

## Appendix I

### APPENDIX I

#### REGULATED SUBSTANCES AND SOIL CONCENTRATIONS THAT TRIGGER NOTIFICATION

The following table contains all substances that are regulated under this chapter and includes all chemicals and chemical categories listed in the following three sources: (A) "List of Hazardous Substances and Reportable Quantities," 40 CFR Part 302, Table 302.4; (B) "List of Extremely Hazardous Substances and Their Threshold Planning Quantities," 40 CFR Part 355; and (C) "Hazardous Constituents," 40 CFR Part 261, Appendix VIII. The column labeled "Source" indicates which of the above sources lists a particular substance. The column labeled "CAS No." provides the number assigned to the substance by the Chemical Abstracts Service Registry (negative numbers are those arbitrarily assigned by EPD for use in administering this chapter). The table is sorted alphanumerically by chemical name; many substances are listed several times under synonyms.

Soil concentrations that trigger notification requirements (NCs), for the purposes of the Rule 391-3-19-.04(3)(b), are those given in the last column of the table. Non-numeric symbols in the NC column are explained in the legend at the end of the table. Concentrations are on a dry-weight total soil basis unless specifically indicated otherwise. Where a release involves multiple regulated substances and/or where a regulated substance can meet more than one listing, all relevant substance listing must be considered in determining whether an NC has been exceeded. If the concentration in the soil sample exceeds an NC for any listing, a notifiable condition exists. Whether or not a notifiable soil concentration has been exceeded is independent of the number of contributing releases or the number of contributing substances.

CAS #	Source	Regulated Substances	NC (mg/kg)
92875	AC	(1,1'-Biphenyl)-4,4'-diamine	DL/.05
11990	AC 4	(1,1'-Biphenyl)-4,4'-diamine, 3,3'-dimethoxy-	1.75
11993	AC 7	(1,1'-Biphenyl)-4,4'-diamine, 3,3'-dimethyl-	1.30
98828	A	(1-Methylethyl)benzene	21.88
62384	AB C	(Acetato)-phenylmercury	DL/.024
91941	AC	1,1'-Biphenyl-4,4'-diamine, 3,3'- dichloro	25.00

CAS #	Source	Regulated Substances	NC (mg/kg)
63020	AC 6	1,1,1,2-Tetrachloroethane	1.03
71556	AC	1,1,1-Trichloroethane	5.44
79345	AC	1,1,2,2-Tetrachloroethane	0.13
76131	A	1,1,2-Trichloro-1,2,2-trifluoroethane	6.92
79005	AC	1,1,2,-Trichloroethane	0.50
75343	AC	1,1-Dichloroethane	0.03
75354	AC	1,1-Dichloroethene	0.36
75354	AC	1,1-Dichloroethylene	0.36
78999	A	1,1-Dichloropropane	[1000]
46573	AB 6 C	1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo,endo-dimethanonaphthalene	DL(P)
55630	AC	1,2,3,-Propanetriol, trinitrate-	DL(P)
96184	AC	1,2,3-Trichloropropane	0.54
95943	AC	1,2,4-5-Tetrachlorobenzene	25.00
12082	AC 1	1,2,4-Trichlorobenzene	10.83
56553	AC	1,2-Benzanthracene	5.00
49672	AC 0	1,2-Benzenediamine, 4-methyl-	[100]
85449	AC	1,2-Benzenedicarboxylic acid, anhydride	[1000]
11781	AC 7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)ester	50.00
85687	AC	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	50.00
84742	AC	1,2-Benzenedicarboxylic acid, dibutyl ester	13.70

CAS #	Source	Regulated Substances	NC (mg/kg)
84662	AC	1,2-Benzenedicarboxylic acid, diethyl ester	0.74
13111	AC	1,2-Benzenedicarboxylic acid, dimethyl ester	0.66
11784	AC	1,2-Benzenedicarboxylic acid, dioctyl ester	50.00
21801	AC	1,2-Benzphenanthrene	5.00
10715	AB	1,2-Diaminoethane	[1000]
10693	AC	1,2-Dibromoethane	0.01
95501	AC	1,2-Dichlorobenzene	25.00
10706	AC	1,2-Dichloroethane	0.02
78875	AC	1,2-Dichloropropane	0.02
12333	AC	1,2-Dihydro-3,6-pyridazinedione	DL/5E-4
95476	A	1,2-Dimethylbenzene	20.00
54073	AC	1,2-Dimethylhydrazine	0.32
52829	A	1,2-Dinitrobenzene	205.1
12266	AC	1,2-Diphenylhydrazine	7.20
10715	AB	1,2-Ethanediamine	[1000]
91805	AC	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)	[1000]
11154	AC	1,2-Ethanediylobiscarbamodithioic	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
6		acid	
11207	AC 14	1,2-Oxathiolane, 2,2-dioxide	[100]
75558	AB C	1,2-Propyleneimine	DL(P)
14645	AB 35 C	1,2:3,4-Diepoxybutane	[100]
53703	AC	1,2:5,6-Dibenzanthracene	5.00
99354	AC	1,3,5-Trinitrobenzene	DL/.07
12363	AC 7	1,3,5-Trioxane, 2,4,6-trimethyl	[1000]
82340	AC 5	1,3-Benzenediamine, 2-methyl	[100]
95807	AC	1,3-Benzenediamine, 4-methyl-	3.74
10846	AC 3	1,3-Benzenediol	DL/.030
12058	AC 1	1,3-Benzenedioxole, 5-(1-propenyl)-	[1000]
94597	AC	1,3-Benzenedioxole, 5-(2-propenyl)-	[1000]
94586	AC	1,3-Benzenedioxole, 5-propyl	[100]
87683	AC	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	17.50
54173	AC 1	1,3-Dichlorobenzene	2.22
14228	A 9	1,3-Dichloropropane	[1000]
54275	AC 6	1,3-Dichloropropene	0.20
10838	A 3	1,3-Dimethylbenzene	20.00

CAS #	Source	Regulated Substances	NC (mg/kg)
99650	A	1,3-dinitrobenzene	1.05
96457	AC	1,3-Ethylenethiourea	19.94
85449	AC	1,3-Isobenzofurandione	[1000]
50460	A	1,3-Pentadiene	[1000]
	9		
11207	AC	1,3-Propane sultone	[100]
	14		
10650	A	1,4-Benzenediamine	[25]
	3		
76441	AC	1,4-Dichloro-2-butene	[25]
	0		
10646	AC	1,4-Dichlorobenzene	6.84
	7		
12391	AC	1,4-Diethylene dioxide	DL/.13
	1		
10025	A	1,4-Dinitrobenzene	205.1
	4		
12391	AC	1,4-Dioxane	DL/.13
	1		
13015	AC	1,4-Naphthalenedione	[1000]
	4		
13015	AC	1,4-Naphthoquinone	[1000]
	4		
11780	A	1,4-Naphthoquinone, 2,3-dichloro-	[25]
	6		
53448	AB	1-(o-Chlorophenyl)thiourea	DL(P)
	21	C	
59108	AC	1-Acetyl-2-thiourea	DL/(P)
	2		
79196	AB	1-Amino-2-thiourea	DL(P)
	C		
10973	A	1-Aminobutane	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
9			
10155	AC 3	1-Bromo-4-phenoxybenzene	[1000]
10973	A 9	1-Butanamine	[1000]
92416	AC 3	1-Butanamine, N-butyl-N-nitroso-	DL/.40
71363	A	1-Butanol	DL/.54
10689	AB 8 C	1-Chloro-2,3-epoxypropane	DL/.003
70057	A 23	1-Chloro-4-phenoxybenzene	[1000]
50460	A 9	1-Methylbutadiene	[1000]
63252	A	1-Naphthyl methylcarbamate	1/BG
86884	AB C	1-Naphthyl-2-thiourea	DL(P)
13432	AC 7	1-Naphthylamine	[1000]
98862	AC	1-phenylethanone	DL/.26
10710	AC 8	1-Propanamine	[1000]
78819	A	1-Propanamine, 2-methyl	[1000]
62164	AC 7	1-Propanamine, N-nitroso-n-propyl-	1.71
14284	A 7	1-Propanamine, N-propyl-	[1000]
12672	AC 7	1-Propanol, 2,3-dibromo-, phosphate	25.00
78831	AC	1-Propanol, 2-methyl-	DL/.07
76534	AC	1-Propenal, 2,3-epoxy-	DL/.07

CAS #	Source	Regulated Substances	NC (mg/kg)
4			
18887	AC 17	1-Propene, 1,1,2,3,3,3-hexachloro-	[1000]
10705	A 1	1-Propene, 3-chloro-	[1000]
10718	AB 6 C	1-Propen-3-ol	DL(P)
14645	AB 35 C	2,2'-Bioxirane	[100]
10860	AC 1	2,2'-oxybis (1-chloropropane)	[1000]
75990	A	2,2-Dichloropropanoic acid	10.00
58902	AC	2,3,4,6-Tetrachlorophenol	25.00
15950	A 660	2,3,4-Trichlorophenol	[100]
93378	A 8	2,3,5-Trichlorophenol	25.00
93375	A 5	2,3,6-Trichlorophenol	10.05
17460	AC 16	2,3,7,8-Tetrachlorodibenzo-p-dioxin	8.0E-05
61623	A 9	2,3-Dichloro-1-propanol	[25]
78886	A	2,3-Dichloropropene	[1000]
31642	A 92	2,3-dihydroxybutanedioic acid, diammonium salt	[1000]
93765	AC	2,4,5-T	0.66
25455	A 97	2,4,5-T 2-butoxyethyl ester	0.66
19284	A 78	2,4,5-T 2-ethylhexyl ester	0.66

CAS #	Source	Regulated Substances	NC (mg/kg)
20084	A	2,4,5-T amines	0.66
60			
93798	A	2,4,5-T esters	0.66
13560	A	2,4,5-T salts	0.66
991			
93721	AC	2,4,5-TP	10.00
32534	A	2,4,5-TP acid esters	10.00
955			
95954	AC	2,4,5-Trichlorophenol	4.56
93765	AC	2,4,5-Trichlorophenoxyacetic acid	0.66
13197	A	2,4,5-trichlorophenoxyacetic acid, compound with 1-amino-2-propanol (1:1)	0.66
28			
63699	A	2,4,5-Trichlorophenoxyacetic acid, dimethylamine salt	0.66
77			
25168	A	2,4,5-Trichlorophenoxyacetic acid, isooctyl ester	0.66
154			
38131	A	2,4,5-Trichlorophenoxyacetic acid, triethanolamine salt	0.66
47			
63699	A	2,4,5-Trichlorophenoxyacetic acid, trimethylamine salt	0.66
66			
61792	A	2,4,5-Trichlorophenoxyacetic acid-1-methylpropyl ester	0.66
072			
93721	AC	2,4,5-Trichlorophenoxypropionic acid	10.00
88062	AC	2,4,6-Trichlorophenol	0.66
94757	AC	2,4-D	1.16
19297	A	2,4-D 2-butoxyethyl ester	1.16
33			
29713	A	2,4-D chlorocrotyl ester	1.16

