUCTS (COTTONSEED) : 0.5 MG/KG SPECIFIED PLANT PRODUCTS: 0.05-20MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AND 3-PBA , CALCULATED AS PERMETHRIN) SPECIFIED ANIMAL PRODUCTS: 0.05-3MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AND 3-PBA , CALCULATED AS PERMETHRIN) AMENDED: FERLAC 47,45008,1982	AUG1981 -	MAY1982 SPPOR* -, -, 1981 MCH1983 FPPRDD 37, 56, 1982 MCH1982 FPPRDD 26, 72, 1981	
FAO/WHO	REC	FOOD	MRL		-	MCH1983 FPPRDD 20, 76, 1980	
FAO/WHO	REC	FOOD	MRL		-	MCH1983 FPPRDD 37, 56, 1982	
GBR	REG	USE	PRMT			MCH1983 APFC** -, 89, 1983	
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR PRMT RQR			OCT1982 PFBEK* -, 58, 1982	
SWE USA	REG REG	FOOD FOOD FEED	MTC ARL		1MCH1983 13OCT1982	JUL1983 STILLF* 1983:1,1, 1983 AUG1983 FERLAC 47,45008,1982	

USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0.05-20 MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA AND 3-PBA, CALCULATED AS PARENT). (AMENDED: FEREAC 47,55223,1982; 48 14897,1983)	13OCT1982	AUG1983	FEREAC 47,45008,1982
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED ANIMAL PRODUCTS) : 0.05-3 MG/KG (INCL. PERMETHRIN AND ITS METABOLITES DCVA, 3-PBA, AND 3-PHENOXYBENZOIC ACID, CALCULATED AS PARENT)	13OCT1982	AUG1983	FEREAC 47,45008,1982

GZ1310000 RESMETHRIN

AREA	TYPE SUBJECT	DESCR LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
BRA	REG USE SALE	MXL. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE 1	AUG1982	RNMCB# 02/78, -,
JPN	REG USE AGRIC PRMT	N DOMESTIC SANITATION : 1-4% (WT/WT) N THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE	JUL1983	JPAGR# -, -,

RECOMMENDATIONS-LEGAL MECHANISMS

GZ1700000 TETRAMETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	USE SALE	MXL	MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION : 0.5-1% (WT/WT)		AUG1982	RNMCB* 02/78,-,
CSK	REG	USE 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).	AUG1981		
SWE	REG	USE LABEL	RQR				MAY1982 SPPOR* -, -, 1981
		CLASS	PRMT				OCT1982 PFBEK* -, 58, 1982
		USE STORE	RQR				

RECOMMENDATIONS-LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
GZ1750000	PYRETHRIN I						
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0-3.0 MG/KG (WITH PYRETHRIN II, CINERIN I, ALLETHRIN, BART HRIN, CYCLETHRIN, AND FURETHRIN) 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.	1AUG1978	MCH1982	BGBL** IS.718,735,1978
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR		1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
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).		JUN1982	OJEC** L.360,1,1976
EEC	REG	FOOD	MRL	PLANT (GENERAL) : 1 MG/KG (CALCULATED AS THE SUM OF PYRETHRINS I AND II), CINERINS I AND II AND JASROLINS I AND II)	1JUL1984	DEC1982	OJEC** L234,1,1982
FAO/WHO REC	REC	FOOD	ADI	0.04 MG/KG BW (WITH OTHER PYRETHRINS)		APR1982	FPPDD 11.36,1978
FAO/WHO REC	REC	FOOD	MRL	FISH (DRIED). RAW CEREALS 3 MG/KG; DRIED FRUIT AND VEGETABLES, FRESH FRUIT AND VEGETABLES, OLSEEDS, 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** L.360 1.1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
IND	REG	FOOD	MIC	SPECIFIED FOOD PRODUCTS : 0.5-1.5 MG/KG INCL. PYRETHRIN II AND OTHER STRUCTURALLY RELATED INSECTICIDAL INGREDIENTS OF PYRETHRUM	15MAY1976	DEC1982	PFAIN* -,70,1981
KFN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.1-3.0 MG/KG.		SEP1982	GSKFN* 40.410,1978
SWE	REG	SALE LABEL CLASS USE STORE	RQR RQR PRMT RQR	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE PESTICIDE 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).		OCT1982	PFBEK* -,58,1982
SWE	REG	FOOD	MTC	FRUITS AND VEGETABLES: 1.0MG/KG (INCL. PYRETHRIN II)	1MCH1983	JUL1983	STLIF* 1983:1,1,1983
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	AQ	EMI	CLASS		MAY1983	CFRUS* 40(116),33,1981

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 (OF PYRETHRINS) IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

APR1983 CFRUS* 40(180),152,1981

RAW AGRICULTURAL PRODUCTS, SPECIFIED PLANT PRODUCTS: 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 PYRETHRINS)

JUL1983 CFRUS* 21(561),523,1981

SPECIFIED ANIMAL FEED PRODUCTS: 1 MG/KG OF PYRETHRINS (USE RESTRICTIONS AND LABEL AND LABELING REQUIREMENTS ARE SPECIFIED)

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 (AMENDED: FEREAC 46,35090,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)

RQR RSTR

EMI

REG AQ

USA

ARL

FOOD FEED

REG

USA

ARL PRMT

FEED USE

REG

USA

RQR EMI WASTE

REG AQ

USA

GZ1925000 ALLETHRIN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 1.0-3.0 MG/KG (WITH PYRETHRIN I, PYRETHRIN II, CINERIN I, CINERIN II, BA RTHRIN, CYCLETHRIN, AND FURETHRIN) 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 IS PREGNANT OR NURSING WOMEN.	1AUG1978	MCH1982	BGBL** I.S.718, 735, 1978
DEU	REG	LABEL OCC PACK USE	RQR RQR RSTR	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).	1OCT1980	JUN1982	BCBL** I.S.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976)		JUN1982	OJEG** L.360, 1, 1976
GBR	REG	LABEL - PACK -	RQR RQR	THE SUBSTANCE IS REGISTERED AND APPROVED AS AN INSECTICIDE	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
JPN	REG	USE	ACR1C			JUL1983	JPAGR* -, -,
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR 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).		OCT1982	PFBEK* -, 58, 1982
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1=100-30% (LIQUID).	-	SEP1982	UNTDG* -, 183, 1982
USA	REG	FOOD FEED	ARL	EXEMPTION FROM RESIDUE TOLERANCE REQUIREMENTS IS MADE FOR THIS INSECTICIDE WHEN USED BEFORE HARVEST ON CERTAIN SPECIFIED PLANT PRODUCTS (AMENDED: FERAC 47,20307, 1982)		APR1983	CFRUS* 40(180), 269, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 2-4 MG/KG		APR1983	CFRUS* 40(180), 152, 1981

AREA	HP3500000	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	TCDD	REC	AIR	IMI	<p>REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.</p> <p>CLASS >=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.</p>	8JAN1984	MAY1982	BGBL** IS.772.772, 1980
EEC		REC	MANUF USE	INDST	<p>CLASS >=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.</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: FERAC 46.38318, 1981; 47.27531, 1982 (INTERIM))</p>	22JUL1981	DEC1982	OJEC** L230.1, 1982
USA		REC	WASTE	RQR	<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 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).</p>	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA		REC	AQ	EMI WASTE	<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 WHO MANUFACTURES OR USES, 2,4,5-T, SILVEX, ERBON, RONNEL, TCP OR HCP. 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) 5 TIMES THE MAXIMUM CONCENTRATION 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)</p>	18JUL1980	MAY1983	CFRUS* 40 (122.53), 121, 1981

JUL1983 CFRUS* 40(403), 8, 1981

TCDD 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: 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; 47,51072, 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. APPLIES TO CHLORINATED DIBENZODIOXINS)

CLASS EMI WASTE
 MXL

REC AQ

USA

APR1983 CFRUS* 40(261), 376, 1981

TCDD 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: 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; 47,51072, 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. APPLIES TO CHLORINATED DIBENZODIOXINS)

CLASS RQR

REC WASTE

USA

RECOMMENDATIONS--LEGAL MECHANISMS

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
HX7680000 POTASSIUM DICHROMATE							
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%)	10CT1980	JUL1982	BGBL** I.S.2069,2069,1980
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	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 PREGNANTS AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982	BGBL** I.S.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R.36/37/38). DO NOT BREATHE THE DUST (S.22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S.28).		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 /1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
IMO	REC	TRNSP MARIN CLASS LABEL PACK	RQR RQR CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE.		SEP1982	IMCOC* 4,10003,1977
JPN	REG	CLASS LABEL SALE	RQR RSTR CLASS	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. CLASS 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO DICHROMATES)		JUL1983	JPPDC* -, -,
SWE	REG	SALE	PRMT	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).	22DEC1978	OCT1982	SINAF* 1978:5(PK:6),1,1978
SWE	REG	SALE LABEL CLASS USE STORE	PRMT RQR CLASS USE STORE	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.		OCT1982	PFBEK* -,58,1982
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 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			MAY1983	CFRUS* 40(117),44,1981

JUL1983 CFRUS* 16(1500), 339, 1982

CERTAIN SOLID FUEL PELLETS FOR PROPELLING MODEL JET PLANES, SPEED BOATS, RACING CARS, ETC. IF THEY CONTAIN NO MORE THAN 35% BY WEIGHT POTASSIUM DICHROMATE, WHERE OTHER STATED REQUIREMENTS ARE ALSO MET, ARE EXEMPT FROM THE BAN AS A HAZARDOUS PRODUCT UNDER THE HAZARDOUS PRODUCT REGULATION

RQR

REG GOODS

USA

JUL1983 CFRUS* 21(175), 130, 1981

ZINC-SILICON DIOXIDE MATRIX COATINGS WHICH ARE 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 IF THE SUBSTANCE IS REMOVED BY WATER WASHING

PRMT

REG FOOD

USA

HX7700000 SODIUM DICHROMATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	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 IRRITANT WHEN THE CONCENTRATION IS GREATER THAN OR EQUAL TO 5.0 G/KG (0.5%)	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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 PREGNANTS AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). DO NOT BREATHE THE DUST (S 22). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER (TO BE SPECIFIED BY THE MANUFACTURER) (S 28).		JUN1982	OJEC** L.360,1,1976
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
IMO	REC	TRANSP LABEL	MARIN CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES.	SEP1982	SEP1982	IMCOC* 4,10003,1977
JPN	REG	CLASS LABEL SALE	RQR RSTR	PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER		JUL1983	JPPDC* -, -,
SWE	REG	CLASS LABEL CLASS USE STORE	RQR RQR PRMT RQR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO DICHROMATES) 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).		OCT1982	PFBEK* -,58,1982
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 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

RECOMMENDATIONS-LEGAL MECHANISMS

HX7750000 SODIUM DICHROMATE, DIHYDRATE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
JPN	REG	CLASS LABEL SALE	CLASS 4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (APPLIES TO DICHROMATES)			JUL1983	JPPDC* -, -,

IA350000 N-NITROSODIETHYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
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	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 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 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).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI CLASS 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)		JUL1983	CFRUS* 40(403), 8, 1981
				(ALSO: 47, 31554, 1982; 47, 46434, 1982; 47, 52848, 1982; 47, 55226, 1982; 48, 15382, 1983)			

RECOMMENDATIONS-LEGAL MECHANISMS

IE1225000 DIETHYLENETRIAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	RQR		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 CONCENTRATION IS >100 G/KG (10.0%), AND AS HARMFUL WHEN THE CONCENTRATION IS 10-100 G/KG (1.0-10.0%)	10OCT1980	JUL1982	BGBL** I.S.2069,2069,1980
GBR	REC	AIR TRNSP LABEL	OCC MARIN CLASS	TWA : 4 MG/M3 (1 PPM) SKIN ABSORPTION HAZARD CLASS: 8 = CORROSIVE		MCH1983	GNHSE* EH15/80,9,1980
GBR	REC	AD TRNSP LABEL	SURF CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICUM DANGER.		SEP1982	IMCOC* 4,10003,1977
USA	REC	AIR MANUF	OCC	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICUM DANGER.		JUN1982	PDKTV* -, -, 1978
USA	REC	AIR MANUF	OCC	TWA: 4 MG/M3 (1 PPM) (SKIN ABSORPTION) MANUFACTURERS AND PROCESSORS OF DIETHYLENETRIAMINE 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	JAN1983	ACGIH* -,9,1982
USA	REC	CLASS LABEL GOODS	RQR WARM	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.)		JUL1983	CFRUS* 16(1500),290,1982
USA	REC	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		JUL1983	CFRUS* 21(176),177,1981
USA	REC	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
USA	REC	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

RECOMMENDATIONS-LEGAL MECHANISMS

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	USE	PRO	AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.	1MAY1968	MCH1982	ADECA* 2143,-,
ARG	REG	FOOD	MXL	0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073,-,
ARG	REG	USE	PRO	OF TREATMENT OF NATURAL AND ARTIFICIAL MEADOWS.	10JUN1969	MCH1982	ADECC* 2678,-,
ARG	REG	TRNSP STORE LABEL PACK	RSTR	REGULATIONS ON TRANSPORT, STORAGE, PACKAGING AND LABELLING.	10JUN1969	MCH1982	ADECC* 2678,-,
ARG	REG	GOODS	MXL	TOBACCO 0 MG/KG.	20DEC1971	MCH1982	ADISS* 80,-,
ARG	REG	USE	PRO	IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO.	20DEC1971	MCH1982	ADISS* 80,-,
ARG	REG	USE	PRO	AS MITTICIDE, AND IN TREATMENT OF SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47,-,
BRA	REG	FOOD	AL	PLANT (SPECIFIED) : 0.001-0.1 MG/KG ("SECURITY" INTERVAL : 30-45 DAYS)	AUG1982	CDABR* 2,-,	1980
CSK	REG	USE	CLASS	AGRIC PRMT	JUL1967	MAY1982	SZCSR* 22,217,1967
CSK	REG	USE	AGRIC PRMT	AGRIC PRMT	AUG1981	MAY1982	SPPOR* -,-,1981
DEU	REG	FOOD	MRL	OF ANIMALORIGIN (SPECIFIED) : 0.1 MG/KG WMT, 0.02-0.2 MG/KG LWT	28FEB1979	MAY1982	BGBL** IS.1525,1525,1978
DEU	REG	USE	PRO	OF ANIMALORIGIN (GENERAL) : 0.01 MG/KG WMT WITH DELTA-KETOENDRIN, AS ENDRIN	1JAN1978	MAY1982	BGBL** IS 1136,1136,1981
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY SOLUTIONS OF 99% PURITY 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	AIR FOOD	MAK MRL	0.1 MG/M3 (CUTANEOUS ABSORPTION)	1AUG1978	MCH1983	DFSK** XVII11,14,1982
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 0.1 MG/KG; PLANT (GENERAL) 0.01 MG/KG.		MCH1982	BGBL** IS.718,740,1978
DEU	REG	GOODS LABEL PACK USE	MXL RQR RQR RSTR	TOBACCO 0.3 MG/KG 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.	1AUG1978	MCH1982	BGBL** IS.718,741,1978
DEU	REG	FOOD	RQR	T - TOXIC. VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28).	1OCT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	RQR	KEEP LOCKED UP (S 11). KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLINY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 45). IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).		JUN1982	OJEC** L.360,1.1976