CAS #	Source	Regulated Substances	NC (mg/kg)
82			
94111	A	2,4-D Esters	1.16
19283	A	2,4-D Methyl ester	1.16
87			
19286	A	2,4-D propyl ester	1.16
16			
13201	A	2,4-D, Propylene glycol butyl ether ester	1.16
89			
- C		2,4-D, salts, esters	1.16
99001			
95807	AC	2,4-Diaminotoluene	3.74
12083	AC	2,4-Dichlorophenol	0.96
2			
94111	A	2,4-Dichlorophenoxyacetic acid, esters	1.16
25168	A	2,4-Dichlorophenoxyacetic acid, isooctyl ester	1.16
267			
94757	AC	2,4-Dichlorophenoxyacetic acid, salts and esters	1.16
10567	AC	2,4-Dimethylphenol	1.51
9			
51285	AC	2,4-Dinitrophenol	3.30
12114	AC	2,4-Dinitrotoluene	0.66
2			
54153	AB	2,4-Dithiobiuret	DL(P)
7	C		
10651	AC	2,5-Cyclohexadiene-1,4-dione	[100]
4			
32971	A	2,5-Dinitrophenol	[100]
5			
10831	AC	2,5-Furadione	[1000]
6			

CAS #	Source	Regulated Substances	NC (mg/kg)
82340	AC	2,6-Diaminotoluene	[100]
5			
11946	A	2,6-Dichlorobenzonitrile	[1000]
56			
87650	AC	2,6-Dichlorophenol	[100]
57356	A	2,6-Dinitrophenol	[100]
8			
60620	AC	2,6-Dinitrotoluene	0.76
2			
82340	AC	2,6-Toluenediamine	[100]
5			
23123	A	2-(p-tert-butylphenoxy cyclohexyl 2-propynyl sulfite	[100]
58			
53963	AC	2-Acetylamino fluorene	[25]
95534	AC	2-Amino-1-methylbenzene	49.85
13952	A	2-Aminobutane	[1000]
846			
13952	A	2-Butanamine	[1000]
846			
51349	A	2-Butanamine, (S)-	[1000]
5			
78933	AC	2-Butanone	0.79
13382	AC	2-Butanone peroxide	[100]
34			
39196	AB	2-Butanone, 3,3-dimethyl-1-	DL(P)
184	C	(methylthio)-,O-[(methyl amino) carbamoyl] oxime	
41703	AB	2-Butenal	[1000]
03	C		
12373	AB	2-Butenal, (E)-	6.30
9			
76441	AC	2-Butene, 1,4-dichloro (mixture	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
0		of cis and trans)	
12699	AC	2-Chloro-1,3-butadiene	[25]
8			
10720	AC	2-Chloro-1-ethanal	DL(P)
0			
78886	A	2-Chloroallyl chloride	[1000]
11075	AC	2-Chloroethylvinyl ether	[1000]
8			
91587	AC	2-Chloronaphthalene	25.00
95578	AC	2-Chlorophenol	0.68
13189	AC	2-Cyclohexyl-4,6-dinitrophenol	DL(P)
5			
11080	AC	2-Ethoxyethanol	DL/.16
5			
64019	AB	2-Fluoroacetamide	DL(P)
7	C		
98011	A	2-Furaldehyde	DL/.012
98011	A	2-Furancarboxaldehyde	DL/.012
96457	AC	2-Imidazolidinethione	19.94
78795	A	2-Methyl-1,3-butadiene	[1000]
53452	AB	2-Methyl-4,6-dinitrophenol	DL(P)
1	C		
10712	AB	2-Methylacetonitrile	DL(P)
0	C		
75558	AB	2-Methylaziridine	DL(P)
	C		
75865	AB	2-Methylactonitrile	§
	C		
95487	AB	2-Methylphenol	3.80
10906	AC	2-Methylpyridine	[1000]
8			

CAS #	Source	Regulated Substances	NC (mg/kg)
49403	AC 1	2-Naphthalenamine, N,N-bis (2-chloroethyl)	[1000]
91598	AC	2-Naphthylamine	[100]
88755	A	2-Nitrophenol	[1000]
79469	AC	2-Nitropropane	[100]
10906	AC 8	2-Picoline	[1000]
75649	A	2-Propanamine, 2-methyl-	[1000]
67641	A	2-Propanone	2.74
59831	AC 2	2-Propanone, 1-bromo-	DL(P)
10718	AB 6 C	2-Propen-1-ol	DL(P)
10702	AB 8 C	2-Propenal	DL(P)
79061	AB C	2-Propenamide	DL/.001
10713	AB 1 C	2-Propenenitrile	1.37
12698	AB 7 C	2-Propenenitrile, 2-methyl-	DL/.016
79107	A	2-Propenoic acid	DL/.008
97632	AC	2-Propenoic acid, 2-methyl-,ethyl ester	[1000]
80626	AC	2-Propenoic acid, 2-methyl-,methyl ester	DL/.17
14088	A 5	2-Propenoic acid, ethyl ester	249.25
10719	AC 7	2-Propyn-1-ol	DL(P)
88857	AB	2-sec-butyl-4,6-dinitrophenol	0.66

CAS #	Source	Regulated Substances	NC (mg/kg)
	C		
56042	AC	2-Thio-6-methyluracil	[100]
27639	AB	3 (2H)-Isoxazolone,	5- DL(P)
64	C	(aminomethyl)-	
91941	AC	3,3'-Dichlorobenzidine	25.00
11990	AC	3,3'-Dimethoxybenzidine	1.75
	4		
11993	AC	3,3'-Dimethylbenzidine	1.30
	7		
39196	AB	3,3-dimethyl-1-(methylthio)-2-	DL(P)
184	C	butanone-O- [(methylaminocarbonyl)]oxime	
60919	A	3,4,5-Trichlorophenol	19.60
	8		
22551	AC	3,4-Benzacridine	[1000]
	4		
20599	AC	3,4-Benzoflouranthene	5.00
	2		
50328	AC	3,4-Benzopyrene	1.64
49672	AC	3,4-Diaminotoluene	[100]
	0		
61039	A	3,4-Dinitrotoluene	[100]
	9		
49672	AC	3,4-Toluediamine	[100]
	0		
78591	A	3,5,5-Trimethyl-2-cyclohexenone	DL/.19
33054	A	3-(3,4-Dichlorophenyl)-1,1-dimethylurea	[1000]
	1		
81812	AB	3-(alpha-Acetylbenzyl)-4-hydroxycoumarin	DL(P)
	C		
10705	A	3-Chloropropene	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
1			
54276	AB 7 C	3-Chloropropionitrile	DL(P)
56495	AC	3-Methylcholanthrene	5.00
10839	A 4	3-Methylphenol	3.80
55484	A 7	3-Nitrophenol	[1000]
99081	A	3-Nitrotoluene	[1000]
56042	AC	4 (1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	[100]
72548	AC	4,4'-DDD	0.66
72559	AC	4,4'-DDE	0.66
50293	AC	4,4'-DDT	0.66
10114	AC 4	4,4'-Methylenebis(chloroaniline)	(2- 25.00
53452	AB 1 C	4,6-Dinitro-o-cresol	DL(P)
99002	- C	4,6-Dinitro-o-cresol salts	[1000]
10649	AC 0	4-Amino-1-methylbenzene	62.97
92671	C	4-Aminobiphenyl	[25]
50424	AB 5 C	4-Aminopyridine	DL(P)
10155	AC 3	4-Bromophenyl phenyl ether	[1000]
59507	AC	4-Chloro-3-methylphenol	13.20
31659	A 33	4-Chloro-o-toluidine, hydrochloride	26.01
10647	AC	4-Chloroaniline	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
8			
70057	A 23	4-Chlorophenylphenyl ether	[1000]
10810	A 1	4-Methyl-2-pentanone	3.30
10644	A 5	4-Methylphenol	3.80
10002	AC 7	4-Nitrophenol	3.30
99990	A	4-Nitrotoluene	1.12
50424	AB 5 C	4-Pyridinamine	DL(P)
27639	AB 64 C	5-(Aminomethyl)-3-isoxazolol	DL(P)
99558	AC	5-Nitro-o-toluidine	362.54
57976	AC	7,12-Dimethyl-1,2-Benzanthracene	[25]
57976	AC	7,12-Dimethylbenz(a)anthracene	[25]
19459	C 2	7H-Dibenzo[c,g]carbazole	5.00
83329	A	Acenaphthene	300.00
20896	A 8	Acenaphthylene	130.00
83329	A	Acenaphthylene, 1,2-dihydro-	300.00
75070	A	Acetaldehyde	DL/.003
10720	AC 0	Acetaldehyde, chloro-	DL(P)
64019	AB 7 C	Acetamide, 2-fluoro-	DL(P)
62442	AC	Acetamide, N-(4-	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
		ethoxyphenyl)-	
59108	AC 2	Acetamide, (aminothioxomethyl)-	N- DL(P)
53963	AC	Acetamide, N-9H-fluoren-2-yl	[25]
53963	AC	Acetamidofluorene	[25]
64197	A	Acetic acid	[1000]
10805	AB 4	Acetic acid ethylene ether	0.51
94791	A	Acetic acid, (2,4- dichlorophenoxy)-, 1- methylpropylester	[1000]
54088	A 5	Acetic acid, 1,1-dimethylethyl ester	[1000]
10546	A 4	Acetic acid, 1-methylpropyl ester	[1000]
63161	A 8	Acetic acid, ammonium salt	[1000]
12386	A 4	Acetic acid, butyl ester	[1000]
14178	A 6	Acetic acid, ethyl ester	DL/.07
30104	AC 2	Acetic acid, lead (2+) salt	(i)
56368	AC 8	Acetic acid, thallium (1+) salt	(n)
10824	A 7	Acetic anhydride	[1000]
10824	A 7	Acetic oxide	[1000]
67641	A	Acetone	2.74
75865	AB C	Acetone cyanohydrins	§

CAS #	Source	Regulated Substances	NC (mg/kg)
17523	B	Acetone Thiosemicarbazide	[25]
03			
75058	AC	Acetonitrile	DL/.04
98862	AC	Acetophenone	DL/.26
50696	A	Acetyl bromide	[1000]
7			
75365	AC	Acetyl chloride	[1000]
10824	A	Acetyl oxide	[1000]
7			
75207	A	Acetylenogen	[100]
10663	A	Acid ammonium carbonate	[1000]
37			
13414	A	Acid ammonium fluoride	[1000]
97			
10702	AB	Acrolein	DL(P)
8	C		
79061	AB	Acrylamide	DL/.001
C			
79107	A	Acrylic acid	DL/.008
10702	AB	Acrylic aldehyde	DL(P)
8	C		
10713	AB	Acrylonitrile	1.37
1	C		
81468	B	Acrylyl Chloride	[25]
6			
12404	A	Adipic acid	DL/.006
9			
11169	B	Adiponitrile	[1000]
3			
51434	AC	Adrenalin	§
14026	C	Aflatoxins	§