EEC	REG	REG	GOODS	PRO	CLASS	DATE	DESCRIPTION	DATE	REFERENCE
				PRO		1JAN1986	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKET IN CE IS PROHIBITED.		NOV1982 OJEC** 25(L167), 1, 1982
EEC	REG	REC	FOOD	MRL		1JUL1984	PLANT (GENERAL) : 0.01 MG/KG 0.2 MG/KG BW		DEC1982 OJEC** L234, 1, 1982
FAO/WHO	REC	REC	FOOD	ADI					MCH1982 FPPDD 11, 23, 1978
FAO/WHO	REC	REC	FOOD	MRL					MCH1982 FPPDD 11, 23, 1978
				ERL					MCH1982 FPPDD 11, 23, 1978
GBR	REG	REC	FOOD			1SEP1978	COTTONSEED, COTTONSEED OIL(CRUDE) 0.1 MG/KG; APPLES, BARLEY, CORN (SWEET), EDIBLE COTTONSEED OIL, RICE (HUSKED AND/OR POLISHED), SORGHUM, 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 DELTAKETO-ENDRIN)		JAN1983 GBRIS* 209, 1, 1978
GBR	REG	REC	LABEL PACK	RQR			FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)		MCH1983 GNHSE* EH15/80, 9, 1980
GBR	REG	REC	AIR	RQR			TWA : 0.1 MG/M3 STEL : 0.3 MG/M3 SKIN ABSORPTION		JAN1983 GBRIS* 217, 1, 1982
GBR	REG	REC	CLASS SALE	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.		JAN1983 GBRIS* 218, 1, 1982
GBR	REG	REC	SALE	RSTR			THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY		JAN1983 GBRIS* 218, 1, 1982
GBR	REG	REC	SALE	RSTR			POISON WHICH MAY BE SOLD BY LISTED SELLERS OF HORTICULTURE, HORTICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS		JAN1983 GBRIS* 218, 1, 1982
GBR	REG	REC	LABEL PACK STORE	RQR			LABEL : "POISON". FURTHER GENERAL REQUIREMENT CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN.		JAN1983 GBRIS* 217, 218, 1, 1982
GBR	REG	REC	TRNSP LABEL 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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN.		JAN1983 GBRIS* 218, 1, 1982
IMO	REC	REC	TRNSP LABEL PACK	CLASS			HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1/1/1/1 = VERY DANGEROUS SUBSTANCES/PRESENTING MEDIUM/MINOR DANGER. (APPLIES TO DRY OR LIQUID MIXTURES OF ENDRIN)		SEP1982 IMCOC* 4, 10003, 1977
IMO	REC	REC	TRNSP LABEL 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
JPN	REG	REC	MANUF USE	CLASS PRO RSTR			DESIGNATED AS A "SPECIFIED CHEMICAL SUBSTANCE" WITHOUT AUTHORIZATION FROM THE GOVERNMENT, MANUFACTURE AND IMPORTATION ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORTATION OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.		DEC1982 JPNCO* 20CT, -, 1981
JPN	REG	REC	CLASS LABEL SALE	CLASS RQR RSTR			↑ = SUBSTANCE DESIGNATED AS POISONOUS BY LAW		JUL1983 JPPDL* -, -,

JPN	REG	CLASS LABEL	REG	CLASS LABEL	RQR	CLASS RSTR	CLASS RSTR	CLASS RSTR	JPPDC*
JPN	REG	SALE	REG	SALE	RQR	RSTR	CLASS RSTR	CLASS RSTR	JUL1983 JPPDC* -,-
JPN	REG	FOOD	REG	FOOD	ARL		SPECIFIED PLANT PRODUCTS: ND		JUL1983 JPNFS* -,-
KEN	REG	FOOD	REG	FOOD	MXL		SPECIFIED FOOD PRODUCTS: 0.02-1.0 MG/KG.		SEP1982 GSKEN* 40,410,1978
MEX	REG	AQ	REG	AQ	MPC		0.002 MG/L IN ESTUARIES		OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	REG	AQ	MPC		0.2 UG/L IN COASTAL WATERS		OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	REG	AQ	MPC		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
SWE	REG	FOOD	REG	FOOD	MTC		PLANT (SPECIFIED): 0.01-0.02 MG/KG		JUL1983 STLIF* 1983:1,1,1983
SWE	REG	FOOD	REG	FOOD	MTC		ANIMAL (SPECIFIED): 0.002-0.1 MG/KG (INCL. D ELTA KETOCHLORIN)		JUL1983 STLIF* 1983:1,1,1983
UN	REC	TRNSP LABEL PACK	REC	TRNSP LABEL PACK	CLASS		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI=100->60%; II = SUBSTANCE PRESENTING MEDIAN DANGER WHEN AI=60->5%; III SUBSTANCE PRESENTING MINOR DANGER WHEN AI=5->0% (SOLID OR LIQUID).		SEP1982 UNIDC* -,183,1982
USA	REC	AIR	REC	AIR	TLV		TWA: 0.1 MG/M3; STEL: 0.3 MG/M3 (SKIN ABSORPTION)		JAN1983 ACGIH* -,9,1982
USA	REG	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: FERAC 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).		JUL1983 CFRUS* 40(261),367,1981
USA	REG	WASTE	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 ENDRIN AND ITS METABOLITES).		JUL1983 CFRUS* 40(261),358,1981
USA	REG	WASTE	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 ENDRIN AND ITS METABOLITES)		JUL1983 CFRUS* 40(170),116,1981
USA	REG	USE	REG	USE	RSTR		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		APR1983 CFRUS* 40 (265),483/536,1981
USA	REG	WASTE - AQ	REG	WASTE - AQ	RQR	GRND	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: FERAC 47,1254,1982 (INTERIM); 47,7842,1982 (INTERIM); 47,32274,1982)		APR1983 CFRUS* 40 (265),483/536,1981

USA REG USE LABEL REG AQ EMI WASTE RSTR CLASS RQR 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.

USA REG AQ EMI WASTE RQR 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: FEREC 46, 35091, 1981; 46-36703, 1981; 47, 24918, 1982; 48, 14146, 1983)

USA REG AIR OCC PEL JUN1974 APR1983 CFRUS* 29(1910), 673, 1981

FORMULATORS OF THE SUBSTANCE (WHO PRODUCE OR PROCESS THE SUBSTANCE INTO SPECIFIED PESTICIDES) ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, EFFLUENT INTO NAVIGABLE WATERS. DISCHARGES OF EXISTING 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/KKG (MONTHLY AVERAGE DAILY LOADING PER KKG 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 CONCENTRATION EXCEEDING 0.1 UG/L (AVERAGE PER WORKING DAY 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.

USA REG AQ DRINK MPC RQR MAY1983 CFRUS* 40(141), 309, 1981

CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.0002 MG/L OF ENDRIN. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)

USA REG WASTE CLASS 10DEC1982 JUN1983 FEREC 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 ENDRIN IS RATED AS A HIGHLY PERSISTENT COMPOUND

USA REG WASTE CLASS 10DEC1982 JUN1983 FEREC 47, 31230, 1982

JUN1983 CFRUS* 7(724),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 1 MG/KG OR MORE.

USA RQR

10DEC1982 JUN1983 FEREAC 47,31319,1982

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. ONE CRITERION FOR ESTABLISHING THE RELATIVE RISK OR DANGER IS THE CHARACTERISTICS OF WASTE IN A GIVEN FACILITY. FOR EXAMPLE, FOR ENDRIN THE TOXICITY VALUE IS 3, THE PERSISTENCE VALUE IS 3, THE IGNITABILITY VALUE IS 1, AND THE REACTIVITY VALUE IS 0.

USA CLASS

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.

USA CLASS

APR1983 CFRUS* 40(180),152,1981

RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 0 MG/KG

USA ARL

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 0.454KG IN ANY 24-HOUR PERIOD. SUCH A DISCHARGE IS A VIOLATION OF THE FEDERAL WATER POLLUTION CONTROL ACT.

USA RQR
RSTR

JUL1983 CFRUS* 40(403),8,1981

ENDRIN AND 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.

USA CLASS
WASTE MXL

(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)
BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.0002 MG/L OF 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 AQ DRINK MPC

JUL1983 CFRUS* 21(103),52,1981

USA REG AQ DRINK MPC

APR1983 CFRUS* 40(261),376,1981

USA REG WASTE RQR

APR1983 CFRUS* 40(261), 360, 1981

MPG 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

REG WASTE

USA

15OCT1979 APR1983 CFRUS* 40(257), 332, 335, 1981

RQR FACILITIES DISPOSING COMMERCIAL (NON-DOMESTIC) SOLID WASTE MUST NOT CONTAMINATE AN UNDERGROUND DRINKING WATER SOURCE BY CAUSING THE CONCENTRATION OF ENDRI IN GROUND WATER TO EXCEED 0.0002 MG/L, OR BY CAUSING ANY INCREASE IF THAT LEVEL IS ALREADY EXCEEDED.

REG WASTE - DRINKING WATER

USA

FAO/WHO	REC	FOOD	ERL	DESCRIPTION	DATE	CODE
				CARROTS, LETTUCE, FAT OF MEAT 0.2 MG/KG; MILK AND MILK PRODUCTS (FAT BASIS) 0.15 MG/KG; EGGS (SHELL-FREE) 0.1 MG/KG; RAW CEREALS (OTHER THAN RICE) 0.02 MG/KG. (WITH ALDRIN, EXPRESSED AS DIELDRIN)		
GBR	REG	LABEL - PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1SEP1978		MCH1982 FPPDD 11,7,1978
GBR	REC	AIR OCC	RQR TLV	TWA : 0.25 MG/M3 STEL : 0.75 MG/M3 SKIN ABSORPTION		JAN1983 GBRSI* 209,1,1978
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONC.'S LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD		MCH1983 GWHSE* EH15/80,9,1980 JUL1983 IMCOC* -,6147,1977
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONC.'S 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		DEC1982 PFAIN* -,70,1981
JPN	REC	MANUF USE	CLASS PROSTR	DESIGNATED AS A "SPECIFIED CHEMICAL SUBSTANCE" WITHOUT AUTHORIZATION FROM THE GOVERNMENT USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORTATION OF SPECIFIED PRODUCTS CONTAINING THE SUBSTANCE.		DEC1982 JPNCO* 20CT,-,1981
JPN	REC	CLASS LABEL SALE	RQR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW		JUL1983 JPPDL* -,,-,
JPN	REC	CLASS LABEL SALE	RSTR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER		JUL1983 JPPDC* -,,-,
JPN	REC	FOOD	ARL	SPECIFIED PLANT PRODUCTS : ND - 0.02MG/KG (INCLUDING DIELDRIN AND ALDRIN)		JUL1983 JPNFS* -,,-,
JPN	REC	GOODS	MPC	THE AMOUNT OF DIELDRIN SHOULD BE LESS THAN 30 UG/G IN TEXTILE PRODUCTS SUCH AS DIAPER COVER UNDERWEAR, SLEEPWEAR, GLOVES, HOSTERY, INTERMEDIATE WEAR, OUTER WEAR, CAP, HAT, BEDDING, CARPET AND KNITTING WOOL. (GC WITH ELECTRON-CAPTURE DETECTOR)		JUL1983 CHPHS* -,,-,1977
KEN	REC	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.02-0.2 MG/KG.		SEP1982 GSKEN* 40,410,1978
MEX	REG	AQ	MPC	0.003 MG/L IN ESTUARIES		OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	MPC	0.3 UG/L IN COASTAL WATERS		OCT1982 DOMEX* 29 MCH,1167,1973
MEX	REG	AQ	MPC	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
SUN	REG	AIR	MAC	CLV : 0.01 MG/M3 (VAPOUR + AEROSOL)		JUN1982 GOSTS* 12.1.005,-,1976
SWE	REC	FOOD	MTC	PLANT (SPECIFIED) : 0.01-0.05 MG/KG (INCL. ALDRIN)		JUL1983 STLIF* 1983:1,1,1983
SWE	REC	FOOD	MTC	ANIMAL (SPECIFIED) : 0.005-0.1 MG/KG (INCL. ALDRIN)		JUL1983 STLIF* 1983:1,1,1983
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100->90%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=90-10% (SOLID) OR 90-2% (LIQUID). TWA: 0.25 MG/M3; STEL: 0.75 MG/M3 (SKIN ABSORPTION)		SEP1982 UNTDG* -,183,1982
USA	REC	AIR OCC	TLV	TWA: 0.25 MG/M3; STEL: 0.75 MG/M3 (SKIN ABSORPTION)		JAN1983 ACCIH* -,9,1982

USA	REG	WASTE	CLASS	DESCRIPTION	DATE	CFRUS*
USA	REG RSTR RQR	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)) 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: FERECAC 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 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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	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: FERECAC 46,38318,1981; 47,27531,1982 (INTERIM)) 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: FERECAC 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 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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	22JUL1981	40(264),455,1981
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: 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)) 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: FERECAC 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 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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	19NOV1980	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. 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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	18JUL1980	40(122.53),121,1981
USA USA	REG REG	AIR AQ EMI WASTE	PEL PRO	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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	JUN1974 12JAN1977	29(1910),673,1981 40(129),285,1981
USA	REG	WASTE	CLASS	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) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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	47,31230,1982
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: FERECAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983) TWA: 0.25 MG/M3, SKIN ABSORPTION MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS. 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 DIELDRIN IS RATED AS A HIGHLY 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.	MAY1983	40(116),33,1981

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	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 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 WASTE MXL	DIELDRIN 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: 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)	JULI 1983 CFRUS* 40(403), 8, 1981
WHO	REC	AQ	DRINK GL	0.03 UG/L (INCL. ALDRIN)	MCH1983 WHODW* -, 17, 1983

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
IO2100000	ALDRIN						
ARG	REG	USE	PRO	AS EXTERNAL PARASITICIDE	30APR1968	MCH1982	ADECA* 2143, -
ARG	REG	FOOD	MXL	0-0.1 MG/KG (FOOD). 0 MG/KG (FEED).	27MCH1969	MCH1982	ALEYP* 18073, -
ARG	REG	FEED	MXL				
ARG	REG	GOODS	MXL	TOBACCO 0 MG/KG.	20DEC1971	MCH1982	ADISS* 80, -
ARG	REG	USE	PRO	USE IN TOBACCO INDUSTRY AND COMMERCE.	20DEC1971	MCH1982	ADISS* 80, -
ARG	REG	AIR	OCC	TWA: 0.25 MG/M3; STEL: 0.75 MG/M3 (SKIN ABSORPTION).	22MAY1979	MCH1982	ADECT* 351, -
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 A MITICIDE; IN TREATMENT OF SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -
BRA	REG	FOOD	AL	PLANT (SELECTED) : 0.02-0.2 MG/KG (EXPRESSED IN DIELDRIIN)	AUG1982	CDABR*	2, 78, 1980
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION	MAY1982	HPMZC*	43, -, 1978
CSK	REG	USE	CLASS	AGRIC PRMT	JUL1967	MAY1982	SZCSH* 22, 217, 1967
CSK	REG	USE	MRL	OF ANIMALORIGIN (SPECIFIED) : 0.1-1.0 MG/KG LWT, 0.1 MG/KG WMT WITH DIELDRIIN, CALCULATED AS DIELDRIIN	AUG1981	MAY1982	SPOR* -, -, 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	28FEB1979	MAY1982	BGBL** IS.1525, 1525, 1978
DEU	REG	USE	SEL	IT IS PROHIBITED TO APPLY AGAINST PARASITES ON POULTRY	MAY1982	BGBL**	IS 1136, 1136, 1981
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	AIR	OCC	0.25 MG/M3 (CUTANEOUS ABSORPTION)			
DEU	REG	USE	RSTR	NOT REGISTERED AS A PESTICIDE.			
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 0.1 MG/KG; PLANT (GENERAL) 0.01 MG/KG. (WITH DIELDRIIN)	1AUG1978		MCH1983 DFSK** XVII11, 14, 1982 MCH1983 DFSK** XVII11, 14, 1982 MCH1982 BGBL** IS.718, 740, 1978
DEU	REG	GOODS	MXL	TOBACCO 0.3 MG/KG (WITH DIELDRIIN, CALCULATED AS DIELDRIIN)	1AUG1978		MCH1982 BGBL** IS.718, 741, 1978
DEU	REG	LABEL - PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976).	10CT1980		JUN1982 BGBL** IS.2069, 2069, 1980
DEU	REG	USE	RQR	HANDLING OF SOME GROUPS OF CHEMICALS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREGNANT AND BREAST-FEEDING WOMEN.			
EEC	REG	LABEL	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). 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).			JUN1982 OJEC** L.360, 1, 1976