CAS #	Source	Regulated Substances	NC (mg/kg)
82			
11606	AB 3 C	Aldicarb	DL(P)
30900	AB 2 C	Aldrin	0.66
11017	A 8	Allomaleic acid	[1000]
10718	AB 6 C	Allyl alcohol	DL(P)
10705	A 1	Allyl chloride	[1000]
10711	B 9	Allylamine	[25]
12209	AC 8	alpha, alpha-Dimethylphenethylamine	DL(P)
80159	A	alpha, alpha-Dimethylbenzylhydroperoxide	[100]
31984	A 6	alpha-Benzenehexachloride	0.66
31984	A 6	alpha-BHC	0.66
75865	AB C	alpha-Hydroxyisobutyronitrile	§
13432	AC 7	alpha-Naphthylamine	[1000]
86884	AB C	alpha-Naphthylthiourea	DL(P)
10906	AC 8	alpha-Picoline	[1000]
20859	AB 738 C	Aluminum phosphide (AlP)	DL(P)
10043	A 013	Aluminum sulfate	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
60571	AC	Alvit	0.66
62533	AB C	Aminobenzene	DL/.038
74895	A	Aminomethane	[1000]
62533	AB C	Aminophen	DL/.038
54626	B	Aminopterin	[25]
78535	B	Amiton	[25]
37349	B 72	Amiton Oxalate	[25]
61825	AC	Amitrole	10.00
76644	AB 17	Ammonia	500.00
10380	A 297	Ammoniated copper sulfate monohydrate	(h)
63161	A 8	Ammonium acetate	[1000]
77730	A 60	Ammonium amidosulfate	[1000]
11117	A 80	Ammonium aminoformate	[1000]
18636	A 34	Ammonium benzoate	[1000]
10663	A 37	Ammonium bicarbonate	[1000]
13414	A 97	Ammonium bifluoride	[1000]
59727	A 36	Ammonium bioxalate monohydrate	[1000]
10192	A 300	Ammonium bisulfite	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
13826	A	Ammonium borofluoride	[1000]
830			
11117	A	Ammonium carbamate	[1000]
80			
50687	A	Ammonium carbonate	[1000]
6			
12125	A	Ammonium chloride	[1000]
029			
77890	A	Ammonium chromate	(f)
95		((NH <sub>4</sub> ) <sub>2</sub> CrO <sub>7</sub> )	
77889	A	Ammonium chromate (VI)	(f)
89			
30126	A	Ammonium citrate, dibasic	[1000]
55			
31642	A	Ammonium d-tartrate	[1000]
92			
77890	A	Ammonium dichromate (VI)	(f)
95			
11855	A	Ammonium ferric citrate	[1000]
75			
13826	A	Ammonium fluoborate	[1000]
830			
12125	A	Ammonium fluoride	[1000]
018			
16919	A	Ammonium fluosilicate	[1000]
190			
10663	A	Ammonium hydrogen carbonate	[1000]
37			
13414	A	Ammonium hydrogen fluoride	[1000]
97			
13362	A	Ammonium hydroxide	[1000]
16			
12125	A	Ammonium muriate	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
029			
15699 A 180		Ammonium nickel sulfate	(k)
60097 A 07		Ammonium oxalate monohydrate	[1000]
13174 A 8		Ammonium picrate	DL(P)
17629 A 54		Ammonium rhodanite	[1000]
16919 A 190		Ammonium silicofluoride	[1000]
77730 A 60		Ammonium sulfamate	[1000]
12135 A 761		Ammonium sulfide	[1000]
10196 A 040		Ammonium sulfite	[1000]
17629 A 54		Ammonium sulfocyanate	[1000]
14307 A 438		Ammonium tartrate	[1000]
17629 A 54		Ammonium thiocyanate	[1000]
78035 AC 56		Ammonium vanadate	(p)
30062 B 9		Amphetamine	§
62863 A 7		Amyl acetate	[1000]
12392 A 2		Amyl acetic ester	[1000]
62863 A 7		Amyl acetic ester	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
62533	ABC	Aniline	DL/.038
88051	B	Aniline, 2,4,6-Trimethyl-	[25]
12012	A7	Anthracene	500.00
74403	AC60	Antimony	10/BG
99003	- C	Antimony compounds, N.O.S.	(b)
77835	A64	Antimony fluoride	(b)
76471	A89	Antimony pentachloride	(b)
77837	B02	Antimony Pentafluoride	(b)
28300	A745	Antimony potassium tartrate	(b)
77896	A19	Antimony tribromide	(b)
10025	A919	Antimony trichloride	(b)
77835	A64	Antimony trifluoride	(b)
13096	A44	Antimony trioxide	(b)
13979	B40	Antimycin A	[25]
76973	AB72	Aqua fortis	(v)
14057	C8	Aramite	[25]
13726	AC8	Arasan	10.00

CAS #	Source	Regulated Substances	NC (mg/kg)
50661	AB 6 C	Argentate(1-), potassium dicyano-,	(r)
12674	A 112	Aroclor 1016	(s)
11104	A 282	Aroclor 1221	(s)
11141	A 165	Aroclor 1232	(s)
53469	A 219	Aroclor 1242	(s)
12672	A 296	Aroclor 1248	(s)
11097	A 691	Aroclor 1254	(s)
11096	A 825	Aroclor 1260	(s)
13363	A 63	Aroclors	(s)
77844	AB 65	Arsenous acid, sodium salt	(a)
74403	AC 82	Arsenic	41.00
77783	AC 94	Arsenic acid (H3AsO4)	(a)
77784	AB 41	Arsenic acid (H3AsO4), calcium salt (2:3)	(a)
76318	AB 92	Arsenic acid (H3AsO4), sodium salt	(a)
13032	AB 82 C	Arsenic acid anhydride	(a)
76452	A 52	Arsenic acid, lead salt	(a)
77844	A	Arsenic acid, lead(2+) salt (1:1)	(a)

CAS #	Source	Regulated Substances	NC (mg/kg)
09			
10102	A	Arsenic acid, lead (4+) salt (3:2)	(a)
484			
77843	AB	Arsenic chloride	(a)
41			
-	AC	Arsenic compounds, N.O.S.	(a)
99004			
13033	A	Arsenic disulfide	(a)
28			
13032	AB	Arsenic pentoxide	(a)
82	C		
13033	A	Arsenic sulfide	(a)
28			
13275	AB	Arsenic trioxide	(a)
33	C		
13033	A	Arsenic trisulfide	(a)
39			
13275	AB	Arsenic (III) oxide (As <sub>2</sub> O <sub>3</sub> )	(a)
33	C		
13032	AB	Arsenic (V) oxide As <sub>2</sub> O <sub>5</sub> )	(a)
82	C		
10124	AB	Arsenious acid	(a)
502			
13033	A	Arsenious sulfide	(a)
39			
13275	AB	Arsenous oxide	(a)
33	C		
77843	AB	Arsenous trichloride	(a)
41			
77844	B	Arsine	(a)
21			
69242	AC	Arsine, diethyl	(a)
2			

CAS #	Source	Regulated Substances	NC (mg/kg)
75605	AC	Arsinic acid, dimethyl	(a)
10124	AB	Arsonic acid, potassium salt	(a)
502			
69628	AB	Arsonous dichloride, phenyl-	(a)
6 C			
13322	A	Asbestos	§
14			
49280	AC	Auramine	[1000]
8			
23031	AC	Avadex	196.13
64			
11502	AC	Azaserine	[25]
6			
26427	B	Azinphos-Ethyl	10.00
19			
86500	AB	Azinphos-methyl	10.00
15156	AB	Aziridine	DL(P)
4 C			
75558	AB	Aziridine, 2-methyl-	DL(P)
C			
62516	A	Banana oil	[1000]
1			
74403	C	Barium	500/BG
93			
- C		Barium compounds, N.O.S.	(c)
99005			
54262	AC	Barium cyanide	(r)
1			
33341	A	Basudin	1/BG
5			
22551	AC	Benz(c)acridine	[1000]
4			

CAS #	Source	Regulated Substances	NC (mg/kg)
98873	AB C	Benzal chloride	[1000]
62533	AB C	Benzenamine	DL/.038
63621	AC 5	Benzenamine, 2-methyl-, hydrochloride	[1000]
99558	AC	Benzenamine, 2-methyl-5-nitro-	362.54
98168	B	Benzenamine, 3-(Trifluoromethyl)-	[25]
10114	AC 4	Benzenamine, 4,4'-methylenebis [2-chloro-	25.00
49280	AC 8	Benzenamine, 4,4' carbonimidoylbis[N,N-dimethyl-	[1000]
10647	AC 8	Benzenamine,4-chloro-	DL(P)
31659	A 33	Benzenamine, 4-chloro-2-methyl, hydrochloride	26.01
10649	AC 0	Benzenamine, 4-methyl-	62.97
10001	AC 6	Benzenamine, 4-nitro-	DL(P)
60117	AC	Benzenamine, N,N-dimethyl-4-(phenylazo)-	[100]
86306	A	Benzenamine, N-nitroso-N-phenyl	6.46
12239	C 4	Benzenamine, N-phenyl	[25]
71432	AC	Benzene	0.02
10890	AC 7	Benzene chloride	4.18
10044	AB 7 C	Benzene, (chloromethyl)-	1.05

CAS #	Source	Regulated Substances	NC (mg/kg)
98873	AB	Benzene, (dichloromethyl)- C	[1000]
98077	AB	Benzene, (trichloromethyl)- C	[100]
95943	AC	Benzene, 1,2,4,5-tetrachloro-	25.00
12082	AC	Benzene, 1,2,4-trichloro- 1	10.83
52829	A	Benzene, 1,2-Dinitro- 0	205.10
94597	AC	Benzene, 1,2-methylenedioxy- 4-allyl	[1000]
12058	AC	Benzene, 1,2,-methylenedioxy- 4-propenyl- 1	[1000]
94586	AC	Benzene, 1,2-methylenedioxy- 4-propyl-	[100]
99354	AC	Benzene, 1,3,5-trinitro-	DL/.07
54173	AC	Benzene, 1,3-dichloro- 1	2.22
91087	AB	Benzene, 1,3-diisocyanato-2- methyl	[1000]
26471	AC	Benzene, 1,3- diisocyanatomethyl- 625	[1000]
99650	A	Benzene, 1,3-dinitro-	1.05
10646	AC	Benzene, 1,4-dichloro- 7	6.84
10025	A	Benzene, 1,4-dinitro- 4	205.10
10014	B	Benzene, 1-(Chloromethyl)-4- Nitro- 1	[25]
10155	AC	Benzene, 1-bromo-4-phenoxy- 3	[1000]
70057	A	Benzene, 1-chloro-4-phenoxy	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
23			
12114	AC 2	Benzene, 1-methyl-2,4-dinitro	0.66
98828	A	Benzene, 1-methylethyl-	21.88
60620	AC 2	Benzene, 2-methyl-1,3-dinitro-	0.76
25321	AC 226	Benzene, dichloro- (N.O.S.)	[1000]
13302	A 07	Benzene, dimethyl-	20.00
11082	A 7	Benzene, hexahydro-	20.00
98953	AB C	Benzene, nitro-	0.70
60893	AC 5	Benzene, pentachloro-	25.00
98055	BC	Benzenearsonic acid	(a)
30503	AC 3	Benzenebutanoic acid, 4-[bis(2-chloroethyl) amino-	[100]
98884	A	Benzenecarbonyl chloride	§
65850	A	Benzenecarboxylic acid	1000.00
25376	AC 458	Benzenediamine, ar-methyl-	[100]
12209	AC 8	Benzenethanamine, alpha, alpha-dimethyl-	DL(P)
60873	A 1	Benzenhexachloride	0.66
98099	A	Benzenesulfonic chloride	[1000]
98099	A	Benzenesulfonyl acid chloride	[1000]
10898	AB 5 C	Benzenethiol	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
92875	AC	Benzidine	DL/.05
36152	B 12	Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	[25]
56553	AC	Benzo(a)anthracene	5.00
50328	AC	Benzo(a)pyrene	1.64
20599	AC 2	Benzo(b)fluoranthene	5.00
91225	A	Benzo(b)pyridine	DL/.51
19124	A 2	Benzo(ghi)perylene	500.00
20644	AC 0	Benzo(j,k) fluorine	500.00
20708	AC 9	Benzo(k)fluoranthene	5.00
65850	A	Benzoic acid	1000.00
10047	A 0	Benzonitrile	DL/.17
98077	AB C	Benzotrichloride	[100]
98884	A	Benzoyl chloride	§
12900	AB 0	Benzo[def]phenanthrene	500.00
20582	C 3	Benzo[j]fluoranthene	5.00
10044	AB 7 C	Benzyl chloride	1.05
14029	B 4	Benzyl Cyanide	[1000]
98873	AB C	Benzylidene chloride	[1000]
20599	AC	Benz[e]acephenanthrylene	5.00