FAO/WHO REC	REC	FOOD	ADI	0.1 UG/KG BW (WITH DIELDRIN)	MCH1982	FPPDD	11, 7, 1978
FAO/WHO REC	REC	FOOD	MRL	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	MCH1982	FPPDD	11, 7, 1978
FAO/WHO REC	REC	FOOD	ERL	CARROTS, LETTUCE, FAT OF MEAL 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)	MCH1982	FPPDD	11, 7, 1978
GBR	REG	LABEL - PACK	ROR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	JAN1983	GBRSI*	209, 1, 1978
GBR	REG	USE	ROR PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LI MITATIONS AND SAFETY PRECAUTIONS ARE LISTED	MCH1983	APFG**	-, 89, 1983
GBR	REC	AIR	OCC	TWA : 0.25 MG/M3 STEL : 0.75 MG/M3 SKIN ABSOR PTION	MCH1983	GNHSE*	EH15/80, 9, 1980
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: 11/111 = SUBSTANCE PRESENTING MEDIUM/MINOR DANGER. (APPLIES TO ALDRIN AND I TS MIXTURES)	SEP1982	IMCOC*	4, 10003, 1977
IMO	REC	TRNSP LABEL PACK	MARIN CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT ALL CONC.'S LISTED AS AN EXAMPLE OF A PESTICIDE OF HIGH HAZARD	JUL1983	IMCOC*	111, 6147, 1977
IND	REG	FOOD	SEL	SPECIFIED FOOD PRODUCTS : 0.01-0.2 MG/KG INCL DIELDRIN, EXPRESSED AS DIELDRIN	DEC1982	PFAIN*	-, 70, 1981
JPN	REG	MANUF USE	CLASS PRO RSTR	DESIGNATED AS A SPECIFIED CHEMICAL SUBSTANCE - WITHOUT AUTHORIZATION FROM THE GOVERNMENT , MANUFACTURE AND IMPORTATION ARE PROHIBITED. USES OTHER THAN THOSE SPECIFIED BY CABINET ORDER ARE PROHIBITED. PROHIBITION OF IMPORTA TION OF SPECIFIED PRODUCTS CONTAINING THE SUB STANCE.	DEC1982	JPNCO*	20CT, -, 1981
JPN	REG	CLASS LABEL SALE	CLASS ROR RSTR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983	JPPDL*	-, -,
JPN	REG	CLASS LABEL SALE	CLASS ROR RSTR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGN ATED AS DELETERIOUS BY CABINET ORDER	JUL1983	JPPDC*	-, -,
JPN	REG	FOOD	ARL	SPECIFIED PLANT PRODUCTS : ND - 0.02MG/KG (IN CLUDING DIELDRIN AND ALDRIN)	JUL1983	JPNFS*	-, -,
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 0.1-0.2 MG/KG WITH D IELDRIN.	SEP1982	CSKEN*	40, 410, 1978
MEX	REG	AQ	MPC	0.000 MG/L IN ESTUARIES	27JUN1973	DOMEX*	29 MCH, 1167, 1973
MEX	REG	AQ	MPC	0.04 UG/L IN COASTAL WATERS	27JUN1973	DOMEX*	29 MCH, 1167, 1973
MEX	REG	AQ	MPC	0.017 MG/L IN RECEIVING WATERS USED FOR DRINK ING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND GREAT ION	27JUN1973	DOMEX*	29 MCH, 1167, 1973
SUN	REG	AQ	SURF	2 UG/L	JUN1982	PKTIV*	-, -, 1978
SUN	REG	FOOD	PRO	PESTICIDE PROHIBITED IN ALL FOOD	JUN1982	NIKDP*	-, 512, 1978
SUN	REG	USE	PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE	NOV1982	KGTXP*	-, -, 1981
SUN	REG	MANUF	PRO	USE	JUN1977	COSTS*	12.1.005, -, 1976
SUN	REC	AIR	OCC	CLV : 0.01 MG/M3 (VAPOUR + AEROSOL)	OCT1982	SINAF*	1978:5(PK:6), 1, 1978
SWE	REC	FOOD	MTC	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE PLANT (SPECIFIED) : 0.01-0.05 MG/KG (INCL. DI ELDRIN)	22DEC1978	SINAF*	1978:5(PK:6), 1, 1978
SWE	REC	FOOD	MTC		JUL1983	STLIF*	1983:1, 1, 1983

SWE	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.005-0.1 MC/KG (INCL. D	1MCH1983	JUL1983	STLIF*	1983:1,1,1983
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICAL DANGER WHEN AI=100-75%; 111 = SUBSTANCE PRESENTING MINOR DANGER WHEN AI=75-7% (SOLID) OR 75-2% (LIQUID). TLV: 0.25 MC/M3; STEL: 0.75 MC/M3. (SKIN ABSORPTION)	-	SEP1982	UNTDG*	-, 183, 1982
USA	REC	AIR OCC	TLV	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).	-	JAN1983	ACCIH*	-, 9, 1982
USA	REC	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: FEREC 46,38318,1981; 47,27531,1982 (INTERIM))	19NOV1980	JUL1983	CFRUS*	40(261), 367, 1981
USA	REC	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: FEREC 46,35246,1981; 46,47429,1981; 46,56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 47,36097,1983 (ENFORCEMENT GUIDANCE).	22JUL1981	JUL1983	CFRUS*	40(264), 455, 1981
USA	REC	WASTE	CLASS RSTR 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	REC	AIR AQ	EMI WASTE	MANUFACTURERS AND FORMULATORS OF THE SUBSTANCE ARE PROHIBITED FROM DISCHARGING ANY PROCESS WASTE, CLEANUP WATER, STORMWATER RUNOFF, ETC INTO NAVIGABLE WATERS.	JUN1974	APR1983	CFRUS*	29(1910), 673, 1981
USA	REC	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENTATION 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	12JAN1977	MAY1983	CFRUS*	40(129), 285, 1981
USA	REC	WASTE	CLASS		10DEC1982	JUN1983	FEREC	47, 31230, 1982

VII/281 (contd.)

IN A GIVEN FACILITY. FOR EXAMPLE ALDRIN IS R
ATED AS A HIGHLY PERSISTENT COMPOUND

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. ONE CRITERION FOR ESTABLISHING THE RELATIVE R ISK OR DANGER IS THE CHARACTERISTICS OF WASTE S IN A GIVEN FACILITY. FOR EXAMPLE, FOR ALDRI N THE TOXICITY VALUE IS 3. THE PERSISTENCE VA LUE IS 3. THE IGNITABILITY VALUE IS 1, AND TH E REACTIVITY VALUE IS 0 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 ION CONTROL ACT. RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN D ANIMAL PRODUCTS) : 0-0.1 MG/KG (INCL. DIELD RIN) 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 0.454KG IN ANY 24-HOUR PERI OD. SUCH A DISCHARGE IS A VIOLATION OF THE FE DERAL WATER POLLUTION CONTROL ACT. ALDRIN IS AMONG OTHERS CLASSIFIED AS TOXIC PO LLUTANTS 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 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) 0.03 UC/L (INCL. DIELDRIN)	10DEC1982	JUN1983	FEREAC	47,31319,1982
USA	REG AQ	EMI	CLASS	MAY1983 CFRUS* 40(116),33,1981				
USA	REG AQ	FOOD FEED	ARL	APR1983 CFRUS* 40(180),152,1981				
USA	REG AQ	EMI	RQR RSTR	MAY1983 CFRUS* 40(117),44,1981				
USA	REG AQ	EMI WASTE MXL	CLASS MXL	JUL1983 CFRUS* 40(403),8,1981				
WHO	REC AQ	DRINK GL	GL	MCH1983 WHODW* -,17,1983				

UN	REC	TRNSP LABEL PACK	HAZARD CLASS: 3 = INFLAMMABLE LIQUID PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.	UNTDG*
USA USA	REG REG	AIR WASTE	OCC EMI	TLV RSTR RQR	(APPLIES TO SOLUTIONS) TWA: 18 MG/M3 (10 PPM). 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)). TWA: 18 MG/M3 (10PPM) 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 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. 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. 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)	SEP1982 JAN1983 JUL1983
USA	REG	AQ	EMI	RQR RSTR	19NOV1980 JUN1974	- , 9, 1982 ACGIH* - , 9, 1982 CFRUS* 40 (261), 368, 1981
USA	REG	AQ	EMI WASTE	RQR	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981 MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	AQ	EMI WASTE	RQR	JUN1974	MAY1983 CFRUS* 40(117), 44, 1981
USA	REG	TRNSP		RSTR RQR CLASS	JUN1974	JUL1983 CFRUS* 33(126), 613, 1981
USA	REG	AQ	EMI WASTE	RQR	JUN1974	MAY1983 CFRUS* 40(122), 121, 1981

IQ0525000 DIMETHYLNITROSAMINE; DMN; N-NITROSODIMETHYLAMINE.

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED.	MCH1983	DFSK** XVIII, 14, 1982
DEU	REC	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.	1OCT1980	JUL1982 BGBL** IS.2069,2069,1980
DEU	REG	AIR	IMI	RQR	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE, AND CAUSE A PUBLIC DANGER.	MAY1982	BGBL** IS.772,772,1980
EEC	REG	MANUF USE	INDST	RQR	CLASSIFIED 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 AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	8JAN1984	DEC1982 OJEC** L230,1,1982
SWE	REG	OCC		CLASS		22DEC1978	OCT1982 STNAF# 1978:5(PK:6),1,1978
SWE	REG	MANUF USE		PRO	CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.	1JAN1982	SEP1982 AFS*** 1981:8,25,1981
USA	REC	AIR	OCC	TLV	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. (SKIN ABSORPTION).	JAN1983	ACCIH* -,9,1982
USA	REC	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: FLEAC 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	RQR	DESCRIPTION	DATE
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); 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 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). 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)	22JUL1981 JUL1983 CFRUS* 40(264), 455, 1981
USA	REG	WASTE	RQR	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: FERAC 46,35246,1981; 46,47429,1981; 46,56582,1981 (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 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)	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. 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	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 INVOLVED 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	JUN1983 CFRUS* 29(1910), 684, 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 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) (ALSD: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,55226,1982; 48,15382,1983)	JUL1983 CFRUS* 40(403), 8, 1981

JC8225000 P-DIOXANE

AREA	TYPE	REG	AIR	EMI	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II 180 MG/M3 (50 PPM). (CUTANEOUS ABSORPTION) (V P=4.1 KPA AT 20C) SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THE BEFORE TENTATIVELY RETAINED.				JUN1982 KOIMM* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK	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 PREGNANTS AND PREGNANT OR NURSING WOMEN.				MCH1983 DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE	OCC	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. THE SOLVENT IS CLASSIFIED IN CLASS IIB.		10OCT1980	JUN1982 BGBL** IS.2069, 2069, 1980	
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. THE SOLVENT IS CLASSIFIED IN CLASS IIB.		10OCT1980	JUL1982 BGBL** IS.2069, 2069, 1980	
EEC	REG	LABEL PACK		RQR RQR	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). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKET IN WHICH IT IS PROHIBITED.			JUN1982 OJEC** L.360, 1, 1976	
EEC	REG	GOODS		PRO	HARMFUL 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)		1JAN1986	NOV1982 OJEC** 25(L1671), 1, 1982	
EEC	REG	CLASS PACK LABEL SALE		RQR RQR RSTR	HARMFUL 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)		1JAN1984	JAN1983 OJEC** L213, 17, 1982	
GBR	REG	LABEL - PACK -		RQR RQR	EMERGENCY ACTION CODE : 2SE		1SEP1978	JAN1983 GBRSI* 209, 1, 1978	
GBR	REG	TRNSP LABEL		RQR	EMERGENCY ACTION CODE : 2SE		28MCH1979	JAN1983 GBRSI* 1702, 1, 1978	
GBR	REC	AIR	OCC	TIY	IWA : 180 MG/M3 (50 PPM) SKIN ABSORPTION (APPLIES WHEN OF TECHNICAL GRADE) (INTENDED CHANGES : IWA : 90 MG/M3 (25 PPM) SIEL : 360 MG/M3 (100 PPM) SKIN ABSORPTION. (APPLIES WHEN OF TECHNICAL GRADE))			MCH1983 GHRSE* EH15/80.9, 1980	

IMO	REC	TRANSP LABEL	MARIN	CLASS	HAZARD CLASS:	PACKING GROUP:	HAZARD CLASS:	PACKING GROUP:	IMCOC*	DATE	DESCRIPTION
SUN	REG	AIR	OCC	MAC	3-2 = INFLAMMABLE LIQUID.	II = SUBSTANCE PRESENTING MED	3-2 = INFLAMMABLE LIQUID.	II = SUBSTANCE PRESENTING MED	4, 10003, 1977	-	SEP1982
SWE	REG	AIR	OCC	TLV	UM DANGER.		UM DANGER.			JAN1977	
SWE	REG	AIR	OCC	TLV	CLV : 10.0 MG/M3 (VAPOUR)		CLV : 10.0 MG/M3 (VAPOUR)			JUN1982	GOSTS* 12.1.005, -, 1976
UN	REG	TRNSP LABEL		CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE		GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE			OCT1982	STNAF* 1978:5(PK:6), 1, 1978
USA	REG	AIR	OCC	TLV	TWA : 90 MG/M3 (25 PPM). {SKIN ABSORPTION} STE		TWA : 90 MG/M3 (25 PPM). {SKIN ABSORPTION} STE			SEP1982	AFS*** 1981:8,9,1981
USA	REG	AIR	OCC	TLV	L : 180 MG/M3 (50 PPM) CARCINOGENIC		L : 180 MG/M3 (50 PPM) CARCINOGENIC			SEP1982	UNTDG* -, 9, 1982
USA	REG	WASTE		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID		HAZARD CLASS: 3 = INFLAMMABLE LIQUID			JAN1983	ACGIH* -, 9, 1982
USA	REG	WASTE		CLASS	PACKING GROUP: II = SUBSTANCE PRESENTING MED		PACKING GROUP: II = SUBSTANCE PRESENTING MED			JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG	WASTE		CLASS	UM DANGER.		UM DANGER.			19NOV1980	
USA	REG	WASTE		CLASS	TWA: 90 MG/M3 (25 PPM) (TG); STEL: 360 MG/M3		TWA: 90 MG/M3 (25 PPM) (TG); STEL: 360 MG/M3			JUL1983	CFRUS* 40(264), 455, 1981
USA	REG	WASTE		CLASS	(100 PPM) (TG). (SKIN ABSORPTION)		(100 PPM) (TG). (SKIN ABSORPTION)				
USA	REG	WASTE		CLASS	THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL		THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL				
USA	REG	WASTE		CLASS	PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU		PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SU				
USA	REG	WASTE		CLASS	BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR		BJECT TO HANDLING, TRANSPORT, TREATMENT, STOR				
USA	REG	WASTE		CLASS	AGE AND DISPOSAL REGULATION AND PERMIT AND NO		AGE AND DISPOSAL REGULATION AND PERMIT AND NO				
USA	REG	WASTE		CLASS	TIFICATION REQUIREMENTS. (AMENDED: FEREC 46,		TIFICATION REQUIREMENTS. (AMENDED: FEREC 46,				
USA	REG	WASTE		CLASS	56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,		56582, 1981 (INTERIM); 47, 36097, 1982; 48, 2532,				
USA	REG	WASTE		CLASS	1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU		1983 (INTERIM); 48, 11157, 1983 (ENFORCEMENT GU				
USA	REG	WASTE		CLASS	IDANCE).		IDANCE).				
USA	REG	WASTE		CLASS	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC		AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC			22JUL1981	
USA	REG	WASTE		CLASS	NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND		NERATOR MUST ACHIEVE 99.99% DESTRUCTION AND				
USA	REG	WASTE		CLASS	REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I		REMOVAL EFFICIENCY FOR THIS SUBSTANCE IF IT I				
USA	REG	WASTE		CLASS	S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS		S DESIGNATED AS A PRINCIPAL ORGANIC HAZARDOUS				
USA	REG	WASTE		CLASS	CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER		CONSTITUENT IN ITS EPA PERMIT. (AMENDED: FER				
USA	REG	WASTE		CLASS	EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)		EAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)			19NOV1980	CFRUS* 40(261), 358, 1981
USA	REG	WASTE		CLASS	ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT		ANY SOLID WASTE (EXCEPT DOMESTIC), IF IT CONT				
USA	REG	WASTE		CLASS	AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD		AINS THIS SUBSTANCE, MUST BE LISTED AS HAZARD				
USA	REG	WASTE		CLASS	OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR		OUS WASTE (SUBJECT TO HANDLING, TRANSPORT, TR				
USA	REG	WASTE		CLASS	EATMENT, STORAGE AND DISPOSAL REGULATION AND		EATMENT, STORAGE AND DISPOSAL REGULATION AND				
USA	REG	WASTE		CLASS	PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS		PERMIT AND NOTIFICATION REQUIREMENTS) UNLESS				
USA	REG	WASTE		CLASS	IT IS FOUND THE WASTE CANNOT POSE A THREAT TO		IT IS FOUND THE WASTE CANNOT POSE A THREAT TO				
USA	REG	WASTE		CLASS	HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE		HUMAN HEALTH OR THE ENVIRONMENT WHEN IMPROPE				
USA	REG	WASTE		CLASS	RLY MANAGED. (AMENDED: FEREC 46, 35246, 1981;		RLY MANAGED. (AMENDED: FEREC 46, 35246, 1981;				
USA	REG	WASTE		CLASS	46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36		46, 47429, 1981; 46, 56582, 1981 (INTERIM); 47, 36				
USA	REG	WASTE		CLASS	097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19		097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19				
USA	REG	WASTE		CLASS	83 (ENFORCEMENT GUIDANCE).		83 (ENFORCEMENT GUIDANCE).				
USA	REG	WASTE		CLASS	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU		THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU				
USA	REG	WASTE		CLASS	IREMENTS IN PLANT PRODUCTS WHEN USED ACCORDIN		IREMENTS IN PLANT PRODUCTS WHEN USED ACCORDIN				
USA	REG	WASTE		CLASS	G TO GOOD AGRICULTURAL PRACTICE AS INERT (OR		G TO GOOD AGRICULTURAL PRACTICE AS INERT (OR				
USA	REG	WASTE		CLASS	OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES		OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDES				
USA	REG	WASTE		CLASS	APPLIED TO GROWING CROPS FOR SOME SPECIFIED		APPLIED TO GROWING CROPS FOR SOME SPECIFIED				
USA	REG	WASTE		CLASS	PURPOSES.		PURPOSES.				
USA	REG	WASTE		CLASS	TWA: 360 MG/M3 (100PPM), SKIN ABSORPTION		TWA: 360 MG/M3 (100PPM), SKIN ABSORPTION				
USA	REG	WASTE		CLASS	MAY BE USED AS A COMPONENT OF ADHESIVES IN AR		MAY BE USED AS A COMPONENT OF ADHESIVES IN AR				
USA	REG	WASTE		CLASS	TICLES INTENDED FOR USE IN PACKAGING, TRANSPD		TICLES INTENDED FOR USE IN PACKAGING, TRANSPD				
USA	REG	WASTE		CLASS	RTING OR HOLDING FOOD		RTING OR HOLDING FOOD				
USA	REG	WASTE		CLASS						JUN1974	
USA	REG	WASTE		CLASS						APR1983	CFRUS* 29(1910), 673, 1981
USA	REG	WASTE		CLASS						JUL1983	CFRUS* 21(175), 114, 1981