CAS #	Source	Regulated Substances	NC (mg/kg)
2			
56495	AC	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	5.00
74404	AC	Beryllium	3.00/BG
17			
77874	A	Beryllium chloride	(d)
75			
-	AC	Beryllium compounds, N.O.S.	(d)
99006			
77874	A	Beryllium fluoride	(d)
97			
13597	A	Beryllium nitrate	(d)
994			
77875	A	Beryllium nitrate trihydrate	(d)
55			
31985	A	beta-Benzenehexachloride	0.66
7			
31985	A	beta-BHC	0.66
7			
33213	A	beta-Endosulfan	10.00
659			
91598	AC	beta-Naphthylamine	[100]
60873	A	BHC	0.66
1			
15271	B	Bicyclo [2.2.1]heptane-2-carbonitrile,5-chloro-6-((methylamino)carbonyl)oxyimino)-,(1S-(1-alpha,2-beta,4-alpha,5-alpha,6E))	[25]
417			
10860	AC	bis(2-Chloro-1-methylethyl)ether	170.91
1			
11191	AC	bis(2-Chloroethoxy)methane	DL/.027
1			

CAS #	Source	Regulated Substances	NC (mg/kg)
11144	AB 4 C	bis(2-Chloroethyl) ether	DL/.60
10860	AC 1	bis(Chloroisopropyl)ether	170.91
11781	AC 7	bis(2-Ethylhexyl)phthalate	50.00
53407	B 6	Bis(Chloromethyl)Ketone	[25]
54288	AB 1 C	Bis (chloromethyl)ether	DL(P)
13726	AC 8	bis(Dimethylthiocarbamoyl)disulfide	10.00
40446	B 59	Bitoscanate	[25]
77231	AB 40	Black phosphorus	10.25
36892	AB 45 C	Bladafum	DL(P)
11017	A 8	Boletic acid	[1000]
10294	B 345	Boron Trichloride	[25]
76370	B 72	Boron Trifluoride	[25]
35342	B 4	Boron trifluoride compound with methyl ether (1:1)	[25]
28772	B 567	Bromadiolone	[25]
77269	B 56	Bromine	[25]
50668	AB 3 C	Bromine cyanide	(r)
59831	AC	Bromoacetone	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
2			
75274	A	Bromodichloromethane	1.18
75252	AC	Bromoform	1.00
74839	AB	Bromomethane	0.80
C			
35757	AC	Brucine	DL(P)
3			
14307	A	Butanedioic acid, 2,3-di-	[1000]
438		hydroxy-(R-(R*,R*))- ammonium salt	
30503	AC	Butanoic acid, 4-[bis(2-	[100]
3		chloroethyl)-amino)benzene-	
11017	A	(E)-2-Butanedioic acid	[1000]
8			
94804	A	Butyl 2,4-D	[1000]
85687	AC	Butyl benzyl phthalate	50.00
10792	A	Butyric acid	[1000]
6			
75605	AC	Cacodylic acid	(a)
74404	AC	Cadmium	39.00
39			
54390	A	Cadmium acetate	(e)
8			
77894	A	Cadmium bromide	(e)
26			
10108	A	Cadmium chloride	(e)
642			
-	AC	Cadmium compounds, N.O.S.	(e)
99007			
13061	B	Cadmium Oxide	(e)

CAS #	Source	Regulated Substances	NC (mg/kg)
90			
22239	B	Cadmium Stearate	(e)
30			
77784	AB	Calcium arsenate	(a)
41			
52740	A	Calcium arsenite	(a)
166			
75207	A	Calcium carbide	[100]
13765	AC	Calcium chromate	(f)
190			
59201	AC	Calcium cyanide	(r)
8			
26264	A	Calcium dodecylbenzene sulfonate	[1000]
062			
77785	A	Calcium hypochlorite	[100]
43			
56257	B	Cantharidin	[25]
13306	A	Captan	1/BG
2			
51832	B	Carbachol Chloride	[25]
51796	AC	Carbamic acid, ethyl ester	[1000]
63252	A	Carbamic acid, methyl-,1-naphthyl ester	1/BG
20326	AB	Carbamic acid, methyl-, 4-(methylthio)-3,5-xyllyl ester	10.00
57			
31518	AB	Carbamic acid, methyl-, 4-dimethylamino-3,5-xyllyl ester	10.00
4			
26419	B	Carbamabie acid, methyl-0-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	[25]
738			
61553	AC	Carbamic acid, methylnitroso-, ethyl ester	[25]
2			

CAS #	Source	Regulated Substances	NC (mg/kg)
79447	AC	Carbamic chloride, dimethyl-	[25]
68493	AC	Carbamide, N-methyl-N-nitroso-	[25]
62566	AC	Carbamide, thio-	[100]
63010	AC	Carbamimidoseleonic acid	DL(P)
11154	AC	Carbamodithioic acid, 1,2-ethanediybis-, salts and esters	[1000]
23031	AC	Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester	196.13
63252	A	Carbaryl	1/BG
15636	AB	Carbofuran	0.80
10895	AB	Carbolic acid	50.00
75150	AB	Carbon bisulfide	DL(P)/BG
75150	AB	Carbon disulfide	DL(P)/BG
35350	AC	Carbon oxyfluoride	[1000]
56235	AC	Carbon tetrachloride	0.17
65337	AB	Carbonic acid, dithallium (1+) salt	(n)
75445	AB	Carbonic dichloride	DL(P)
35350	AC	Carbonic difluoride	[1000]
79221	AB	Carbonochloridic acid, methyl ester	[1000]
75445	AB	Carbonyl chloride	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
	C		
35350	AC 4	Carbonyl fluoride	[1000]
78619	B 6	Carbophenothion	1/BG
13107	A 32	Caustic soda	(v)
62384	AB C	Ceresan	DL/.024
75694	AC	CFC-11	0.70
75718	AC	CFC-12	1.49
30503	AC 3	Chlorambucil	[100]
57749	AB C	Chlordane	9.20
47090	B 6	Chlorfenvinfos	[25]
68411	AC 450	Chlorinated benzenes, N.O.S.	[25]
68411	AC 723	Chlorinated ethane, N.O.S.	[25]
99008	- C	Chlorinated fluorocarbons, N.O.S.	[25]
70776	AC 033	Chlorinated naphthalene, N.O.S.	[25]
99009	- AC	Chlorinated phenol, N.O.S.	[25]
77825	AB 05	Chlorine	§
50677	AC 4	Chlorine cyanide	(r)
24934	B	Chlormephos	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
916			
99981	B	Chloromequat Chloride	[25]
5			
49403	AC	Chlornaphazine	[1000]
1			
10720	AC	Chloroacetaldehyde	DL(P)
0			
79118	B	Chloroacetic Acid	[25]
	- AC	Chloroalkyl ethers, N.O.S.	[25]
99010			
10705	A	Chloroallylene	[1000]
1			
10890	AC	Chlorobenzene	4.18
7			
68411	A	Chlorobenzenes	[25]
450			
51015	AC	Chlorobenzilate	[100]
6			
12448	A	Chlorodibromomethane	1.63
1			
75003	A	Chloroethane	0.17
10707	B	Chloroethanol	[25]
3			
62711	B	Chloroethyl Chloroformate	[25]
2			
67663	AB	Chloroform	0.68
C			
75445	AB	Chloroformyl chloride	DL(P)
C			
74873	AC	Chloromethane	0.04
10730	AB	Chloromethyl methyl ether	DL/.012
2	C		

CAS #	Source	Regulated Substances	NC (mg/kg)
36913	B	Chlorophacinone	[25]
58			
59507	AC	Chlorophenol, 4-, methyl, 3-	13.20
12699	AC	Chloroprene	[25]
8			
77909	A	Chlorosulfonic acid	[1000]
45			
19824	B	Chloroxuron	[25]
74			
29218	A	Chlorpyrifos	1/BG
82			
21923	B	Chlorthiophos	[25]
239			
77389	A	Chromic (VI) acid	(f)
45			
10663	A	Chromic acetate	(f)
04			
77890	A	Chromic acid (H <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> ), diammonium salt	(f)
95			
77389	A	Chromic acid (H <sub>2</sub> CrO <sub>4</sub> )	(f)
45			
77889	A	Chromic acid (H <sub>2</sub> CrO <sub>4</sub> ), diammonium salt	(f)
89			
13765	AC	Chromic acid, calcium salt	(f)
190			
10025	B	Chromic Chloride	(f)
737			
10101	A	Chromic sulfate	(f)
538			
74404	AC	Chromium	1200.00
73			
- AC		Chromium compounds, N.O.S.	(f)
99011			

CAS #	Source	Regulated Substances	NC (mg/kg)
10049	A	Chromous chloride	(f)
055			
21801	AC	Chrysene	5.00
9			
15659	C	cis-1,2 Dichloroethylene	0.53
2			
11016	A	cis-1,2-Ethylenedicarboxylic acid	[1000]
7			
11016	A	cis-Butenedioic acid	[1000]
7			
10831	AC	cis-Butenedioic acid anhydride	[1000]
6			
30126	A	Citric acid diammonium salt	[1000]
55			
63585	C	Citrus red No. 2	[25]
38			
80074	C	Coal tar creosote	5.00
52			
77894	A	Cobalt bromide	(g)
37			
10210	B	Cobalt Carbonyl	(g)
681			
77894	A	Cobalt dibromide	(g)
37			
54418	A	Cobalt formate	(g)
3			
14017	A	Cobalt sulfamate	(g)
415			
--		Cobalt (reference only, not regulated substance)	25/BG
99204			
62207	B	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyn e))bis(6-fluorophenolato))(2)-	(g)
765			

CAS #	Source	Regulated Substances	NC (mg/kg)
		N,N',O,O')	
14017	A 415	Cobaltous sulfamate	(g)
65996	A 818	Coke oven emissions	§
64868	B	Colchicine	[25]
23123	A 58	Comite	[100]
74405	A 08	Copper	1500.00
14271	A 2	Copper acetate	(h)
12002	AB 038	Copper acetate arsenite	(a)
12002	AB 038	Copper acetoarsenite	(a)
99012	- A	Copper and compounds	(h)
74473	A 94	Copper chloride	(h)
54492	AC 3	Copper cyanide	(r)
32512	A 38	Copper nitrate	(h)
77589	A 87	Copper sulfate	(h)
81582	A 7	Copper tartrate	(h)
10380	A 297	Copper(2+), tetraammine-, sulfate (1:1), monohydrate	(h)
56724	AB	Coumaphos	1/BG
56724	AB	Coumarin, 3-chloro-7-hydroxy-4-methyl-, O-ester with O,O-	1/BG

CAS #	Source	Regulated Substances	NC (mg/kg)
		diethylpyrophosphorothioate	
58362	B 93	Coumatetralyl	[25]
80015	AC 89	Creosote	--
13197	AC 73	Cresols	3.80
13197	AC 73	Cresylic acid	3.80
53589	B 7	Crimidine	[25]
41703	AB 03 C	Crotonaldehyde	[1000]
12373	AB 9	Crotonaldehyde, (E)	[1000]
41703	AB 03 C	Crotyldehyde	[1000]
98828	A	Cumene	21.88
80159	A	Cumene hydroperoxide	[100]
14271	A 2	Cupric acetate	(h)
12002	AB 038	Cupric acetoarsenite	(a)
74473	A 94	Cupric chloride	(h)
32512	A 38	Cupric nitrate	(h)
58936	A 63	Cupric oxalate	(h)
77589	A 87	Cupric sulfate	(h)
10380	A	Cupric sulfate, ammoniated,	(h)

CAS #	Source	Regulated Substances	NC (mg/kg)
297		monohydrate	
81582	A 7	Cupric tartrate	(h)
57125	AC	Cyanides (soluble salts and complexes) N.O.S.	(r)
99013	- A	Cyanides (CN anion)	10.00
10047	A 0	Cyanobenzene	DL/.17
10713	AB 1 C	Cyanoethylene	1.37
46019	AC 5	Cyanogen	DL(P)
50668	AB 3 C	Cyanogen bromide	(r)
50677	AC 4	Cyanogen chloride	(r)
50678	B 5	Cyanogen iodide	(r)
50668	AB 3 C	Cyanogen monobromide	(r)
26362	B 62	Cyanophos	[25]
67514	B 9	Cyanuric Fluoride	[25]
14901	C 087	Cycasin	[25]
11082	A 7	Cyclohexane	20.00
10894	A 1	Cyclohexanone	DL/.031
71432	AC	Cyclohexatriene	0.02

CAS #	Source	Regulated Substances	NC (mg/kg)
66819	B	Cycloheximide	[25]
10891	B 8	Cyclohexylamine	[25]
50180	AC	Cyclophosphamide	[100]
60515	AB C	Cygon	DL(P)
18883	AC 664	D-Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-	[25]
75990	A	Dalapon	10.00
20830	AC 813	Daunomycin	[100]
20830	AC 813	Daunorubicin	[100]
96128	AC	DBCP	DL/.003
15660	AC 5	DCE, trans-1,2-	0.53
10860	AC 1	DCIP	170.91
33054	A 1	DCMU	[1000]
72548	AC	DDD	0.66
72559	AC	DDE	0.66
50293	AC	DDT	0.66
62737	AB	DDVP	1/BG
17702	B 419	Decaborane (14)	[25]
31986	A 8	delta-Benzenehexachloride	[25]
31986	A 8	delta-BHC	[25]
80654	B	Demeton	20.51

CAS #	Source	Regulated Substances	NC (mg/kg)
83			
91986	B	Demeton-S-Methyl	[25]
8			
56531	AC	DES	DL
11532	A	Di (p-chlorophenyl)-	1/BG
2		trichloromethylcarbinol	
11784	A	Di-n-octyl phthalate	50.00
0			
62164	AC	Di-n-propylnitrosamine	1.71
7			
10311	B	Dialifor	[25]
849			
23031	AC	Diallate	196.13
64			
30201	AB	Diamine	DL/4E-5
2	C		
25376	AC	Diaminotoluene	[100]
458			
77889	A	Diammonium chromate	(f)
89		((NH <sub>4</sub> ) <sub>2</sub> CrO <sub>4</sub> )	
30126	A	Diammonium citrate	[1000]
55			
77890	A	Diammonium dichromate	(f)
95			
60097	A	Diammonium oxalate	[1000]
07		monohydrate	
31642	A	Diammonium tartrate	[1000]
92			
13096	A	Diantimony trioxide	(b)
44			
33341	A	Diazinon	1/BG
5			

CAS #	Source	Regulated Substances	NC (mg/kg)
53703	AC	Dibenzo(a,h)anthracene	5.00
18955	AC	Dibenzo(a,i)pyrene	5.00
9			
19265	C	Dibenzo[a,e]pyrene	5.00
4			
18964	C	Dibenzo[a,h]pyrene	5.00
0			
17460	AC	Dibenzo[b,e][1,4]dioxin,	8.00E-05
16		2,3,7,8-tetrachloro-	
22636	C	Dibenz[a,h]acridine	[25]
8			
22442	C	Dibenz[a,j]acridine	[25]
0			
19287	B	Diborane	[25]
457			
30076	A	Dibrom	[100]
5			
12448	A	Dibromochloromethane	1.63
1			
96128	AC	Dibromochloropropane	DL/.003
74953	AC	Dibromomethane	[1000]
84742	AC	Dibutyl phthalate	13.70
19180	A	Dicamba	1/BG
09			
11946	A	Dichlobenil	[1000]
56			
11780	A	Dichlone	[25]
6			
25321	AC	Dichlorobenzene, N.O.S.	[1000]
226			
13314	A	Dichlorobenzidines	[25]
71			

CAS #	Source	Regulated Substances	NC (mg/kg)
75274	A	Dichlorobromomethane	1.18
75718	AC	Dichlorodifluoromethane	1.49
72548	AC	Dichlorodiphenyldichloroethane	0.66
11144	AB 4 C	Dichloroethyl ether	DL/.60
75092	AC	Dichloromethane	0.08
14974	B 6	Dichloromethylphenylsilane	[25]
69628	AB 6 C	Dichlorophenylarsine	(a)
80031	A 98	Dichloropropane dichloropropene mixture	- [1000]
26638	AC 197	Dichloropropane, N.O.S.	[1000]
26545	C 733	Dichloropropanol, N.O.S.	[25]
26952	AC 238	Dichloropropene, N.O.S.	[1000]
62737	AB	Dichlorvos	1/BG
11532	A 2	Dicofol	1/BG
14166	B 2	Dicrotophos	[25]
60571	AC	Dieldrin	0.66
56382	AB C	Diethyl nitrophenylphosphorothioate	4- DL(P)
81449	B 3	Diethyl Chlorophosphate	[25]
60297	A	Diethyl ether	0.56
84662	AC	Diethyl phthalate	0.74
31145	AC	Diethyl-p-nitrophenyl phosphate	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
5			
10989	A	Diethylamine	[1000]
7			
69242	AC	Diethylarsine	(a)
2			
16425	B	Diethylcarbamazine citrate	[25]
42			
56531	AC	Diethylstilbestrol	DL
71636	B	Digitoxin	§
22380	B	Diglycidyl Ether	[25]
75			
20830	B	Digoxin	[25]
755			
94586	AC	Dihydrosafrole	[100]
55914	AB	Diisopropylflourophosphate	DL(P)
C			
11526	B	Dimefox	[25]
4			
60515	AB	Dimethoate	DL(P)
C			
25240	B	Dimethyl Phosphorochloridothioate	[25]
30			
13111	AC	Dimethyl phthalate	0.66
3			
77781	AB	Dimethyl sulfate	DL/.12
C			
99989	B	Dimethyl-p-phenylenediamine	[25]
12440	A	Dimethylamine	[1000]
3			
79447	AC	Dimethylcarbamoyl chloride	[25]
75785	B	Dimethyldichlorosilane	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
62759	AB C	Dimethylnitrosamine	0.66
13007	A 16	Dimethylphenol	307.64
64464	B 4	Dimetilan	[25]
25154	AC 545	Dinitrobenzene, N.O.S.	[1000]
10544	A 726	Dinitrogen tetroxide	[100]
25550	A 587	Dinitrophenol	[100]
25321	A 146	Dinitrotoluene	[100]
88857	AB C	Dinoseb	0.66
14200	B 71	Dinoterb	[25]
78342	B	Dioxathion	1/BG
17460	AC 16	Dioxin	8.00E-05
82666	B	Diphacinone	[25]
12239	C 4	Diphenylamine	[25]
38622	A 183	Diphenylhydrazine	[25]
15216	AB 9 C	Diphosphoramidate, octamethyl-	DL(P)
33341	A 5	Dipofene	1/BG
14284	A 7	Dipropylamine	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
27647	A 29	Diquat	2.00
85007	A	Diquat dibromide	2.00
76318	AB 92	Disodium arsenate	(a)
75587	A 94	Disodium phosphate	[1000]
10102	AB 188	Disodium selenite	(L)
14644	A 612	Disulfatozirconic acid	[1000]
29804	AB 4 C	Disulfoton	DL(P)
80149	A 57	Disulphuric acid	(v)
29804	AB 4 C	Disyston	DL(P)
51473	B 8	Dithiazanine iodide	[25]
75150	AB C	Dithiocarbonic anhydride	DL(P)/BG
36892	AB 45 C	Dithiopyrophosphoric acid, tetraethyl ester	DL(P)
33054	A 1	Diuron	[1000]
72435	AC	DMDT	10.00
27176	A 870	Dodecylbenzenesulfonic acid	[1000]
29218	A 82	Dursban	1/BG
10693	AC 4	EDB	0.01

CAS #	Source	Regulated Substances	NC (mg/kg)
60004	A	Edetic acid	[1000]
60004	A	EDTA	[1000]
31642	B 7	Emetine, Dihydrochloride	[25]
95998	A 8	Endosulfan (alpha)	10.00
11529	AB 7 C	Endosulfan (mixed isomers)	3.30
10310	A 78	Endosulfan sulfate	1.65
95998	A 8	Endosulfan-I	10.00
33213	A 659	Endosulfan-II	10.00
14573	AC 3	Endothall	0.66
27780	B 43	Endothion	[25]
72208	AB C	Endrin	10.00
74219	A 34	Endrin aldehyde	10.00
99014	- AC	Endrin metabolites	10.00
10689	AB 8 C	Epichlorhydrin	DL/.003
51434	AC	Epinephrine	§
21046	B 45	EPN	[25]
50146	B	Ergocalciferol	[25]
37979	B 3	Ergotamine Tartrate	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
14645	AB 35 C	Erythritol anhydride	[100]
75070	A	Ethanal	DL/.003
12209	AC 8	Ethanamine, 1,1-dimethyl-2-phenyl	DL(P)
55185	AC	Ethanamine, N-ethyl-N-nitroso-	DL/.014
58936	A 63	Ethandioic acid copper salt	(h)
60297	A	Ethane, 1,1'-oxybis-	0.56
11144	AB 4 C	Ethane, 1,1'-oxybis[2-chloro-	DL/.60
11191	AC 1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	DL/.027
63020	AC 6	Ethane, 1,1,1,2-tetrachloro-	1.03
10693	AC 4	Ethane, 1,2-dibromo-	0.01
10706	AC 2	Ethane, 1,2-dichloro-	0.02
46019	AC 5	Ethanedinitrile	DL(P)
55488	A 874	Ethanedioic acid, ammonium iron salt	[1000]
29446	A 74	Ethanedioic acid, ammonium iron(3+) salt (3:3:1)	[1000]
14258	A 492	Ethanedioic acid, ammonium salt	[1000]
60097	A 07	Ethanedioic acid, diammonium salt, monohydrate	[1000]
59727	A 36	Ethanedioic acid, monoammonium, salt, monohydrate	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
75058	AC	Ethanenitrile	DL/.04
16223	B	Ethanesulfonyl Chloride, 2-Chloro-	[25]
62555	AC	Ethanethioamide	[100]
64197	A	Ethanoic acid	[1000]
10140	B	Ethanol, 1,2-Dichloro-, Acetate	[25]
871			
11165	AC	Ethanol, 2,2'-(nitrosoimino)bis-	4.27
47			
98862	AC	Ethanone, 1-phenyl-	DL/.26
75365	AC	Ethanoyl chloride	[1000]
45494	AC	Ethenamine, N-methyl-N-nitroso-	DL(P)
00			
11075	AC	Ethene, (2-chloroethoxy)-	[1000]
8			
75014	AC	Ethene, chloro	0.04
56312	AB	Ethion	[100]
2			
13194	B	Ethoprophos	[25]
484			
14178	A	Ethyl acetate	DL/.07
6			
14088	A	Ethyl acrylate	[1000]
5			
75070	A	Ethyl aldehyde	DL/.003
51796	AC	Ethyl carbamate	[1000]
75003	A	Ethyl chloride	0.17
10712	AB	Ethyl cyanide	DL(P)
0	C		
60297	A	Ethyl ether	0.56