JJ7800000 DIPHENYLAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
DEU	REG	FOOD LABEL	MRL	PLANT (SPECIFIED) 3.0 MG/KG FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1AUG1978	BGBL** IS.718,728,1978
DEU	REG	PACK USE	RQR	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.	10CT1980	BGBL** IS.2069,2069,1980
EEC	REG	LABEL	RQR	T - TOXIC. TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER 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).	JUN1982	OJEC** L.360,1,1976
FAO/WHO	REC	FOOD	ADI	0.02 MG/KG BW	MCH1982	FPPDD 20,73,1980
FAO/WHO	REC	FOOD	MRL	APPLES 5 MG/KG	MCH1982	FPPDD 20,73,1980
GBR	REG	LABEL	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	JAN1983	GBRSI* 209,1,1978
GBR	REG	PACK	RQR	1,1976)		
GBR	REC	AIR	TLV	TWA : 10 MG/M3 STEL : 20 MG/M3		
KEN	REG	FOOD	MXL	APPLES: 10.0 MG/KG		
SUN	REG	AQ	MAC	0.05 MG/L		
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 3 MG/KG		
USA	REC	AIR	TLV	TWA: 10 MG/M3; STEL: 20 MG/M3.	1MCH1983	GHSE* EH15/80,9,1980
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))	JUL1983	GSKEN* 40,410,1978
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)).	JAN1983	PKTV* -,1978
USA	REG	WASTE	RQR	RAW AGRICULTURAL PRODUCTS (MEAT AND MILK) : 0 MG/KG	JUL1983	STLIF* 1983:1,1,1983
USA	REG	FOOD	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: FER EAC 46,3246,1981; 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	ACSIH* -,9,1982
USA	REG	FEED	RSTR		JUL1983	CFRUS* 40(264),455,1981
USA	REG	WASTE	RQR		19NOV1980	CFRUS* 40(261),358,1981
USA	REG	FOOD	ARL			
USA	REG	FEED	CLASS		APR1983	CFRUS* 40(180),152,1981
USA	REG	WASTE	RSTR		APR1983	CFRUS* 40(261),362,378,1981

RECOMMENDATIONS-LEGAL MECHANISMS

JJ9800000 N-NITROSODIPHENYLAMINE

AREA	TYPE	SUBJECT	EMI	WASTE	DESCR	LEVELS, REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
USA	REG	AQ	EMI	RQR	WASTE	<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: FEREAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)</p> <p>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)</p> <p>(ALSO: 47,31554,1982; 47,46434,1982; 47,52848,1982; 47,5226,1982; 48,15382,1983)</p> <p>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.</p>	18JUL1980	MAY1983 CFRUS* 40(122.53), 121, 1981
USA	REG	AQ	EMI	WASTE	MXL		JUL1983	CFRUS* 40(403), 8, 1981
USA	REG	USE	MANUF	AGRIC	RSTR		AUG1983	FEREAC 47,33777, 1982

JL9700000 DI-N-PROPYL NITROSAMINE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE ENTRY DATE	REFERENCES
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	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 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	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 HIS 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	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	JUL1983	CFRUS* 40(403), 8, 1981

, 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)

USA REG USE AGRIC 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.

IMO	REC	TRNSP LABEL PACK	MAR IN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE AT CONC. 1'S ABOVE 5% 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 HERBICIDE	JUL1983 JPAGR* -, -,
JPN	REG	CLASS LABEL	SALE	RSTR	3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW	JUL1983 JPPDL* -, -,
JPN	REG	CLASS LABEL	SALE	RSTR	4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER	JUL1983 JPPDC* -, -,
SUN	REG	AIR	OCC	PSL	0.2 MG/M3 (VAPOUR + AEROSOL)	JUN1982 PDKTV* -, -, 1978
SUN	REG	FOOD	FOOD	MRL	LIMITS	JUN1982 NIKDP* -, -, 512, 1978
SWE	REG	FOOD	FOOD	MTC	PLANT (SPECIFIED) : 0.1-0.5 MG/KG	JUL1983 STLIF* 1983:1, 1, 1983
SWE	REG	SALE	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).	OCT1982 PFBEK* -, 58, 1982
UN	REG	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 111 = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-45% (SOLID) OR 100-10% (LIQUID).	SEP1982 UNTDG* -, 183, 1982
USA	REG	AIR	OCC	TLV	TLV: 0.5 MG/M3; STEL: 1 MG/M3	JAN1983 ACCIH* -, 9, 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 SUBSTANCE FOR PURPOSES OF DISCHARGE (INCLUDING SPILLING, LEAKING, ETC.) UNDER THE WATER POLLUTION CONTROL ACT.	MAY1983 CFRUS* 40(116), 33, 1981
USA	REG	FOOD	FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.02-0.1 MG/KG (OF DIQUAT FROM AQUATIC APPLICATION OF THE DIBROMIDE SALTS). 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 4 7,8013,1982)	APR1983 CFRUS* 40(180), 152, 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 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	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	MAY1983 CFRUS* 40(122), 121, 1981

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)

VII/295

USA REG FEED USE ARL DRIED POTATO WASTE: 1.0 MG/KG OF DIQUAT FROM 8JUN1981 AUG1983 FERECAC 46,30339,1981
PRMT APPLICATION OF THE DIBROMIDE SALT (CALCULATED
AS THE CATION)

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RECOMMENDATIONS-LEGAL MECHANISMS

JM5750000 DIQUAT DICHLORIDE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	LABEL - PACK - USE OCC	ROR ROR RSTR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976). HANDLING OF SOME GROUPS OF CHEMICA LS (INCL. CARCINOGENIC, MUTAGENIC, POISONOUS, EXPLOSIVE AND EASILY INFLAMMABLE COMPOUNDS) IS PROHIBITED OR RESTRICTED FOR PREADULTS AND PREGNANT OR NURSING WOMEN. T - TOXIC. (NOTE A). VERY TOXIC BY INHALATI ON. 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 UNW ELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW TH E LABEL WHERE POSSIBLE) (S 45). (APPLIES TO D IQUAT 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** L.360 ,1,1976)	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
EEC	REG	LABEL PACK	ROR ROR			JUN1982	OJEC** L.360,1,1976
EEC	REG	FOOD	MRL			1JUL1984	DEC1982 OJEC** L234,1,1982
GBR	REG	LABEL - PACK -	ROR ROR			1SEP1978	JAN1983 GBRSI* 209,1,1978

KH210000 ETHYLAMINE

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, -, 1980
DEU	REG	AIR EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H C CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG C/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I		JUN1982	KOIMM* 1, 18 1/12, 1979
DEU	REC	AIR OCC	MAX	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360	10OCT1980	MCH1983	DFSK** XV/11, 14, 1982
DEU	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC**, L.360		JUN1982	BGBL** 1S.2069,2069, 1980
		PACK -	RQR	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			
		USE OCC	RSTR				
EEC	REG	LABEL	RQR	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).		JUN1982	OJEC** L.360, 1, 1976
		PACK	RQR				
GBR	REG	LABEL -	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360	1SEP1978	JAN1983	GBRSI* 209, 1, 1978
		PACK -	RQR	1, 1976)			
GBR	REG	TRNSP LABEL	RQR	LABELLING OF ROAD TANKERS : FLAMMABLE GAS. EM	28MCH1979	JAN1983	GBRSI* 1702, 1, 1978
		EMBI	RQR	EMERGENCY ACTION CODE : 2PE			
GBR	REC	AIR OCC	TLV	TWA : 18 MG/M3 (10 PPM)		MCH1983	GNIUSE* EH15/80, 9, 1980
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 2(2.1) = GAS (COMPRESSED, LIQUEFIED, ETC.). PACKING GROUP: -		SEP1982	IMCOC* 4, 10003, 1977
		PACK	CLASS				
JPN	REC	AIR OCC	MAC	18 MG/M3 (10 PPM)		NOV1982	SAIGLB SUP23(5), 565, 1981
SUN	REG	AQ SURF	MAC	0.5 MG/L		JUN1982	PDKIV* -, -, 1978
SUN	REG	AIR AMBI	MAC	0.01 MG/M3 1X/D; 0.01 MG/M3 AV/D		JUN1982	PDKIV* -, -, 1978
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.) (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID).		SEP1982	UNTDG* -, 9, 1982
		PACK	CLASS	PACKING GROUP: -			
UN	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID.		SEP1982	UNTDG* -, 9, 1982
		PACK	CLASS	PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDICUM DANGER.			
				(APPLIES TO AQUEOUS SOLUTIONS WITH NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE).			
USA	REC	AIR OCC	TLV	TWA: 18 MG/M3 (10 PPM).		JAN1983	ACCIH* -, 9, 1982
USA	REG	AIR OCC	PEL	TWA: 18 MG/M3 (10 PPM)		APR1983	CFRUS* 29(1910), 673, 1981
USA	REC	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRESENT 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	JUN1974 10DEC1982	JUN1983	FEREAC 47, 31230, 1982

VII/297 (contd.)

K OR DANGER IS THE CHARACTERISTICS OF WASTES
IN A GIVEN FACILITY. FOR EXAMPLE ETHYLAMINE
IS RATED AS A NON-PERSISTENT COMPOUND

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 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 454 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
ABLISHED BY THE EPA DIRECTOR
(AMENDED: FERLAC 46,35090,1981; 46,36703,1981
; 47,24918,1982; 48,14146,1983)

USA CLASS EMI RQR
RSTR

MAY1983 CFRUS* 40(117), 44, 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 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 454 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
ABLISHED BY THE EPA DIRECTOR
(AMENDED: FERLAC 46,35090,1981; 46,36703,1981
; 47,24918,1982; 48,14146,1983)

USA CLASS EMI RQR
RSTR

MAY1983 CFRUS* 40(122), 121, 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 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 454 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
ABLISHED BY THE EPA DIRECTOR
(AMENDED: FERLAC 46,35090,1981; 46,36703,1981
; 47,24918,1982; 48,14146,1983)

USA CLASS EMI RQR
WASTE

USA	REG	WASTE	RQR	AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC 22JUL1981 JUL1983 CFRUS* 40(264),455,1981 OPERATOR 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)	40(264),455,1981
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: 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 CHLORINATED ETHANES)	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: FER EAC 46,35091,1981; 46,36703,1981; 47,24918,1982; 48,14146,1983)	18JUL1980 MAY1983 CFRUS* 40(122.53),121,1981
USA	REG	AIR	PEL	TWA: 2600 MG/M3 (1000PPM)	JUN1974 APR1983 CFRUS* 29(1910),673,1981
USA	REG	AQ	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: 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; 47,52226,1982; 48,15382,1983)	JUN1974 APR1983 CFRUS* 29(1910),673,1981 JUL1983 CFRUS* 40(403),8,1981

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 CALCULATED AS BROMINE).	27MCH1969	MCH1982	ALEYP* 18073,-,	
ARG	REG	FEED	MXL	30-50 MG/KG (OF INORGANIC BROMINE CALCULATED AS BROMINE).	27MCH1969	MCH1982	ALEYP* 18073,-,	
ARC	REG	AIR	OCC	TWA: 140 MG/M3 (20 PPM); STEL: 220 MG/M3 (30 PPM).	22MAY1979	MCH1982	ADECT* 351,-,	
BRA	REG	FOOD	AL	PLANT (SPECIFIED): 10-50 MG/KG	JUL1967	AUG1982	CDABR* 2,69,1980	
CSK	REG	FOOD	CLASS	POISONOUS SUBSTANCE		MAY1982	SZCSR* 22,217,-,1967	
DEU	REG	AIR	EMI	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C MASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II CARCINOGENIC WORKING MATERIAL - PROVEN IN ANIMAL EXPERIMENTS. NO MAK VALUE ESTABLISHED. (CUTANEOUS ABSORPTION) (VP=1.5 KPA AT 20C) CARCINOGENIC WORKING MATERIAL - GROUP I (VERY HIGHLY DANGEROUS); -; GROUP II (HIGHLY DANGE ROUS); 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.				
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII,14,1982	
DEU	REG	USE	OCC	RSTR	10OCT1980	JUL1982	BGBL** IS.2069,2069,1980	
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR		10OCT1980	JUN1982	BGBL** IS.2069,2069,1980	
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: POISONOUS CLASSES IIA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IIB.	10OCT1980	JUL1982	BGBL** IS.2069,2069,1980	
DEU	REG	AIR AQ SOIL SED	IMI IMI RQR IMI	REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE, AND CAUSE A PUBLIC DANGER.		MAY1982	BGBL** IS.772,772,1980	

EEC	REG	LABEL PACK	RQR	INDST	CLASS	REG	MANUF USE	RQR	JUN1982	OJEC**	L.360,1,1976	
EEC	REG	MANUF - USE	CLASS RQR	INDST RQR	CLASS	REG	INDST RQR	CLASS RQR	8JAN1984	OJEC**	L230,1,1982	
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR		CLASS RQR RQR RSTR	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	1JAN1984	OJEC**	L213,17,1982	
FAO/WHO	REC	FOOD	GL		GL		FOOD	GL			APR1982	FPPDD 20,80,1980
GBR	REG	LABEL - PACK -	RQR RQR		RQR RQR	GBR	LABEL - PACK -	RQR RQR	1SEP1978	GBRSI*	209,1,1978	
GBR	REG	TRNSP LABEL	CLASS RQR		CLASS RQR	GBR	TRNSP LABEL	CLASS RQR	28MCH1979	GBRSI*	1702,1,1978	
GBR	REC	AIR OCC	TIV		TIV	GBR	AIR OCC	TIV		GNHSE*	EH15/80,9,1980	
IMO	REC	TRNSP LABEL PACK USE	CLASS RQR		CLASS RQR	IMO	TRNSP LABEL PACK USE	CLASS RQR		IMCOC*	4,10003,1977	
JPN	REG	AGRIC	PRMT		PRMT	JPN	AGRIC	PRMT		JPAGR*	-,-,	
JPN	REG	CLASS LABEL SALE	RQR RSTR		CLASS RQR RSTR	JPN	CLASS LABEL SALE	RQR RSTR		JPPDL*	-,-,	
JPN	REG	CLASS LABEL SALE	RQR RSTR		CLASS RQR RSTR	JPN	CLASS LABEL SALE	RQR RSTR		JPPDC*	-,-,	
KFN	REG	FOOD	MXL		MXL	KFN	FOOD	MXL		GSKEN*	40,410,1978	
SWE	REG	OCC	PRO		PRO	SWE	OCC	PRO	22DEC1978	SINAF*	1978:5(PK:6),1,1978	
SWE	REG	MANUF USE	PRO		PRO	SWE	MANUF USE	PRO	1JAN1982	AFS***	1981:8,25,1981	

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.

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.

FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)

LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2X

HUMAN CARCINOGEN (INTENDED CHANGES : AN INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN)

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP: II = SUBSTANCE PRESENTING MEDICAL DANGER.
THE SUBSTANCE IS REGISTERED AND APPROVED AS A N INSECTICIDE

3= SUBSTANCE DESIGNATED AS DELETERIOUS BY LAW

4 = PREPARATIONS OF THIS SUBSTANCE ARE DESIGNATED AS DELETERIOUS BY CABINET ORDER (EXCEPT WHEN THE CONCENTRATION IS BELOW 50%)
SPECIFIED FOOD PRODUCTS: 5.0-75.0 MG/KG CALICULATED AS INORGANIC BROMIDE.

GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE CARCINOGENIC SUBSTANCE. THE SUBSTANCE MAY BE MANUFACTURED, USED AND HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE.

USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 10-50 MG/KG OF INORGANIC BROMIDES RESULTING FROM FUMIGATION WITH ETHYLENE DIBROMIDE	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SOYBEANS) : 0.001 MG/KG	APR1983 CFRUS* 40(180), 152, 1981
USA	REG	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 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	FEED USE	ARL FRMT	SPECIFIED ANIMAL FEED PRODUCTS : 90-400 MC BR /KG OF INORGANIC BROMIDE AFTER APPLICATION OF METHYL-BROMIDE, ETHYLENE DIBROMIDE OR 1,2-DIBROMO-3-CHLOROPROPANE	JUL1983 CFRUS* 21(561), 523, 1981
USA	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 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)	MAY1983 CFRUS* 40(122), 121, 1981

K10525000 1,2-DICHLOROETHANE

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 : 50.0 MG/M3 CLV : 100.0 MG/M3	MAY1982	HPMZC* 39, -, 1978
CSK	REG	AIR	AMBI	MAC	1.0 MG/M3, AV/D 3.0 MG/M3, AV/0.5H	MAY1982	AHEM** SUPPL. 6, -, 1975
CSK	REG	AIR	EMI	CLASS	POISONOUS SUBSTANCE	MAY1982	SZCSR* 22, 217, -, 1967
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I	JUN1982	KOIMN* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK	80 MG/M3 (20 PPM). SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. (VP=8.7 KPA AT 20C)	MCH1983	DFSK** XVIII, 14, 1982
DEU	REC	LABEL PACK USE	-	RQR RQR RSTR	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 PREGNANT AND PREGNANT OR NURSING WOMEN.	10OCT1980	BGBL** IS.2069, 2069, 1980
DEU	REC	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 : POISONOUS CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IIA.	10OCT1980	BGBL** IS.2069, 2069, 1980
EEC	REC	LABEL PACK	-	RQR RQR	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).	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	GOODS	-	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKET IN GERMANY IS PROHIBITED.	1JAN1986	OJEC** 25(L167), 1, 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	OJEC** L213, 17, 1982

FAO/WHO	REC	FOOD	GL	DESCRIPTION	DATE	REFERENCE
GBR	REG	LABEL - PACK -	RQR	CEREAL GRAINS (AT POINT OF ENTRY INTO A COUNT RY 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 OT HER CEREAL PRODUCTS (AT POINT OF RETAIL SALE OR WHEN OFFERED FOR CONSUMPTION) 0.1 MG/KG. FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 ,1,1976)	APR1982	FPPDD 20,80,1980
GBR	REG	TRNSP LABEL	RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2YE	JAN1983	GBRSI* 209,1,1978
GBR	REC	AIR OCC	RQR	TWA : 40 MG/M3 (10 PPM) STEL : 60 MG/M3 (15 P PM)	JAN1983	GBRSI* 1702,1,1978
IMO	REC	TRNSP LABEL	CLASS	HAZARD CLASS: 3.2 = INFLAMMABLE LIQUID. PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.	MCH1983	GNHSE* EH15/80,9,1980
JPN	REC	AIR OCC	MAC	200 MG/M3 (50 PPM)	SEP1982	IMCOC* 11,10003,1977
SWE	REC	AIR	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	NOV1982	SAICLB SUP23(5),565,1981
SWE	REC	AIR OCC	TLV	TWA : 4 MG/M3 (1 PPM) STEL : 20 MG/M3 (5 PPM) SKIN ABSORPTION, CARCINOGENIC	OCT1982	SINAF* 1978:5(PK:6),1,1978
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (SUBSIDI ARY RISK: 6.1 = POISONOUS SUBSTANCE) PACKING GROUP: 11 = SUBSTANCE PRESENTING MEDI UM DANGER.	SEP1982	AFS*** 1981:8,9,1981
USA	REC	AIR OCC	TLV	TWA: 40 MG/M3 (10 PPM); STEL: 60 MG/M3 (15 P PM).	SEP1982	UNIDC* -,9,1982
USA	REC	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). AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC INERATOR 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)	JAN1983	ACGIH* -,9,1982
USA	REG	WASTE	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: 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)	JUL1983	CFRUS* 40(261),358,1981
USA	REG	FOOD FEED	ARL	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.	APR1983	CFRUS* 40(180.1001),258,1981
USA	REG	FOOD	ARL	THE SUBSTANCE IS EXEMPTED FROM TOLERANCE REQU IREMENTS IN ANIMAL PRODUCTS WHEN USED ACCORDI NG TO GOOD AGRICULTURAL PRACTICE AS INERT (OR OCCASIONALLY ACTIVE) INGREDIENT OF PESTICIDE S APPLIED TO ANIMALS FOR SOME SPECIFIED PURPO SES.	APR1983	CFRUS* 40(180.1001),264,1981

, 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, 55226, 1982; 48, 15382, 1983)

USA	REG	FOOD	MPC	THE FOOD ADDITIVE MODIFIED HOP EXTRACT : 150 MG/KG	JUN1983 CFRUS* 21(172), 52, 1981
USA	REG	FOOD USE	PRMT AGRIC MPC	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(172), 59, 1981
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(175), 114, 1981
USA	REG	FOOD USE	MPC PRMT	SPICE OLEORESINS : 30 MG/KG (INCL. ALL CHLORINATED SOLVENTS) (AFTER BEING USED IN THE PRODUCTION OF THE PRODUCT(S))	JUN1983 CFRUS* 21(173), 104, 1981
USA	REG	FOOD	MPC	THE FOOD ADDITIVE WHOLE FISH PROTEIN, WHEN USED FOR CERTAIN SPECIFIED PURPOSES IN FOOD FOR HUMAN CONSUMPTION MUST CONTAIN NO MORE THAN 250 MG/KG OF THIS SUBSTANCE	JUN1983 CFRUS* 21(172), 23, 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 = 300 MG/KG	JUL1983 CFRUS* 21(573), 558, 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 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	MAY1983 CFRUS* 21(73), 240, 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, 376, 1981
WHO WHO/FAO	REC REC	AQ HUMAN FOOD	DRINK GL ADI	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.	MCH1983 WHODW* -, 17, 1983 JAN1983 WHOTAC 462,34,1971

RECOMMENDATIONS-LEGAL MECHANISMS

IRPTC

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
K1070000	DDD						
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION (INCL.DDT AND DDE)	OCT1978	MAY1982	HPMZC* 43,-, 1978
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED) : 0.5-5.0MG/KG W WT, 1.0-3.0 MG/KG LWT OF DDT, DDE, DDD AND TH EIR ISOMERS, AS DDT	28FEB1979	MAY1982	BGBL** IS, 1525, 1525, 1978
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)	1AUG1978	MCH1982	BGBL** IS. 718, 725, 1978
DEU	REG	GOODS	MXL	TOBACCO 10.0 MG/KG (WITH ITS ISOMERS, DDT + ISOMERS AND DDE + ISOMERS, CALCULATED AS DDT).	1AUG1978	MCH1982	BGBL** IS. 718, 741, 1978
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
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 1.0-7.0 MG/KG.		SEP1982	GSKEN* 40, 410, 1978
MEX	REG	AQ	MPA	0.03 MG/L IN ESTUARIES	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
MEX	REG	AQ	MPA	3.0 UG/L IN COASTAL WATERS	27JUN1973	OCT1982	DOMEX* 29 MCH, 1167, 1973
SUN	REG	USE	PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE		NOV1982	KGTXP* -, -, 1981
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 0.05-1 MG/KG (INCL. DDT AND DDE)	1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	FOOD	MTC	ANIMAL (SPECIFIED) : 0.05-5 MG/KG (INCL. DDT AND DDE)	1MCH1983	JUL1983	STLIF* 1983:1, 1, 1983
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	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: FEREC 46, 38318, 1981; 47, 27531, 1982 (INTERIM))			
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).	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI 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 B	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981

ELIEVE 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	REG	AQ	EMI	PRO	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)	JAN1977	MAY1983 CFRUS* 40(129),285,1981
USA	REG	USE	RQR			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 3 MG/KG OR MORE OF COMBINED DDT, DDE AND TDE. 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.		JUN1983 CFRUS* 7(724),206-291,1981
USA	REG	AQ	EMI	CLASS				MAY1983 CFRUS* 40(116),33,1981
USA	REG	FOOD FEED	ARL			RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.05-50 MG/KG (INCL. DDT AND DDE)		APR1983 CFRUS* 40(180),152,1981
USA	REG	FOOD FEED	ARL			RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT PRODUCTS) : 1-7 MG/KG		APR1983 CFRUS* 40(180),152,1981
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 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	CLASS MXL WASTE		DDT AND ITS METABOLITES ARE AMONG OTHERS CLASSIFIED AS TOXIC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SET OR HAS SET EFFLUENT LIMITATION S AND PRETREATMENT STANDARDS FOR 21 MAJOR INDUSTRIES.		JUL1983 CFRUS* 40(403),8,1981
USA	REG	FEED USE	ARL PRMT			(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* 21(561),523,1981
USA	REG	AQ	EMI	RQR WASTE		SPECIFIED ANIMAL FEED PRODUCTS : 100 MG/KG OF TDE (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 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		MAY1983 CFRUS* 40(122),121,1981

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: FEHAC 46,35090,1981; 46,36703,1981
; 47,24918,1982; 48,14146,1983)

K14025000 HEXACHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU EEC	REC REC	AIR GOODS	OCC	MAK PRO	10 MG/M3 (1 PPM) SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTAN CE IS PROHIBITED.	1JAN1986	MCH1983 DFKS** XVIIII,14,1982 NOV1982 OJEC** 25(L167),1,1982
GBR	REC	AIR	OCC	TLV	TWA : 10 MG/M3 (1 PPM) STEL : 30 MG/M3 (3 PPM) SKIN ABSORPTION (INTENDED CHANGES : TWA : 1 00 MG/M3 (10 PPM) SKIN ABSORPTION)	MCH1983	GNHSE* EH15/80,9,1980
SUN USA USA	REG REG REG	AQ ATR WASTE	SURF OCC	MAC CLASS RSTR RQR	0.01 MG/L TWA: 100 MG/M3 (10 PPM). (SKIN ABSORPTION). 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	JUN1982 PDKTV* -, -,1978 JAN1983 ACCIH* -,9,1982 JUL1983 CFRUS* 40 (261),368,1981
USA	REC	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 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)	22JUL1981	JUL1983 CFRUS* 40(264),455,1981
USA	REC	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 ENVIREMNT 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)	19NOV1980	JUL1983 CFRUS* 40(261),358,1981
USA	REC	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: 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	PEL	TWA:	JUN1974	APR1983	
USA	REG	MANUF IMPR	OCC	RQR	10 MG/M3 (1PPM), SKIN ABSORPTION 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	20JUN1983	CFRUS* 29(1910), 673, 1981 FEREAC 46, 22694, 1983	
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, HEXACHLORO THANE IS RATED AS HIGHLY PERSISTENT COMPOUND. MANUFACTURERS AND PROCESSORS OF HEXACHLOROETH ANE OR MIXTURES CONTAINING THE SAME ARE REQUI RED TO SEND TO EPA COPIES OF ANY UNPUBLISHED HEALTH AND SAFETY STUDIES AND LISTS OF ONGOIN G STUDIES ON THE SUBSTANCE OR MIXTURE WITHIN THE SPECIFIED TIME PERIOD. REQUIREMENTS FOR S EARCH OF COMPANY FILES	10DEC1982	JUN1983	FEREAC 47, 31230, 1982
USA	REG	MANUF		RQR	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: 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 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) 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))	29APR1983	JUN1983	FEREAC 48, 13178, 1983
USA	REG	AQ	EMI WASTE	CLASS MXL			JUL1983	CFRUS* 40(403), 8, 1981
USA	REG	WASTE		RQR			APR1983	CFRUS* 40(261), 376, 1981
USA	REG	WASTE		CLASS RSTR			APR1983	CFRUS* 40(261), 362, 378, 1981

K16300000 PENTACHLOROETHANE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU DEU	REG REG	AIR USE	OCC OCC	MAK PRO	10OCT1980	MCH1983 JUL1982	DFSK** XVII, 14, 1982 BGBL** IS.2069, 2069, 1980
DEU	REG	OCC	RQR	40 MG/M3 (5 PPM) 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. TECHNICAL REQUIREMENTS FOR THE PROTECTION OF WORKERS AGAINST ANY EXPOSURE TO VAPOUR, GAS OR DUST. HYGIENIC REQUIREMENTS CONCERNING CLOTHING, WASHING FACILITIES AND FOOD (INCLUDING TOBACCO). MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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). 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 PREGNANT AND PREGNANT OR NURSING WOMEN. 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: POISONOUS CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IA.	10OCT1980	JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	OCC	RSTR	40 MG/M3 (5 PPM) 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. TECHNICAL REQUIREMENTS FOR THE PROTECTION OF WORKERS AGAINST ANY EXPOSURE TO VAPOUR, GAS OR DUST. HYGIENIC REQUIREMENTS CONCERNING CLOTHING, WASHING FACILITIES AND FOOD (INCLUDING TOBACCO). MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. 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). 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 PREGNANT AND PREGNANT OR NURSING WOMEN. 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: POISONOUS CLASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IA.	10OCT1980	JUN1982	BGBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27). KEEP LOCKED UP (S 1). 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). SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	10OCT1980	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	GOODS	PRO	SUBSTANCE WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS. THE MARKETIN G OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE IS PROHIBITED.	1JAN1986	NOV1982	OJEC** 25(L167), 1, 1982
EEC	REG	LABEL PACK LABEL SALT	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 PACKAGING AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	JAN1983	OJEC** L213, 17, 1982

USA REG WASTE

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

CLASS CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CON
RSTR TAINING THIS SUBSTANCE ARE IDENTIFIED AS HAZA
ROR 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
,4972,1981; 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))

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
K18450000	1, 1, 1, 2-TETRACHLOROETHANE						
BRA	REG AIR	OCC	AL	27 MG/M3 (4 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM) THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 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. 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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 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. 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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG OCC	OCC	RQR	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 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. 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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG OCC	OCC	RSTR	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H G/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 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. 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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
USA	REG WASTE	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)). 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: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	19NOV1980	JUL1983	CFRUS* 40 (261), 368, 1981
USA	REG WASTE	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: FERAC 46, 38318, 1981; 47, 27531, 1982 (INTERIM)). (APPLIES TO CHLORINATED ETHANES)	22JUL1981	JUL1983	CFRUS* 40(264), 455, 1981
USA	REG WASTE	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, 36	19NOV1980	JUL1983	CFRUS* 40(261), 358, 1981

VII/316 (contd.)