CAS #	Source	Regulated Substances	NC (mg/kg)
97632	AC	Ethyl methacrylate	[1000]
62500	AC	Ethyl methanesulfonate	[25]
51015	AC	Ethyl-4,4'-dichlorobenzilate	44.31
6			
10792	A	Ethylacetic acid	[1000]
6			
75047	A	Ethylamine	[1000]
10041	A	Ethylbenzene	20.00
4			
53807	B	Ethylbis (2-Chloroethyl) Amine	[25]
8			
10693	AC	Ethylene dibromide	0.01
4			
10706	AC	Ethylene dichloride	0.02
2			
37162	B	Ethylene Fluorohydrin	[25]
0			
11080	AC	Ethylene glycol monoethyl ether	DL/.16
5			
75218	AB	Ethylene oxide	11.73
C			
79016	AC	Ethylene trichloride	0.13
11154	AC	Ethylenebisdithiocarbamic acid, salts and esters	[1000]
6			
10715	AB	Ethylenediamine	[1000]
3			
60004	A	Ethylenediamine tetraacetic acid	[1000]
15156	AB	Ethyleneimine	DL(P)
4	C		
96457	AC	Ethylenethiourea	19.94
79094	A	Ethylformic acid	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
75343	AC	Ethylidene dichloride	0.03
54290	B 5	Ethylthiocynate	[25]
52857	AC	Famophos	DL(P)
52857	AC	Famphur	DL(P)
22224	B 926	Fenamiphos	[25]
12214	B 5	Fenitrothion	[25]
11590	B 2	Fensulfothion	10.00
11855	A 75	Ferric ammonium citrate	[1000]
55488	A 874	Ferric ammonium oxalate	[1000]
29446	A 74	Ferric ammonium oxalate	[1000]
77050	A 80	Ferric chloride	[1000]
77835	A 08	Ferric fluoride	[1000]
10421	A 484	Ferric nitrate	[1000]
10028	A 225	Ferric persulfate	[1000]
10028	A 225	Ferric sesquisulfate	[1000]
10028	A 225	Ferric sulfate	[1000]
10045	A 893	Ferrous ammonium sulfate	[1000]
77589	A	Ferrous chloride	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
43			
77207	A	Ferrous sulfate	[1000]
87			
77826	A	Ferrous sulfate heptahydrate	[1000]
30			
43015	B	Fluenetil	[25]
02			
20644	AC	Fluoranthene	500.00
0			
86737	A	Fluorene	360.00
77824	AB	Fluorine	600/BG
14	C		
14449	B	Fluoroacetic Acid	[25]
0			
62748	B	Fluoroacetyl acid, sodium salt	DL(P)
35906	B	Fluoroacetyl chloride	[25]
8			
75694	AC	Fluorotrichloromethane	0.70
51218	B	Fluorouracil	[25]
94422	B	Fonofos	[25]
9			
30525	A	Formagene	[1000]
894			
50000	AB	Formaldehyde	DL/.010
	C		
10716	B	Formaldehyde Cyanohydrin	§
4			
50000	AB	Formalin	DL/.010
	C		
23422	B	Formetanate Hydrochloride	[25]
539			

CAS #	Source	Regulated Substances	NC (mg/kg)
64186	AC	Formic acid	[1000]
25408	B 21	Formothion	[25]
17702	B 577	Formparanate	[25]
21548	B 323	Fosthietan	[25]
76131	A	Freon 113	6.92
38781	B 91	Fuberidazole	[25]
62886	AC 4	Fulminic acid, mercury(2+) salt	DL
11017	A 8	Fumaric acid	[1000]
80149	A 57	Fuming sulfuric acid	(v)
15636	AB 62	Furadan	0.80
11000	AB 9	Furan	512.74
10999	A 9	Furan, tetrahydro-	DL/.014
98011	A	Furfural	DL/.012
11000	AB 9	Furfuran	512.74
13450	B 903	Gallium Trichloride	[25]
58899	AB C	gamma-Benzenehexachloride	0.66
58899	AB C	gamma-BHC	0.66
64197	A	Glacial acetic acid	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
76534	AC 4	Glycidylaldehyde	DL/.07
77207	A 87	Green vitriol	[1000]
70257	AC	Guanidine, N-methyl-N'-nitro-N-nitroso	[100]
- A 99205		Haloethers	[25]
- A 99015		Halomethanes, N.O.S.	[25]
- A 99017		Hazardous Waste No. D001 (Ignitable)	(u)
- A 99094		Hazardous Waste No. D002 (Corrosive)	(v)
- A 99018		Hazardous Waste No. D003 (Reactive)	(w)
- A 99069		Hazardous Waste No. D004 (Arsenic)	(x)
- A 99068		Hazardous Waste No. D005 (Barium)	(x)
- A 99066		Hazardous Waste No. D006 (Cadmium)	(x)
- A 99140		Hazardous Waste No. D007 (Chromium)	(x)
- A 99139		Hazardous Waste No. D008 (Lead)	(x)
- A 99138		Hazardous Waste No. D009 (Mercury)	(x)
- A 99137		Hazardous Waste No. D010 (Selenium)	(x)
- A 99136		Hazardous Waste No. D011 (Silver)	(x)
- A		Hazardous Waste No. D012	(x)

CAS #	Source	Regulated Substances		NC (mg/kg)
99113		(Endrin)		
- A		Hazardous Waste	No. D013	(x)
99108		(Lindane)		
- A		Hazardous Waste	No. D014	(x)
99107		(Methoxychlor)		
- A		Hazardous Waste	No. D015	(x)
99100		(Toxaphene)		
- A		Hazardous Waste	No. D016	(x)
99118		(2,4-D)		
- A		Hazardous Waste	No. D017	(x)
99096		(2,4,5-TP)		
- A		Hazardous Waste	No. D018	(x)
99300		(Benzene)		
- A		Hazardous Waste	No. D019	(x)
99016		(Carbon tetrachloride)		
- A		Hazardous Waste	No. D020	(x)
99019		(Chlordane)		
- A		Hazardous Waste	No. D021	(x)
99021		(Chlorobenzene)		
- A		Hazardous Waste	No. D022	(x)
99020		(Chloroform)		
- A		Hazardous Waste	No. D023 (o-Cresol)	(x)
99122				
- A		Hazardous Waste	No. D024 (m-Cresol)	(x)
99121				
- A		Hazardous Waste	No. D025 (p-Cresol)	(x)
99120				
- A		Hazardous Waste	No. D026 (Cresols)	(x)
99119				
- A		Hazardous Waste	No. D027 (1,4-Dichlorobenzene)	(x)
99117				
- A		Hazardous Waste	No. D028 (1,2-Dichloroethane)	(x)
99116				

CAS #	Source	Regulated Substances	NC (mg/kg)
99115	- A	Hazardous Waste No. D029 (1,1-Dichloroethylene)	(x)
99114	- A	Hazardous Waste No. D030 (2,4-Dinitrotoluene)	(x)
99112	- A	Hazardous Waste No. D031 (Heptachlor and its epoxide)	(x)
99111	- A	Hazardous Waste No. D032 (Hexachlorobenzene)	(x)
99110	- A	Hazardous Waste No. D033 (Hexachlorobutadiene)	(x)
99109	- A	Hazardous Waste No. D034 (Hexachloroethane)	(x)
99106	- A	Hazardous Waste No. D035 (Methyl ethyl ketone)	(x)
99105	- A	Hazardous Waste No. D036 (Nitrobenzene)	(x)
99104	- A	Hazardous Waste No. D037 (Pentachlorophenol)	(x)
99103	- A	Hazardous Waste No. D038 (Pyridine)	(x)
99101	- A	Hazardous Waste No. D039 (Tetrachloroethylene)	(x)
99099	- A	Hazardous Waste No. D040 (Trichloroethylene)	(x)
99098	- A	Hazardous Waste No. D041 (2,4,5-Trichlorophenol)	(x)
99097	- A	Hazardous Waste No. D042 (2,4,6-Trichlorophenol)	(x)
99095	- A	Hazardous Waste No. D043 (Vinyl chloride)	(x)
99124	- A	Hazardous Waste No. F001	(z)
	- A	Hazardous Waste No. F002	(z)

CAS #	Source	Regulated Substances	NC (mg/kg)
99082			
- A		Hazardous Waste No. F003	(z)
99123			
- A		Hazardous Waste No. F004	(z)
99081			
- A		Hazardous Waste No. F005	(z)
99080			
- A		Hazardous Waste No. F006	(z)
99079			
- A		Hazardous Waste No. F007	(z)
99078			
- A		Hazardous Waste No. F008	(z)
99077			
- A		Hazardous Waste No. F009	(z)
99076			
- A		Hazardous Waste No. F010	(z)
99075			
- A		Hazardous Waste No. F011	(z)
99074			
- A		Hazardous Waste No. F012	(z)
99073			
- A		Hazardous Waste No. F019	(z)
99072			
- A		Hazardous Waste No. F020	(z)
99185			
- A		Hazardous Waste No. F021	(z)
99184			
- A		Hazardous Waste No. F022	(z)
99183			
- A		Hazardous Waste No. F023	(z)
99182			
- A		Hazardous Waste No. F024	(z)
99181			

CAS #	Source	Regulated Substances	NC (mg/kg)
98180	- A	Hazardous Waste No. F025	(z)
99179	- A	Hazardous Waste No. F026	(z)
99178	- A	Hazardous Waste No. F027	(z)
99177	- A	Hazardous Waste No. F028	(z)
99176	- A	Hazardous Waste No. F032	(z)
99175	- A	Hazardous Waste No. F034	(z)
99174	- A	Hazardous Waste No. F035	(z)
99173	- A	Hazardous Waste No. F037	(z)
99172	- A	Hazardous Waste No. F038	(z)
99171	- A	Hazardous Waste No. K001	(z)
99170	- A	Hazardous Waste No. K002	(z)
99169	- A	Hazardous Waste No. K003	(z)
99168	- A	Hazardous Waste No. K004	(z)
99167	- A	Hazardous Waste No. K005	(z)
99166	- A	Hazardous Waste No. K006	(z)
99165	- A	Hazardous Waste No. K007	(z)
	- A	Hazardous Waste No. K008	(z)

CAS #	Source	Regulated Substances	NC (mg/kg)
99164			
- A		Hazardous Waste No. K009	(z)
99163			
- A		Hazardous Waste No. K010	(z)
99162			
- A		Hazardous Waste No. K011	(z)
99161			
- A		Hazardous Waste No. K013	(z)
99160			
- A		Hazardous Waste No. K014	(z)
99159			
- A		Hazardous Waste No. K015	(z)
99158			
- A		Hazardous Waste No. K016	(z)
99157			
- A		Hazardous Waste No. K017	(z)
99156			
- A		Hazardous Waste No. K018	(z)
99155			
- A		Hazardous Waste No. K019	(z)
99154			
- A		Hazardous Waste No. K020	(z)
99153			
- A		Hazardous Waste No. K021	(z)
99152			
- A		Hazardous Waste No. K022	(z)
99151			
- A		Hazardous Waste No. K023	(z)
99150			
- A		Hazardous Waste No. K024	(z)
99149			
- A		Hazardous Waste No. K025	(z)
99148			

CAS # Source	Regulated Substances	NC (mg/kg)
- A 99147	Hazardous Waste No. K026	(z)
- A 99146	Hazardous Waste No. K027	(z)
- A 99145	Hazardous Waste No. K028	(z)
- A 99144	Hazardous Waste No. K029	(z)
- A 99143	Hazardous Waste No. K030	(z)
- A 99135	Hazardous Waste No. K031	(z)
- A 99134	Hazardous Waste No. K032	(z)
- A 99133	Hazardous Waste No. K033	(z)
- A 99132	Hazardous Waste No. K034	(z)
- A 99131	Hazardous Waste No. K035	(z)
- A 99130	Hazardous Waste No. K036	(z)
- A 99129	Hazardous Waste No. K037	(z)
- A 99128	Hazardous Waste No. K038	(z)
- A 99127	Hazardous Waste No. K039	(z)
- A 99126	Hazardous Waste No. K040	(z)
- A 99125	Hazardous Waste No. K041	(z)
- A	Hazardous Waste No. K042	(z)

CAS #	Source	Regulated Substances	NC (mg/kg)
99071			
- A		Hazardous Waste No. K043	(z)
99070			
- A		Hazardous Waste No. K044	(z)
99102			
- A		Hazardous Waste No. K045	(z)
99142			
- A		Hazardous Waste No. K046	(z)
99067			
- A		Hazardous Waste No. K047	(z)
99141			
- A		Hazardous Waste No. K048	(z)
99086			
- A		Hazardous Waste No. K049	(z)
99087			
- A		Hazardous Waste No. K050	(z)
99090			
- A		Hazardous Waste No. K051	(z)
99092			
- A		Hazardous Waste No. K052	(z)
99065			
- A		Hazardous Waste No. K060	(z)
99083			
- A		Hazardous Waste No. K061	(z)
99064			
- A		Hazardous Waste No. K062	(z)
99084			
- A		Hazardous Waste No. K064	(z)
99063			
- A		Hazardous Waste No. K065	(z)
99062			
- A		Hazardous Waste No. K066	(z)
99061			

CAS #	Source	Regulated Substances	NC (mg/kg)
99060	- A	Hazardous Waste No. K069	(z)
99059	- A	Hazardous Waste No. K071	(z)
99058	- A	Hazardous Waste No. K073	(z)
99057	- A	Hazardous Waste No. K083	(z)
99091	- A	Hazardous Waste No. K084	(z)
99056	- A	Hazardous Waste No. K085	(z)
99093	- A	Hazardous Waste No. K086	(z)
99089	- A	Hazardous Waste No. K087	(z)
99055	- A	Hazardous Waste No. K088	(z)
99054	- A	Hazardous Waste No. K090	(z)
99088	- A	Hazardous Waste No. K091	(z)
99053	- A	Hazardous Waste No. K093	(z)
99052	- A	Hazardous Waste No. K094	(z)
99051	- A	Hazardous Waste No. K095	(z)
99050	- A	Hazardous Waste No. K096	(z)
99049	- A	Hazardous Waste No. K097	(z)
	- A	Hazardous Waste No. K098	(z)

CAS #	Source	Regulated Substances	NC (mg/kg)
99048			
- A		Hazardous Waste No. K099	(z)
99047			
- A		Hazardous Waste No. K100	(z)
99046			
- A		Hazardous Waste No. K101	(z)
99045			
- A		Hazardous Waste No. K102	(z)
99044			
- A		Hazardous Waste No. K103	(z)
99043			
- A		Hazardous Waste No. K104	(z)
99042			
- A		Hazardous Waste No. K105	(z)
99041			
- A		Hazardous Waste No. K106	(z)
99085			
- A		Hazardous Waste No. K107	(z)
99040			
- A		Hazardous Waste No. K108	(z)
99039			
- A		Hazardous Waste No. K109	(z)
99038			
- A		Hazardous Waste No. K110	(z)
99037			
- A		Hazardous Waste No. K111	(z)
99036			
- A		Hazardous Waste No. K112	(z)
99035			
- A		Hazardous Waste No. K113	(z)
99034			
- A		Hazardous Waste No. K114	(z)
99033			

CAS #	Source	Regulated Substances	NC (mg/kg)
99032	- A	Hazardous Waste No. K115	(z)
99031	- A	Hazardous Waste No. K116	(z)
99030	- A	Hazardous Waste No. K117	(z)
99029	- A	Hazardous Waste No. K118	(z)
99028	- A	Hazardous Waste No. K123	(z)
99027	- A	Hazardous Waste No. K124	(z)
99026	- A	Hazardous Waste No. K125	(z)
99025	- A	Hazardous Waste No. K126	(z)
99024	- A	Hazardous Waste No. K131	(z)
99023	- A	Hazardous Waste No. K132	(z)
99022	- A	Hazardous Waste No. K136	(z)
11874	AC	HCB	2.14
	1		
77474	AB	HCP	15.20
	C		
76448	AC	Heptachlor	0.66
10245	AC	Heptachlor epoxide	1.65
	73		
99186	- C	Heptachlorodibenzo-p-dioxins	(t(.01))
99187	- C	Heptachlorodibenzofurans	(t(.01))

CAS #	Sou	Regulated Substances	NC (mg/kg)
11874	AC	Hexachlorobenzene	2.14
1			
87683	AC	Hexachlorobutadiene	17.50
60873	A	Hexachlorocyclohexane	0.66
1			
31984	A	Hexachlorocyclohexane (alpha)	0.66
6			
31985	A	Hexachlorocyclohexane (beta)	0.66
7			
31986	A	Hexachlorocyclohexane (delta)	[25]
8			
58899	AB	Hexachlorocyclohexane	0.66
C		(gamma)	
77474	AB	Hexachlorocyclopentadiene	15.20
C			
19408	C	Hexachlorodibenzo-p-dioxins	1.90E-03
743			
- C		Hexachlorodibenzofurans	(t(0.1))
99188			
67721	AC	Hexachloroethane	9.99
46573	AB	Hexachlorohexahydro-endo,	DL(P)
6 C		endo-dimethanonaphthalene	
70304	AC	Hexachlorophene	25.00
18887	AC	Hexachloropropene	[1000]
17			
75758	AC	Hexaethyltetraphosphate	DL (P)
4			
10124	A	Hexametaphosphate, sodium	[1000]
568		salt	
11082	A	Hexamethylene	20.00
7			
48351	B	Hexamethylenediamine, N,N'-	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
14		Dibutyl-	
12404	A 9	Hexanedioic acid	DL/.006
30201	AB 2 C	Hydrazine	DL/4E-5
57147	AB C	Hydrazine, 1,1-dimethyl	4.60
16158	AC 01	Hydrazine, 1,2-diethyl-	[100]
54073	AC 8	Hydrazine, 1,2-dimethyl	0.32
12266	AC 7	Hydrazine, 1,2-diphenyl	7.20
79196	AB C	Hydrazinecarbothioamide	DL(P)
12266	AC 7	Hydrazobenzene	7.20
76470	AB 10	Hydrochloric acid	(v)
74908	AB C	Hydrocyanic acid	(r)
76643	AB 93 C	Hydrofluoric acid	(v)
76470	AB 10	Hydrogen chloride (gas only)	(v)
74908	AB C	Hydrogen cyanide	(r)
76643	AB 93 C	Hydrogen fluoride	(v)
77228	B 41	Hydrogen Peroxide (Conc > 52%)	[25]
78035	AB 12 C	Hydrogen phosphide	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
77830	B 75	Hydrogen Selenide	(L)
77830	AB 64 C	Hydrogen sulfide	[1000]
80159	A	Hydroperoxide, 1-methyl-1-phenylethyl-	[100]
12331	B 9	Hydroquinone	[25]
77830	AB 64 C	Hydrosulfuric acid	[1000]
10895	AB 2 C	Hydroxybenzene	50.00
75605	AC	Hydroxydimethylarsine oxide	(a)
13007	A 16	Hydroxydimethylbenzene	307.64
77785	A 43	Hypochlorous acid, calcium salt	[100]
76815	A 29	Hypochlorous acid, sodium salt	[1000]
10022	A 705	Hypochlorous acid, sodium salt, pentahydrate	[1000]
19339	AC 5	Indeno(1,2,3-cd)pyrene	5.00
74884	AC	Iodomethane	[1000]
77589	A 43	Iron chloride	[1000]
77589	A 43	Iron dichloride	[1000]
10421	A 484	Iron nitrate	[1000]
13463	B 406	Iron pentacarbonyl	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
77050	A	Iron trichloride	[1000]
80			
11019	A	iso-Butyl acetate	[1000]
0			
78819	A	iso-Butylamine	[1000]
79312	A	iso-Butyric acid	[1000]
12392	A	Isoamyl acetate	[1000]
2			
29778	B	Isobenzan	[25]
9			
78831	AC	Isobutyl alcohol	DL/.07
78820	B	Isobutyronitrile	[25]
62483	AB	Isocyanic acid, methyl ester	DL(P)
9	C		
10236	B	Isocyanic acid, 3,4-Dichlorophenyl Ester	[25]
3			
46573	AB	Isodrin	DL(P)
6	C		
55914	AB	Isofluorphate	DL(P)
C			
78591	A	Isophorone	DL/.19
40987	B	Isophorone Diisocyanate	[25]
19			
78795	A	Isoprene	[1000]
42504	A	Isopropanolamine dodecylbenzene sulfonate	[1000]
461			
10823	B	Isopropyl Chloroformate	[25]
6			
98828	A	Isopropylbenzene	21.88
11938	B	Isopropylmethylpyrazolyl dimethylcarbamate	[25]
0			