097, 1982; 48, 2532, 1983 (INTERIM); 48, 11157, 19
83 (ENFORCEMENT GUIDANCE). (APPLIES TO CHLORI
NATED ETHANES)

JUL1983 CFRUS* 40(403), 8, 1981

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: 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)
 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)
 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: 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))

USA CLASS WASTE MIXL
 EMJ WASTE MIXL
 AQ
 REG AQ
 RQR

USA CLASS WASTE
 EMJ WASTE
 AQ
 REG AQ
 RQR

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		JUN1982	KOIMM* 1, IB 1/12, 1979
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	USE	OCC	PRO	10CT1980	JUL1982	BCBL** IS.2069, 2069, 1980
DEU	REG	OCC		RQR	10CT1980	JUL1982	BCBL** IS.2069, 2069, 1980
DEU	REG	OCC		RSTR	10CT1980	JUL1982	BCBL** IS.2069, 2069, 1980
DEU	REG	LABEL - PACK - USE	OCC	RQR RQR RSTR	10CT1980	JUN1982	BCBL** IS.2069, 2069, 1980
DEU	REG	LABEL PACK USE		RQR RQR RSTR	10CT1980	JUL1982	BCBL** IS.2069, 2069, 1980
EEC	REG	LABEL PACK		RQR RQR		JUN1982	OJEC** L.360, 1, 1976

THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 7 MG/M3 (1 PPM) (CUTANEOUS ABSORPTION) SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. (VP=0.7 KPA AT 20C)

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.

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.

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)

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 PREGNANT AND PREGNANT OR NURSING WOMEN.

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; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27). KEEP OUT OF REACH OF CHILDREN (S 2). 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).

USA	REG	AIR	OCC	PEL	TWA: 35 MG/M3 (5PPM), SKIN ABSORPTION	JUN1974	APR1983 CFRUS* 29(1910), 673, 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.		JUL1983 CFRUS* 40(403), 8, 1981
			WASTE	MXL	(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)		
USA	REG	WASTE	RQR	RQR	(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 HALIDE SPECIFIC DETECTOR)		APR1983 CFRUS* 40(261), 376, 1981
USA	REG	WASTE	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, 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

RECOMMENDATIONS-LEGAL MECHANISMS

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 : 500.0 MG/M3 CLV : 2000.0 MG/M3	OCT1978	AUG1982	SMTBR* 3,145,1980
GSK	REG	AIR	MAC	OT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS III		MAY1982	HPMZC* 39, -, 1978
DEU	REG	AIR	MXL	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 10CT1980) FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 10CT1980) 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. 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. THE SOLVENT IS CLASSIFIED IN CLASS IIC.		JUN1982	KOIMM* 1,1B 1/12,1979
DEU	REC	AIR	MAC	1080 MG/M3 (200 PPM) (VP=13.3 KPA AT 20C)	10CT1980	MCH1983	DFSK** XVIII,14,1982
DEU	REC	LABEL PACK USE	RQR			JUN1982	BGBL** IS.2069,2069,1980
DEU	REC	LABEL PACK USE	RQR		10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REC	LABEL PACK USE	RSTR				
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)		JUN1982	OJEC** L.360,1,1976
EEC	REG	GOODS	PRMT	SUBSTANCE PROVISIONALLY ALLOWED IN COSMETIC PRODUCTS. MEMBER STATES SHALL UNTIL 31 DECEMBER 1985 ALLOW THE MARKETING OF COSMETIC PRODUCTS CONTAINING THE SUBSTANCE WITHIN THE LIMITS AND CONDITIONS LAID DOWN.	31DEC1983	NOV1982	OJEC** 25(L167),1,1982
EEC	REG	GOODS	MXL	HARMFUL SUBSTANCE (CLASS II/C) MEMBER STATES SHALL ENSURE THAT DANGEROUS PREPARATIONS (SOLVENTS) ARE NOT PLACED ON THE MARKET UNLESS THE PACKAGES AND FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN	1JAN1984	JAN1983	OJEC** L213,17,1982
GBR	REC	LABEL PACK	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REC	AIR	TLV	TWA : 1900 MG/M3 (350 PPM) STEL : 2450 MG/M3 (450 PPM)		MCH1983	CNHSE* EH15/80,9,1980
JPN	REC	AIR	MAC	1100 MG/M3 (200 PPM)		NOV1982	SAICLB SUP23(5),565,1981
SUN	REC	AIR	MAC	CLV : 20.0 MG/M3 (VAPOUR)	JAN1977	JUN1982	COSTS* 12.1.005,-,1976
SWE	REC	CLASS		CLASS GIVIN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	OCT1982	SINAF* 1978:5(PK:6),1,1978

SWE	REG	AIR	OCC	TLV	TWA : 400 MG/M3 (70 PPM) STEL : 700 MG/M3 (125 PPM)	1JAN1982	SEPT1982	AFS****	1981:8,9,1981
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.	-	SEP1982	UNTDG*	- ,9,1982
USA	REC	AIR	OCC	TLV	TWA: 1900 MG/M3 (350 PPM); STEL: 2450 MG/M3 (450 PPM).	JAN1983	ACGIH*		- ,9,1982
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: 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	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		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)). (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: FEREC 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	18JUL1980	MAY1983	CFRUS* 40	(122.53),121,1981

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)

V11/324

WHO/FAO REC HUMAN
FOOD

ADI NO ADI ALLOCATED.

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DEC1982 WHFAAC 16, 6, 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/WK) (HAZARDOUS DEGREE: MEDIUM)	AUG1982	SMTBR* 3,-,1980
DEU	REG	AIR	EMI	MXL	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASS FLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASS FLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASS FLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASS CONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I 55 MG/M3 (10 PPM) (CUTANEOUS ABSORPTION) SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED. (VP=2.5 KPA AT 20C) 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 PREGNANT AND PREGNANT OR NURSING WOMEN.	JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REC	AIR	OCC	MAK	30 MG/M3 THE SUBSTANCE BELONGS TO CLASS I	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE	RQR RQR RSTR	OCC	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. THE SOLVENT IS CLASSIFIED IN CLASS IIA.	JUN1982	BGBL** 1S.2069, 2069, 1980
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. THE SOLVENT IS CLASSIFIED IN CLASS IIA.	JUL1982	BGBL** 1S.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR		XN - HARMFUL. HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9).	JUN1982	OJEC** L.360, 1, 1976
EEC	REG	CLASS PACK LABEL SALE	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	JAN1984	OJEC** L213, 17, 1982
GBR	REG	LABEL - PACK -	RQR RQR		FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	JAN1983	GBRSI* 209, 1, 1978
GBR	REC	AIR	OCC	TLV	TWA : 45 MG/M3 (10 PPM) STEL : 90 MG/M3 (20 PPM) SKIN ABSORPTION	MCH1983	GNHSE* EH15/80, 9, 1980
JPN USA	REG REC	AIR AIR	OCC OCC	MAC TLV	45 MG/M3 (10 PPM) (SKIN ABSORPTION) TWA: 45 MG/M3 (10 PPM); STEL: 90 MG/M3 (20 PPM) (SKIN ABSORPTION)	NOV1982 JAN1983	SAIGLB SUP23(5), 565, 1981 ACCIH* -, 9, 1982
USA	REG	WASTE	RQR 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: FFREAC 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	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)	22JUL1981 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 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). (APPLIES TO CHLORI NATED ETHANES)	19NOV1980 JUL1983 CFRUS* 40(261), 358, 1981
USA	REG	AQ	EMI WASTE	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 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: FEREAC 46,35091,1981; 46 ,36703,1981; 47,24918,1982; 48,14146,1983) TWA: 45 MG/M3 (10PPM), SKIN ABSORPTION	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 1981
USA USA	REG REG	AIR WASTE	OCC 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 1,1,2-TRICH LOROETHANE IS RATED AS A HIGHLY PERSISTENT CO MPOUND	JUN1974 APR1983 CFRUS* 29(1910), 673, 1981 10DECT1982 JUN1983 FEREC 47, 31230, 1982
USA	REG	AQ	EMI WASTE MXL	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: FEREAC 47,42688,1982) (FURTHER LIMI TATIONS/STANDARDS SET OR AMENDED FOR PARTICU LAR 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; 47,51232,1982; 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	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(175), 114, 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	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 ; 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

RECOMMENDATIONS--LEGAL MECHANISMS

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, -
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	ALEY* 18073, -
ARG	REG	TRNSP STORE PACK LABEL	RSTR	REGULATIONS ON TRANSPORT, STORAGE, PACKAGING AND LABELLING.	8OCT1970	MCH1982	ADECA* 1417, -
ARG	REG	GOODS	MXL	TOBACCO 0 MG/KG.	20DEC1971	MCH1982	ADISS* 80, -
ARG	REG	USE	PRO	IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO.	20DEC1971	MCH1982	ADISS* 80, -
ARG	REG	USE	PRO	AS MITICIDE. IN TREATMENT OF SEEDS AND SEED PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -
ARG	REG	AIR	MPC	TWA: 1 MG/M3; STEL: 3 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -
ARG	REG	FOOD	MXL	PEARS AND APPLES 1 MG/KG.	17NOV1978	MCH1982	ARESA* 786, -
ARG	REG	PACK LABEL	RSTR	NORMS FOR PACKAGING AND LABELLING.	JUL1979	MCH1982	ANOMI* 12056, -
ARG	REG	CLASS	AL	MODERATELY TOXIC (LD50: 113 MG/KG).	OCT1980	MCH1982	ANOMI* 308-12, -
BRA	REG	FOOD	MRL	PLANT (SPECIFIED): 1 MG/KG	AUG1982	CDABR*	2,67, 1980
CSK	REG	HUMAN FOOD	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION (INCL DDD AND DDE)	OCT1978	MAY1982	HPNZC* 43, -
CSK	REG	FOOD	CLASS	POISONOUS SUBSTANCE	JUL1967	MAY1982	SZCSR* 22, 217, -
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED): 0.5-5.0 MG/KG	28FEB1979	MAY1982	BGBL** 1S.1525, 1525, 1978
DEU	REG	AIR	MAK	HEIR ISOMERS, AS DDT	1AUG1978	MCH1982	DFSK** XV111, 14, 1982
DEU	REG	FOOD	MRL	1 MG/M3 (SPECIFIED) 0.1-1.0 MG/KG; PLANT (GENERAL) 0.05 MG/KG. (WITH ITS ISOMERS, DDD + ISOMERS AND DDE + ISOMERS, CALCULATED AS DDT)	1AUG1978	MCH1982	BCBL** 1S.718, 725, 1978
DEU	REG	GOODS	MXL	TOBACCO 10.0 MG/KG (WITH ITS ISOMERS, DDD + ISOMERS, AND DDE + ISOMERS, CALCULATED AS DDT)	1AUG1978	MCH1982	BCBL** 1S.718, 741, 1978
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.	1OCT1980	JUL1982	BCBL** 1S.2069, 2069, 1980
DEU	REG	MANUF SALE	PRO	IT IS PROHIBITED TO MANUFACTURE, IMPORT, EXPORT, MARKET, PROCURE AND USE DDT AND PRODUCTS CONTAINING DDT AS ACTIVE INGREDIENT.	10NOV1972	MAY1982	BCBL** 1S.469, 469, 1974
DEU	REG	FOOD GOODS	MRL	IT IS FORBIDDEN TO MARKET FOOD OF ANIMAL ORIGIN, AND PRODUCTS USED FOR CLEANING, COLOURING AND OTHER TREATMENTS OF THE SKIN, THE HAIR, AND THE MOUTH IF THEY CONTAIN A HIGHER LEVEL OF DDT RESIDUES THAN THE MAXIMUM LIMIT DETERMINED BY THE DEPARTMENT FOR YOUTH, FAMILY AND HEALTH.	10NOV1972	MAY1982	BCBL** 1S.469, 469, 1974
DEU	REG	LABEL PACK USE	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.	1OCT1980	JUN1982	BCBL** 1S.2069, 2069, 1980

SWE	REG	FOOD	MITC	ANIMAL (SPECIFIED) : 0.05-5 MG/KG (INCL. DDD AND DDE)	1MCHT1983	JUL1983	STLIF*	1983:1,1,1983
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER WHEN A1=100-20% (SOLID) OR 100-5% (LIQUID).	-	SEP1982	UNTDG*	-,183,1982
USA	REC	AIR OCC	TLV	TWA: 1 MG/M3; STEL: 3 MG/M3.	19NOV1980	JAN1983	ACGIH*	-,9,1982
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 PERMIT AND NOTIFICATION REQUIREMENTS. (AMENDED: FERAC 46, 56582,1981 (INTERIM); 47,36097,1982; 48,2532,1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	22JUL1981	JUL1983	CFRUS*	40(261),455,1981
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: FERAC 46,38318,1981; 47,27531,1982 (INTERIM))	19NOV1980	JUL1983	CFRUS*	40(261),358,1981
USA	REG	AQ	EMI WASTE	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).	18JUL1980	MAY1983	CFRUS*	40(122.53),121,1981
USA	REG	AIR AQ	PEL	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)	JUN1974	APR1983	CFRUS*	29(1910),673,1981
USA	REG	WASTE	EMI PRO	TWA : 1 MG/M3, SKIN ABSORPTION 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)	JAN1977	MAY1983	CFRUS*	40(129),285,1981
USA	REG	FEED	AGRIC PRO	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.		MAY1983	CFRUS*	40 (180),192,1981

USA	REG	WASTE	CLASS	IN ACCORDANCE WITH THE LAW REQUIRING THE PRES	10DEC1982	JUN1983	FEREAC	47, 31230, 1982
USA	REG	USE	RQR	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 DDT IS RATED AS A HIGHLY PERSISTENT COMPOUND 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 3 MG/KG OR MORE OF COMBINED DDT, DDE AND DDE 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. RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.05-50 MG/KG (INCL. DDD AND DDE) 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. 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 INDUSTRIES: FEREAC 46,57286, 1981; 47,23258, 1982; 47,24534, 1982; 47,24554, 1982; 47,28260, 1982; 47,36810, 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)	JUN1983	CFRUS*	7(724), 206-291, 1981	
USA	REG	AQ	EMI	CLASS	MAY1983	CFRUS*	40(116), 33, 1981	
USA	REG	FOOD FEED	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS) : 0.05-50 MG/KG (INCL. DDD AND DDE) 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. 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 INDUSTRIES: FEREAC 46,57286, 1981; 47,23258, 1982; 47,24534, 1982; 47,24554, 1982; 47,28260, 1982; 47,36810, 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)	APR1983	CFRUS*	40(180), 152, 1981	
USA	REG	AQ	EMI	RQR RSTR	MAY1983	CFRUS*	40(117), 44, 1981	
USA	REG	AQ	EMI	CLASS	JUL1983	CFRUS*	40(403), 8, 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	
WHO	REC	AQ	DRINK GL	1 UG/L	MCH1983	WHODW*	- , 17, 1983	

KJ3675000 METHOXYCHLOR

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
ARG	REG	FEED	MXL	100 MG/KG. (COTTONSEED 1 MG/KG).	27MCH1969	MCH1982	ALEYP* 18073, -
ARC	REC	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, -
ARG	REG	USE	PRO	IN DIPS FOR CATTLE AND SWINE, IN SLAUGHTERHOUSE AND IN PROCESSING OF MEAT.	1MAY1968	MCH1982	ARESA* 361, -
ARG	REG	FOOD	MXL	PLANT 10-20 MG/KG; ANIMAL FAT 3 MG/KG; MILK 0 MG/KG.	27MCH1969	MCH1982	ALEYP* 18073, -
ARG	REG	USE	PRO	AS MITICIDE. IN TREATMENT OF SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.	1JUN1972	MCH1982	ADISS* 47, -
ARG	REG	AIR	MPC	TWA: 10 MG/M3; STEL: 10 MG/M3.	22MAY1979	MCH1982	ADECT* 351, -
BRA	REG	USE	MXL	MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE 1	AUG1982	RNMSB* 02/78, -	
		SALE	PRO	N DOMESTIC SANITATION : 6-10% (WT/WT) FUMIGATION PROHIBITED			
DEU	REG	FOOD	MRL	OF ANIMAL ORIGIN (SPECIFIED) : 3.0 MG/KG LWT	28FEB1979	MAY1982	BGBL** IS. 1525, 1525, 1978
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	1JAN1978	MAY1982	BGBL** IS 1136, 1136, 1981
		USE	PRO	IT IS PROHIBITED TO APPLY AGAINST PARASITES ON POULTRY			
				IT IS PROHIBITED TO APPLY TO THE UDDER OF LACTATING HORSES, COWS, SHEEP AND GOATS AT CONCE			
				TRATIONS EXCEEDING THE MRLS SET FOR MILK AND MILK PRODUCTS			
DEU	REG	AIR	MAK	15 MG/M3	1AUG1978	MCH1983	DFSK** XVII 11, 14, 1982
DEU	REG	FOOD	MRL	PLANT (SPECIFIED) 2.0-10.0 MG/KG.	1978	MCH1982	BGBL** IS. 718, 732, 1978
ECC	REG	FOOD	MRL	PLANT (GENERAL) : 10.0 MG/KG		DEC1982	OJEC** L340, 26, 1976
FAO/WHO	REG	FOOD	ADI	0.1 MG/KG BW		MCH1982	FPPDD 11, 31, 1978
GBR	REG	AIR	TLV	TWA : 10 MG/M3		MCH1983	GNISE* EH15/80, 9, 1980
KEN	REG	FOOD	MXL	SPECIFIED FOOD PRODUCTS: 1.0-14.0 MG/KG.	27JUN1973	SEP1982	GSKEN* 40, 410, 1978
MEX	REG	AQ	AMBI	0.04 MG/L IN ESTUARIES	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	AMBI	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
SUN	REG	FOOD	MRL	LIMITS	1MCH1983	JUN1982	NIKOP* -, 512, 1978
SWE	REG	FOOD	MTC	PLANT (SPECIFIED) : 1-2 MG/KG		JUL1983	STLIF* 1983:1, 1, 1983
SWE	REG	USE	PRMT	AERIAL DIFFUSION OF CERTAIN PREPARATIONS COMPARING THE PRIME COMPOUND IS PERMITTED AGAINST CERTAIN PESTS		OCT1982	PFBEK* -, 84, 1982
SWE	REG	SALE LABEL CLASS USE STORE	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).		OCT1982	PFBEK* -, 58, 1982

USA	REC	AIR	OCC	TLV	TWA:	19NOV1980	JAN1983
USA	REG	AIR WASTE	OCC	CLASS RSTR RQR	10 MC/M3. THE SUBSTANCE, IF IT IS A COMMERCIAL CHEMICAL PRODUCT, IS IDENTIFIED AS A "TOXIC WASTE" SUBJECT TO HANDLING, TRANSPORT, TREATMENT, STORAGE AND DISPOSAL REQUIREMENTS. (AMENDED: FEREAC 46, 56582, 1981 (INTERIM); 47,36097,1982; 48,2532, 1983 (INTERIM); 48,11157,1983 (ENFORCEMENT GUIDANCE).	19NOV1980	JAN1983 ACGIH* -9,1982 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	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 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 (265), 483/536, 1981
USA	REG	AIR AQ	OCC DRINK	PEL MPC RQR	TWA: 15 MG/M3 CERTAIN PUBLIC WATER SYSTEMS MAY NOT PERMIT WATER DELIVERED TO THE FREE FLOWING OUTLET OF THE ULTIMATE USER TO CONTAIN MORE THAN 0.1 MG/L OF METHOXYCHLOR. ANALYSIS, MONITORING AND REPORTING REQUIREMENTS ARE DESCRIBED. (SEVERAL METHODS FOR ANALYSIS ARE LISTED)	JUN1974 24DEC1976	APR1983 CFRUS* 29(1910), 673, 1981 MAY1983 CFRUS* 40(141), 309, 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	FOOD FEED	EMI	ARL	RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AND ANIMAL PRODUCTS): 1-100 MG/KG		APR1983 CFRUS* 40(180), 152, 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 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	DRINK	MPC	BOTTLED WATER INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 0.1 MG/L		JUL1983 CFRUS* 21(103), 52, 1981

USA	REG	WASTE	MPG 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 DRINK MPG	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.	15OCT1979 APR1983 CFRUS* 40(257), 332, 335, 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
WHO	REC	AQ	DRINK GL	30 UG/L	MCH1983 WHODW* -, 17, 1983

RECOMMENDATIONS-LEGAL MECHANISMS

KJ8575000 2-BUTOXYETHANOL; BUTYL CELLOSOLVE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR OCC	MAK	240 MG/M3 (50 PPM) (CUTANEOUS ABSORPTION)	10CT1980	MCH1983	DFSK** XVIII, 14, 1982
DEU	REG	LABEL - PACK - USE OCC	RQR RQR RSTR	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. 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: POISONOUS CL ASSES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IIB.	JUL1982	BGBL**	IS.2069, 2069, 1980
EEC	REG	LABEL PACK	RQR RQR	XI - IRRITANT. IRRITATING TO RESPIRATORY SYS TEM (R 37). AVOID CONTACT WITH SKIN AND EYES (S 24/25).	JUN1982	OJEC**	L.360, 1, 1976
EEC	REG	CLASS PACK LABEL SALE	RQR RQR RSTR	HARMFUL SUBSTANCE (CLASS I1/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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	1JAN1984	OJEC**	L213, 17, 1982
GBR	REG	LABEL - PACK -	RQR RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1, 1976)	1SEP1978	GBRSI*	209, 1, 1978
GBR	REG	AIR OCC	TLV	TWA : 240 MG/M3 (50 PPM) (INTENDED CHANGES : 120 MG/M3 (25 PPM)) STEL : 720 MG/M3 (150 PPM) (INTENDED CHANGES : 455 MG/M3 (75 PPM)) SKI N ABSORPTION. 5.0 MG/M3 (VAPOUR) CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE TWA : 250 MG/M3 (50 PPM) SKIN ABSORPTION STEL : 350 MG/M3 (75 PPM)	MCH1983	GNHSE*	EH15/80, 9, 1980
SUN	REG	AIR OCC	PSL	5.0 MG/M3 (VAPOUR)	JUN1982	PKTV*	- , - , 1978
SWE	REG	AIR OCC	CLASS	GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE	22DEC1978	SINAF*	1978:5(PK:6), 1, 1978
SWE	REG	AIR OCC	TLV	TWA : 250 MG/M3 (50 PPM) SKIN ABSORPTION STEL : 350 MG/M3 (75 PPM)	1JAN1982	AFS**	1981:8, 9, 1981
SWE	REG	AIR OCC	TLV	TWA : 250 MG/M3 (50 PPM) STEL : 350 MG/M3 (75 PPM), SKIN ABSORPTION	1JAN1982	AFS**	1981:8, 9, 1981
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MIN OR DANGER.	-	UNTDG*	- , 9, 1982
USA	REC	AIR OCC	TLV	TWA: 120 MG/M3 (25 PPM); STEL: 360 MG/M3 (75 PPM). (SKIN ABSORPTION)	JAN1983	ACGIH*	- , 9, 1982
USA	REG	FOOD FEED	ARL	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.	APR1983	CFRUS*	40(180.1001), 258, 1981
USA	REG	AIR OCC AIR OCC USE OCC	PEL RSTR	TWA: 240 MG/M3 (50 PPM), SKIN ABSORPTION 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 1.1% BY	JUN1978	CFRUS*	29(1910), 673, 1981 JUN1983 CFRUS* 29(1910), 166, 1981

VII/335 (contd.)

VOLUME OF AIR, (NOT APPLICABLE TO SPRAYING O
F EXTERIORS OF BUILDINGS, ETC.)

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	JUL1983 CFRUS* 21(176),177,1981
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(175),114,1981

USA USA	REG REG	AIR AIR	OCC OCC OCC	PEL RSTR	<p>TWA: 740 MG/M3 (200PPM), SKIN ABSORPTION 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.) MAY BE USED AS A COMPONENT OF ADHESIVES, IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPO RTING OR HOLDING FOOD</p>	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981 JUN1983 CFRUS* 29(1910), 160, 1981
USA	REG	FOOD USE		PRMT		JUL1983 CFRUS* 21(175), 114, 1981	

KL5775000 METHYL GLYCOL; ETHYLENE GLYCOL MONOMETHYL ETHER; 2-METHOXYETHANOL; METHYL CELLOSOLVE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REG	AIR	EMI	MXL		JUN1982	KOIMM* 1, 1B 1/12, 1979
DEU	REG	AIR	OCC	MAK	THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG-H C CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II	10OCT1980	MCH1983 DFSK** XV111, 14, 1982 JUN1982 BGBL** IS.2069, 2069, 1980
DEU	REG	PACK	-	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 PREGNANTS AND PREGNANT OR NURSING WOMEN.		
DEU	REG	PACK	-	RQR	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 : POISONOUS SUBSTANCES IA, IB, IC; HARMFUL CLASSES IIA, IIB, IIC, IID. THE SOLVENT IS CLASSIFIED IN CLASS IIB.	10OCT1980	JUL1982 BGBL** IS.2069, 2069, 1980
EEC	REG	PACK	-	RQR	XI - IRRITANT. FLAMMABLE (R 10). IRRITATING TO RESPIRATORY SYSTEM (R 37). AVOID CONTACT WITH SKIN AND EYES (S 24/25).		JUN1982 OJEC** L.360, 1, 1976
EEC	REG	CLASS	-	RQR	HARMFUL SUBSTANCE (CLASS II/C) 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	REG	PACK	-	RQR	FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360, 1, 1976)	1SEP1978	JAN1983 GBRSI* 209, 1, 1978
GBR	REG	AIR	OCC	TLV	TWA : 80 MG/M3 (25 PPM) STEL : 120 MG/M3 (35 PPM) SKIN ABSORPTION		MCH1983 GNHSE* EH15/80, 9, 1980
IMO	REG	TRNSP LABEL	MARIN	CLASS LABEL	HAZARD CLASS: 3.3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.		SEP1982 IMCOC* 4, 10003, 1977
SWE	REG	AIR	OCC	TLV	CLASS GIVEN AS AN EXAMPLE OF A HAZARDOUS SUBSTANCE TWA : 80 MG/M3 (25 PPM) SKIN ABSORPTION STEL : 160 MG/M3 (50 PPM)	22DEC1978	OCT1982 STNAF* 1978:5(PK:6), 1, 1978
UN	REC	TRNSP LABEL	PACK	CLASS LABEL	HAZARD CLASS: 3 = INFLAMMABLE LIQUID OR DANGER.	1JAN1982	SEP1982 AFS** 1981:8, 9, 1981
USA	REC	AIR	OCC	TLV	TWA: 80 MG/M3 (25 PPM); STEL: 120 MG/M3 (35 PPM).		SEP1982 UNTDC* -, 9, 1982
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.		JAN1983 ACCIHI* -, 9, 1982
USA	REC	FOOD FEED		ARL			APR1983 CFRUS* 40(180.1001).258, 1981

USA USA	REG REG	AIR AIR USE	OCC OCC OCC	PEL RSTR	<p>TWA: 80 MG/M3 (25PPM) 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 CHEM CAL'S LOWER EXPLOSIVE LIMIT, WHICH IS 2.5% BY VOLUME OF AIR. (NOT APPLICABLE TO SPRAYING O F EXTERIORS OF BUILDINGS, ETC.) MAY BE USED AS A COMPONENT OF ADHESIVES IN AR TICLES INTENDED FOR USE IN PACKAGING, TRANSPO RTING OR HOLDING FOOD</p>	JUN1974	APR1983 CFRUS* 29(1910), 673, 1981 JUN1983 CFRUS* 29(1910), 166, 1981
USA	REG	FOOD USE		PRMT		JUL1983 CFRUS* 21(175), 114, 1981	

RECOMMENDATIONS-LEGAL MECHANISMS

KN1575000 BIS(CHLOROMETHYL) ETHER

AREA	TYPE	SUBJECT	DESCR LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK DEU	REG REC	OCC AIR	CLASS MAK CARCINOGENIC SUBSTANCE CARCINOGENIC WORKING MATERIAL - SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED.	JAN1981	MAY1982 MCH1983	HPMZC** 49,7,1980 DFSK** XVII,14,1982
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.	10CT1980	JUL1982	BGBL** IS.2069,2069,1980
DEU	REG	LABEL PACK USE	RQR RQR RSTR 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 PREGNANT AND PREGNANT OR NURSING WOMEN.	10CT1980	JUN1982	BGBL** IS.2069,2069,1980
DEU	REG	AIR AQ SOIL SED	RQR RQR RQR RQR REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING WHICH THE SUBSTANCE COULD BE RELEASED, PRODUCED, CATCH FIRE OR EXPLODE AND CAUSE A PUBLIC DANGER.	-	MAY1982	BGBL** IS.772,772,1980
EEC	REG	LABEL PACK	RQR RQR 1 - 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).	-	JUN1982	OJEC** L.360,1,1976
EEC	REG	MANUF USE	INDST CLASS 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 FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	8JAN1984	DEC1982	OJEC** L230,1,1982
GBR	REG	LABEL PACK	RQR RQR FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1,1976)	1SEP1978	JAN1983	GBRSI* 209,1,1978
GBR	REC	AIR OCC TLV	RQR RQR TLV TWA : 0.001 PPM (0.0047 MG/M3) HUMAN CARCINOGEN	-	MCH1983	GNISE* EH15/80,9,1980

JPN	REC	AIR	OCC	CLASS	INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS	NOV1982 SAIGLB SUP23(5), 565, 1981
SWE	REG	OCC		CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978 STNAF* 1978:5(PK:6), 1, 1978
SWE	REG	MANUF USE		PRO	CARCINOGENIC SUBSTANCE. IT IS NOT PERMITTED TO MANUFACTURE, USE OR HANDLE THE SUBSTANCE.	1JAN1982 AFS*** 1981:8,25, 1981
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE.	SEP1982 UNTDG* -, 9, 1982
USA	REC	AIR	OCC	TLV	TWA: 0.005 MG/M3 (0.001 PPM). HUMAN CARCINOGEN	JAN1983 ACGIH* -, 9, 1982
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). AN OWNER OR OPERATOR OF A HAZARDOUS WASTE INC	19NOV1980 JUL1983 CFRUS* 40(261), 367, 1981
USA	REG	WASTE		RQR	OPERATOR 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 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	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: FERAC 46, 35091, 1981; 46, 36703, 1981; 47, 24918, 1982; 48, 14146, 1983)	18JUL1980 MAY1983 CFRUS* 40(122.53), 121, 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 AG	JUN1983 CFRUS* 29(1910), 684, 1981

VII/342 (contd.)

NT), SANITATION, MEDICAL SURVEILLANCE, LABELLING OF CONTAINERS, CONTAMINATION, EMERGENCY PROCEDURES, RECORD KEEPING AND REPORTING

10DEC1982 JUN1983 FEREAC 47,31230,1982

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 CHLOROMETHY
LETHER IS RATED AS A PERSISTENT COMPOUND
THE SUBSTANCE IS CLASSIFIED AS AN IMPLEMENT O
RSTR F WAR (LACHRYMATOR AND TEARGAS) SUBJECT TO CE
RTAIN SPECIFIED IMPORT RESTRICTIONS
CLASS THE SUBSTANCE IS CLASSIFIED AS AN IMPLEMENT O
RQR F WAR (LACHRYMATOR AND TEARGAS). REQUIREMENTS
CONCERNING REGISTRATION, MANUFACTURE LICENS
ING, AND EXPORT ARE SPECIFIED
HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOX
IC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SE
T OR HAS SET EFFLUENT LIMITATIONS AND PRETREA
TMENT 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)

USA REG CLASS WASTE
IMPRT
CLASS MANUF
EXPRT
USA REG AQ EMI WASTE
WASTE MXL

JUL1983 CFRUS* 27(47),263,1981

JUL1983 CFRUS* 22(121),323,1981

JUL1983 CFRUS* 40(403),8,1981

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

CLASS CERTAIN SPECIFIED INDUSTRIAL SOLID WASTES CON
RSTR 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)

USA REG CLASS WASTE
RSTR
RQR

RECOMMENDATIONS-LEGAL MECHANISMS

KN2350000 DIGLYCIDYL ETHER; DGE

AREA	TYPE	REC	AIR	OCC	MANUF	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		0.6 MG/M3 (0.1 PPM) SUSPECTED AS BEING A CARCINOGENIC WORKING MATERIAL. THE MAK VALUE IS THEREFORE TENTATIVELY RETAINED.			MCH1983	DFSK** XV111, 14, 1982
USA	REC	AIR	OCC	TLV		TWA: 0.5 MG/M3 (0.1 PPM).			JAN1983	ACGIH* -9, 1982
USA	REC	MANUF		RQR		MANUFACTURERS AND PROCESSORS OF ALKYL EPOXIDE WITH ONE OR MORE EPOXY FUNCTIONAL GROUPS) 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	FEREAC 47, 38780, 1982

KN6650000 CHLOROMETHYL METHYL ETHER; MONOCHLORODIMETHYL ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS,REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK		MCH1983	DFSK** XVII, 14, 1982
DEU	REG	USE	OCC	RSTR	10CT1980	JUL1982	BGBL** IS.2069, 2069, 1980
DEU	REG	AIR	IMI	RQR		MAY1982	BGBL** IS.772, 772, 1980
EEC	REG	MANUF USE	INDST	RQR	8JAN1984	DEC1982	OJEC** L230, 1, 1982
GBR	REC	AIR	OCC	TLV		MCH1983	CNHSE* EH15/80, 9, 1980
IMO	REC	TRNSP LABEL	MARIN	CLASS		SEP1982	IMCOC* 4, 10003, 1977
SUN	REG	AIR	OCC	MAC	JAN1977	JUN1982	GOSTS* 12.1.005, -, 1976
SWE	REG	OCC		CLASS	22DEC1978	OCT1982	STNAF* 1978:5(PK:6), 1, 1978
SWE	REG	MANUF USE		PRO	1JAN1982	SEP1982	AFS*** 1981:8, 25, 1981
UN	REC	TRNSP LABEL		CLASS		SEP1982	UNTDG* -, 9, 1982
USA	REC	AIR	OCC	TLV		JAN1983	ACGIH* -, 9, 1982

CARCINOGENIC WORKING MATERIAL - SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED. (VP=21.3 KPA AT 20C) (REFERS TO TECHNICAL GRADE, WHICH CAN BE CONTAMINATED 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

REQUIREMENTS APPLY TO FOUR SUBJECTS. IT IS REQUIRED THAT SECURITY MEASURES BE TAKEN IN SOME SPECIFIED INDUSTRIAL PLANTS AND FACTORIES TO PREVENT AS WELL AS TO LIMIT THE EFFECTS OF INCIDENTS DURING 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 INTENDED INCLUSION: INDUSTRIAL SUBSTANCE SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN

HAZARD-CLASS: 3.1 = INFLAMMABLE LIQUID.
PACKING GROUP: 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.

HAZARD CLASS: 3 = INFLAMMABLE LIQUID
PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.

HUMAN CARCINOGEN. NO EXPOSURE OR CONTACT BY ANY ROUTE SHALL BE PERMITTED. (INTENDED CHANGES: INDUSTRIAL SUBSTANCE SUSPECTED OF CARCINOGENIC POTENTIAL FOR MAN. WORKER EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO

VII/345 (contd.)

LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA).

USA	REG	WASTE	CLASS RSTR RQR	DESCRIPTION	DATE	CFRUS*
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	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	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).	19NOV1980	40(261), 358, 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 HALOETHERS ARE 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, 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)	JUN1983	29(1910), 684, 1981
USA	REG	AQ	EMI WASTE MXL		JUL1983	40(403), 8, 1981

RECOMMENDATIONS-LEGAL MECHANISMS

KN8400000 NITROFEN

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
CSK JPN	REG REG	USE USE	AGRIC AGRIC	PRMT PRMT		AUG1981	MAY1982 SPPOR* -, -, 1981 JUL1983 JPAGR* -, -,
SUN	REG	AIR	AMBI	MAC		JUN1982	POKTV* -, -, 1978
SUN UN	REG REC	FOOD TRNSP LABEL	PRO CLASS	MAC			JUN1982 NIKDR* -, 512, 1978 SEP1982 UNTDG* -, 183, 1982
USA	REG	FOOD PACK FOOD FEED	ARL			APR1983	CFRUS* 40(180), 152, 1981
USA	REG	EMI WASTE	CLASS MXL			JUL1983	CFRUS* 40(403), 8, 1981

THE SUBSTANCE IS REGISTERED AND APPROVED AS A
HERBICIDE
0.02 MG/M3 , TX/D
0.01 MG/M3 , AV/D
PESTICIDE PROHIBITED IN ALL FOOD
HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.
PACKING GROUP: III = SUBSTANCE PRESENTING MIN
OR DANGER WHEN AI=100-30% (LIQUID).
RAW AGRICULTURAL PRODUCTS (SPECIFIED PLANT AN
D ANIMAL PRODUCTS) : 0.02-0.75 MG/KG (INCL. I
TS METABOLITES CONTAINING THE DIPHENYL ETHER
LINKAGE)
HALOETHERS ARE AMONG OTHERS CLASSIFIED AS TOX
IC POLLUTANTS FOR WHICH EPA IS REQUIRED TO SE
T OR HAS SET EFFLUENT LIMITATIONS AND PRETREA
TMENT STANDARDS FOR 21 MAJOR INDUSTRIES.
(AMENDED: FFEAC 47, 42688, 1982) (FURTHER LIMI
TATIONS/STANDARDS SET OR AMENDED FOR PARTICUL
AR INDUSTRIES: FFEAC 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)

RECOMMENDATIONS-LEGAL MECHANISMS

KN8970000 DIPHENYL ETHER; PHENYL ETHER

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
DEU	REC	AIR	OCC	MAK	7 MG/M3 (1 PPM) (VAPOUR){APPLIES TO DIPHENYL ETHER/BIPHENYL MIXTURE}	MCH1983	DFSK** XV111,14,1982
GBR	REC	AIR	OCC	TLV	TWA : 7 MG/M3 (1 PPM) OF VAPOR. STEL : 14 MG/M3 (2 PPM) OF VAPOR	MCH1983	GNHSE* EH15/80,9,1980
SUN	REG	AIR	OCC	MAC	CLV : 5.0 MG/M3 (VAPOUR)	JAN1977	JUN1982 GOSTS* 12.1.005,-,1976
USA	REC	AIR	OCC	TLV	TWA: 7 MG/M3 (1 PPM); STEL: 14 MG/M3 (2 PPM) AS VAPOUR.	-	JAN1983 ACCIH* -,9,1982
USA	REG	AIR	OCC	PEL	TWA: 7 MG/M3 (1PPM) (VAPOUR)	JUN1974	APR1983 CFRUS* 29(1910).673,1981

KU9625000 CHLOROETHYLENE

AREA	TYPE	SUBJECT	DESCR	LEVELS, REMARKS	EFFECTIVE DATE	ENTRY DATE	REFERENCES
BRA	REG	AIR	AL	398 MG/M3 (156 PPM) (HAZARDOUS DEGREE : MAXIMUM)	AUG1982	SMTBR**	3,141,1980
CSK	REG	AIR	MAC	CLASS CARCINOGENIC SUBSTANCE	JAN1981	HPMZC**	49,-,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/O.5 H THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASSCONCENTRATIONS. CLASS I : 20 MG/M3 AT A MASSFLOW OF > 0.1 KG/H CLASS II : 150 MG/M3 AT A MASSFLOW OF > 3 KG/H CLASS III : 300 MG/M3 AT A MASSFLOW OF > 6 KG/H IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT THE MASSCONCENTRATION MUST NOT EXCEED 30 MG/M3 THE SUBSTANCE BELONGS TO CLASS II CARCINOGENIC WORKING MATERIAL, SHOWN THROUGH EXPERIENCE WITH HUMANS. NO MAK VALUE ESTABLISHED.	JUN1982	KOIMM**	1,1B 1/12,1979
DEU	REC	AIR	OCC	MAK	MCH1983	DFSK**	XVIII,14,1982
DEU	REC	AIR	OCC	TRK	MCH1983	DFSK**	XVIII,56,1982
DEU	REC	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%). 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. 6 MG/M3 (3 PPM) (LONG TERM LIMIT). A SPECIFIC METHOD OF ANALYSIS IS REFERRED TO IN: OJEC* * (L.197),12,78. SPECIFIC SECURITY MEASURES ARE REQUIRED WHERE THE CONCENTRATION CAN EXCEED THE LIMIT. MEDICAL SURVEILLANCE OF WORKERS AT CERTAIN TIME PERIODS IS OBLIGATORY. MARKETING OF VINYL CHLORIDE AS A PROPELLANT FOR AEROSOLS IS PROHIBITED. 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 PREGNANTS AND PREGNANT OR NURSING WOMEN. F - FLAMMABLE. T - TOXIC. (NOTE D3). EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). DANGEROUSLY VERY SERIOUS IRREVERSIBLE EFFECTS (R 39). 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.)	JUL1982	BGBL**	IS.2069,2069,1980
DEU	REC	AIR	OCC	MXL	JUL1982	BGBL**	IS.2069,2069,1980
DEU	REC	AIR	OCC	RQR	JUL1982	BGBL**	IS.2069,2069,1980
DEU	REG	SALE	SEL	PRO	MAY1982	BGBL**	IS.1138,1138,1978
DEU	REG	USE	SEL	PRO	MAY1982	BGBL**	IS.2069,2069,1980
DEU	REG	LABEL	-	RQR	JUN1982	BGBL**	IS.2069,2069,1980
DEU	REG	PACK	-	RQR	JUN1982	BGBL**	IS.2069,2069,1980
DEU	REG	USE	OCC	RSTR	JUN1982	BGBL**	IS.2069,2069,1980
FFC	REG	LABEL	PACK	RQR	JUN1982	OJEC**	L.360,1,1976

EEC	REG	GOODS	PRO	DESCRIPTION	DATE	CLASS	REG	GOODS	PRO	DESCRIPTION	DATE	CLASS
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.	1JAN1986		NOV1982	OJEC** 25(L167), 1, 1982				
EEC	REG	SALE USE	RSTR	THE MARKETING OR USE AS AN AEROSOL PROPELLANT IS NOT ALLOWED.	27MCH1978		JAN1983	OJEC** L262, 201, 1976				
EEC	REG	FOOD	RQR	THE LEVEL OF VINYL CHLORIDE IN FOOD-STUFFS MUST BE DETERMINED BY MEANS OF GAS-CHROMATOGRAPHY USING THE "HEADSPACE" METHOD AS DESCRIBED IN THE REGULATION MATERIALS AND ARTICLES PREPARED WITH VINYL CHLORIDE POLYMERS OR COPOLYMERS WHICH IN THEIR FINISHED STATE ARE INTENDED TO COME INTO CONTACT WITH FOOD STUFFS MUST NOT CONTAIN VINYL CHLORIDE MONOMER IN A QUANTITY EXCEEDING 1 MG/KG IN THE FINAL PRODUCT. (ANALYSIS: GAS-CHROMATOGRAPHY USING THE "HEADSPACE" METHOD-DETECTION LIMIT 0.01 MG/KG)	10CT19820		JAN1983	OJEC** L167, 6, 1981				
EEC	REG	FOOD	RQR	TECHNICAL LONG-TERM LIMIT VALUE: 3 PPM (8 MG/M ³) AS MEAN VALUE/YEAR, 5 PPM (13 MG/M ³) AS MEAN VALUE/MONTH, 6 PPM (15 MG/M ³) AS MEAN VALUE/WEEK, 7 PPM (18 MG/M ³) AS MEAN VALUE/8 HOURS, 8 PPM (20 MG/M ³) AS MEAN VALUE/HOUR. REQUIREMENTS CONCERNING TECHNICAL PREVENTIVE MEASURES, MEASURING METHODS, MONITORING, PERSONAL PROTECTION MEASURES, REGISTER OF WORKERS WITH PARTICULARS OF THE TYPE AND DURATION OF THEIR WORK AND THE EXPOSURE, INFORMATION FOR WORKERS AND MEDICAL SURVEILLANCE ARE GIVEN FOR LABEL AND PACKAGING SEE EEC (OJEC** L.360 1.1976)	26NOV1979		JAN1983	OJEC** L44, 15, 1978				
EEC	REG	AIR OCC	MXL RQR	HAZARD CLASS: 2(2.1) = GAS (COMPRESSED, LIQUEFIED, ETC.). PACKING GROUP: -	22JAN1980		JAN1983	OJEC** L197, 14, 1978				
GBR	REG	LABEL PACK	RQR	TWA: 10 PPM (26 MG/M ³) CLV: 30 PPM (77 MG/M ³) WHEREVER PRACTICABLE EXPOSURE SHOULD BE BROUGHT AS NEAR AS POSSIBLE TO ZERO CONCENTRATION. (AN EEC DIRECTIVE SETS A LONG TERM LIMIT VALUE OF 3PPM (7.7 MG/M ³) (MEAN ANNUAL VALUE))	1SEP1978		JAN1983	GBRSI* 209, 1, 1978				
GBR	REC	AIR OCC	TLV	HAZARD CLASS: 2(2.1) = GAS (COMPRESSED, LIQUEFIED, ETC.). PACKING GROUP: -			MCH1983	GNHSE* EH15/80, 3, 1980				
INO	REC	TRNSP LABEL PACK	MARIN CLASS	INCLUDED IN THE TENTATIVE LIST OF CARCINOGENIC WORKING MATERIALS			SEP1982	IMCOC* 4, 10003, 1977				
JPN	REC	AIR OCC	CLASS	2.5 PPM (6 MG/M ³) TENTATIVELY (THE CONCENTRATION SHOULD BE KEPT BELOW THE DETECTION LIMIT AS FAR AS POSSIBLE) (INCLUDED IN THE TENTATIVE LIST OF OCCUPATIONAL CARCINOGENS)			NOV1982	SAICLB SUP23(5), 565, 1981				
JPN	REC	AIR OCC	MAC	VINYL CHLORIDE SHOULD NOT BE DETECTABLE BY INFRA-RED-ABSORPTION SPECTROSCOPY IN AEROSOL PRODUCTS FOR HOUSEHOLD USE.	10CT1974		JUL1983	CHPHIS* -, -, 1974				
SUN	REG	AIR OCC	MAC	CLV: 0.1 MG/M ³ (VAPOUR)	JAN1977		JUN1982	GOSIS* 12.1.005, -, 1976				
SWE	REG	AIR OCC	CLASS	GIVEN AS AN EXAMPLE OF A POISONOUS SUBSTANCE	22DEC1978		OCT1982	SINAF* 1978:5(PK:6), 1, 1978				
SWE	REG	AIR OCC	TLV	TWA: 3 MG/M ³ (1 PPM). STEL: 13 MG/M ³ (5 PPM) SKIN ABSORPTION. CARCINOGENIC	1JAN1982		SEP1982	AFS*** 1981:8, 9, 1981				
SWE	REG	FOOD	MPC	ALL FOOD: 0.01 MG/KG.	1MCH1983		JUL1983	STLIF* 1983:1, 1, 1983				
UN	REC	TRNSP LABEL PACK	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.) (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID)			SEP1982	UNITDG* -, 9, 1982				
USA	REC	AIR OCC	TLV	(APPLIES TO INHIBITED VINYL CHLORIDE). TWA: 10 MG/M ³ (5 PPM). HUMAN CARCINOGEN.			JAN1983	ACGIH* -, 9, 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	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	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	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) TWA: 1PPM (2.6 MG/M3); CLV: 5PPM (13 MG/M3) (NOT MORE THAN 15 MIN). NO DIRECT CONTACT WITH LIQUID VINYL CHLORIDE	18JUL1980	MAY1983	CFRUS* 40(122.53), 121, 1981
USA	REG	AIR	OCC	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)	JUN1983	CFRUS* 29(1910), 74 INDEX, 1981	
USA	REG	AIR LABEL	OCC PEL WARN	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	

APR1983 CFRUS* 40(61), 533, 1981

APR1983 CFRUS* 40(61), 539, 1981

MAY1983 CFRUS* 40(52), 30, 1981

APR1983 CFRUS* 40(52), 28, 1981

JUL1983 CFRUS* 40(403), 8, 1981

JUL1983 CFRUS* 33(161), 813, 1981

JUL1983 CFRUS* 33(126), 613, 1981

JUL1983 CFRUS* 16(1500), 302, 1982

USA	REG	AIR	EMI	MXL RQR	THE EMISSION STANDARDS IN GASES 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: FERAC 47,39168, 1982)	APR1983 CFRUS* 40(61), 533, 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 TO PPM	APR1983 CFRUS* 40(61), 539, 1981
USA	REG	AIR	EMI	RQR	THE ADMINISTRATOR MAY EXEMPT CERTAIN SPECIFIED 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 15 UG/M3 (24-HOUR AVERAGE). (APPLIES TO STATES WITH NON-APPROVED IMPLEMENTATION PLANS FOR THEIR ATTAINMENT AREAS)	MAY1983 CFRUS* 40(52), 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(52), 28, 1981
USA	REG	AQ	EMI WASTE MXL	CLASS MXL	VINYL CHLORIDE 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: 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
USA	REG	AQ TRANSP	EMI	RQR	(ALSO: 47,31554, 1982; 47,46434, 1982; 47,52848, 1982; 47,55226, 1982; 48,15382, 1983) 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	TRANSP	CLASS	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	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 ADEQUATE 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	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
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	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))	APR1983	CFRUS* 40(261), 362, 378, 1981

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