CAS #	Source	Regulated Substances	NC (mg/kg)
12058	AC 1	Isosafrole	[1000]
11532	A 2	Kelthane	1/BG
14350	AC 0	Kepone	10.00
14882	AC 3	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	10.00
11502	AC 6	L-Serine, diazoacetate (ester)	[25]
31642	A 92	L-Tartaric acid ammonium salt	[1000]
78977	B	Lactonitrile	§
30334	A 4	Lasiocarpine	[100]
30334	C 1	Lasiocarpine	[100]
74399	AC 21	Lead	400.00
30104	AC 2	Lead acetate	(i)
77844	A 09	Lead acid arsenate	(a)
76452	A 52	Lead arsenate	(a)
77589	A 54	Lead chloride	(i)
99189	- AC	Lead compounds, N.O.S.	(i)
77834	A 62	Lead difluoride	(i)
13814	A 965	Lead fluoborate	(i)

CAS #	Source	Regulated Substances	NC (mg/kg)
77834	A	Lead fluoride	(i)
62			
10101	A	Lead iodide	(i)
630			
10099	A	Lead nitrate	(i)
748			
74462	AC	Lead phosphate	(i)
77			
10723	A	Lead stearate	(i)
51			
74284	A	Lead stearate	(i)
80			
52652	A	Lead stearate	(i)
592			
56189	A	Lead stearate	(i)
094			
13353	AC	Lead subacetate	(i)
26			
74461	A	Lead sulfate	(i)
42			
15739	A	Lead sulfate	(i)
807			
13148	A	Lead sulfide	(i)
70			
59287	A	Lead sulfocyanate	(i)
0			
78002	AB	Lead tetraethyl	DL/(P)
C			
59287	A	Lead thiocyanate	(i)
0			
13353	AC	Lead, bis(acetato-O)	(i)
26		tetrahydroxytri-	
56189	A	Lead, bis(octadecanoato	(i)

CAS #	Source	Regulated Substances	NC (mg/kg)
094		dioxodi-	
21609	B 905	Leptophos	[25]
54125	B 3	Lewisite	[25]
58899	AB C	Lindane	0.66
14307	A 358	Lithium chromate	(f)
75806	B 78	Lithium Hydride	[25]
10839	A 4	m-Cresol	3.80
54173	AC 1	m-Dichlorobenzene	2.22
99650	A	m-Dinitrobenzene	1.05
55484	A 7	m-Nitrophenol	[1000]
99081	A	m-Nitrotoluene	[1000]
10838	A 3	m-Xylene	20.00
12175	A 5	Malathion	1/BG
11016	A 7	Maleic acid	[1000]
10831	AC 6	Maleic anhydride	[1000]
12333	AC 1	Maleic hydrazide	DL/5E-4
10977	AB 3 C	Malononitrile	10.25
12108	B	Manganese, tricarbonyl	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
133		methylcyclopentadienyl	
51752	B	Mechlorethamine	[25]
78933	AC	MEK	0.79
14882	AC	Melphalan	10.00
	3		
72208	AB	Mendrin	10.00
	C		
95010	B	Mephosfolan	[25]
	7		
10898	AB	Mercaptobenzene	DL(P)
	5 C		
96457	AC	Mercaptoimidazoline	19.94
74931	AB	Mercaptomethane	[1000]
	C		
16002	B	Mercuric Acetate	DL
	77		
74879	B	Mercuric Chloride	(j)
	47		
10045	A	Mercuric nitrate	(j)
	940		
21908	B	Mercuric Oxide	(j)
	532		
77833	A	Mercuric sulfate	(j)
	59		
59285	A	Mercuric sulfocyanide	[100]
	8		
59285	A	Mercuric thiocyanate	[100]
	8		
10415	A	Mercurous nitrate	(j)
	755		
77828	A	Mercurous nitrate, monohydrate	(j)
	67		

CAS #	Source	Regulated Substances	NC (mg/kg)
10415	A	Mercurous protonitrate	(j)
755			
74399	AC	Mercury	17.00
76			
	- AC	Mercury compounds, N.O.S.	(j)
99190			
59204	A	Mercury cyanide	(j)
1			
62886	AC	Mercury fulminate	DL
4			
62384	AB	Mercury, (acetato-O) phenyl-	DL/.024
C			
10846	AC	meta-Dihydroxybenzene	DL/.030
3			
10124	A	Metaphosphoric acid,	[1000]
568		hexasodium salt	
77858	A	Metaphosphoric acid, trisodium	[1000]
44		salt	
10476	B	Methacrolein Diacetate	[25]
956			
76093	B	Methacrylic Anhydride	[25]
0			
12698	AB	Methacrylonitrile	DL/.016
7	C		
92046	B	Methacryloyl Chloride	[25]
7			
30674	B	Methacryloyloxyethyl	[25]
807		Isocyanate	
10265	B	Methamidophos	25.64
926			
74895	A	Methanamine	[1000]
12440	A	Methanamine, N-methyl-	[1000]
3			

CAS #	Source	Regulated Substances	NC (mg/kg)
10730	AB 2 C	Methane, chloromethoxy-	DL/.012
10977	AB 3 C	Methane, dicyano-	10.25
62483	AB 9 C	Methane, isocyanato-	DL(P)
54288	AB 1 C	Methane, oxybis[chloro-	DL(P)
50914	AB 8 C	Methane, tetranitro-	DL(P)
59442	AB 3	Methanesulfenyl chloride, trichloro-	[1000]
62500	AC	Methanesulfonic acid, ethyl ester	[25]
55825	B 8	Methanesulfonyl Fluoride	[25]
74931	AB C	Methanethiol	[1000]
64186	AC	Methanoic acid	[1000]
67561	A	Methanol	1.37
91805	AC	Methapyrilene	[1000]
95037	B 8	Methidathion	[25]
20326	AB 57	Methiocarb	10.00
16752	AB 775 C	Methomyl	10.00
72435	AC	Methoxychlor	10.00
15138	B 2	Methoxyethylmercuric Acetate	DL
80637	B	Methyl 2-Chloroacrylate	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
67561	A	Methyl alcohol	1.37
74839	AB C	Methyl bromide	0.80
74873	AC	Methyl chloride	0.04
79221	AB C	Methyl chlorocarbonate	[1000]
71556	AC	Methyl chloroform	5.44
79221	AB C	Methyl chloroformate	[1000]
75058	AC	Methyl cyanide	DL/.04
78933	AC	Methyl ethyl ketone	0.79
13382	AC 34	Methyl ethyl ketone peroxide	[100]
74884	AC	Methyl iodide	[1000]
62483	AB 9 C	Methyl isocyanate	DL(P)
55661	B 6	Methyl Isothiocyanate	[25]
74931	AB C	Methyl mercaptan	[1000]
80626	AC	Methyl methacrylate	DL/.17
66273	C	Methyl methanesulfonate	[25]
29800	AB 0 C	Methyl parathion	DL(P)
37352	B 37	Methyl Phenkapton	[25]
67697	B 1	Methyl Phosphonic Dichloride	[25]
77781	AB C	Methyl sulfate	DL/.12
55664	B	Methyl Thiocyanate	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
9			
78944	B	Methyl Vinyl Ketone	[25]
79094	A	Methylacetic acid	[1000]
12362	A	Methylacetic anhydride	[1000]
6			
74895	A	Methylamine	[1000]
10888	AC	Methylbenzene	14.40
3			
74953	AC	Methylene bromide	[1000]
75092	AC	Methylene chloride	0.08
50000	AB	Methylene oxide	DL/.010
C			
60344	AB	Methylhydrazine	DL(P)
C			
10810	A	Methylisobutylketone	3.30
1			
50239	B	Methylmercuric Dicyanamide	(j)
6			
25376	AC	Methylphenylene diamine	[100]
458			
56042	AC	Methylthiouracil	[100]
75796	B	Methyltrichlorosilane	[25]
11294	B	Metolcarb	[25]
15			
77863	AB	Mevinphos	10.00
47			
10810	A	MIBK	3.30
1			
50077	AB	Mitomycin C	[100]
C			
70257	AC	MNNG	[100]

CAS #	Source	Regulated Substances	NC (mg/kg)
10114	AC 4	MOCA	25.00
10730	AB 2 C	Monochlorodimethyl ether	DL/.012
69232	B 24	Monocrotophos	[25]
75047	A	Monoethylamine	[1000]
74895	A	Monomethylamine	[1000]
60344	AB C	Monomethylhydrazine	DL(P)
76470	AB 10	Muriatic acid	(v)
27639	AB 64 C	Muscimol	DL(P)
50560	BC 2	Mustard gas	[25]
16158	AC 01	N,N'-Diethylhydrazine	[100]
49403	AC 1	N,N-Bis(2-chloroethyl)- naphthylamine	[1000]
10792	A 6	n-Butanoic acid	[1000]
12386	A 4	n-Butyl acetate	[1000]
71363	A	n-Butyl alcohol	DL/.54
10973	A 9	n-Butylamine	[1000]
75973	AC 9	N-Nitroso-N-ethylurea	DL
68493	AC 5	N-Nitroso-N-methylurea	[25]
61553	AC	N-Nitroso-N-methylurethane	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
2			
92416	AC	N-Nitrosodi-n-butylamine	DL/.40
3			
62164	AC	N-Nitrosodi-n-propylamine	1.71
7			
11165	AC	N-Nitrosodiethanolamine	4.27
47			
55185	AC	N-Nitrosodiethylamine	DL/.014
62759	AB	N-Nitrosodimethylamine	0.66
C			
86306	A	N-Nitrosodiphenylamine	6.46
10595	C	N-Nitrosomethylethylamine	DL
956			
45494	AC	N-Nitrosomethylvinylamine	DL(P)
00			
59892	C	N-Nitrosomorpholine	[25]
16543	C	N-Nitrosornicotine	[25]
558			
10075	AC	N-Nitrosopiperidine	[100]
4			
93055	AC	N-Nitrosopyrrolidine	DL/.14
2			
13256	C	N-Nitrososarcosine	[25]
229			
12239	C	N-Phenylbenzeneamin	[25]
4			
10385	AB	N-Phenylthiourea	DL(P)
5	C		
10710	AC	n-Propylamine	[1000]
8			
30076	A	Naled	[100]
5			

CAS #	Source	Regulated Substances	NC (mg/kg)
91203	AC	Naphthalene	100.00
91587	AC	Naphthalene, 2-chloro-	25.00
13382	A	Naphthenic acid	[1000]
45			
12125	A	Neutral ammonium fluoride	[1000]
018			
72571	AC	Niagara blue	[100]
74400	AC	Nickel	420.00
20			
77185	A	Nickel (II) chloride	(k)
49			
55719	AC	Nickel (II) cyanide	(r)
7			
15699	A	Nickel ammonium sulfate	(k)
180			
13463	AB	Nickel carbonyl	(k)
393	C		
37211	A	Nickel chloride	(k)
055			
-	AC	Nickel compounds, N.O.S.	(k)
99191			
12054	A	Nickel hydroxide	(k)
487			
14216	A	Nickel nitrate	(k)
752			
77868	A	Nickel sulfate	(k)
14			
13463	AB	Nickel tetracarbonyl	(k)
393	C		
77185	A	Nickelous chloride	(k)
49			
54115	AB	Nicotine	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
	C		
99192	- C	Nicotine salts	[25]
65305	B	Nicotine Sulfate	[25]
76973	AB	Nitric acid	(v)
72			
77875	A	Nitric acid, beryllium salt, trihydrate	(d)
55			
77828	A	Nitric acid, mercury(1+) salt, monohydrate	(j)
67			
77618	A	Nitric acid, silver (1+) salt	(m)
88			
10102	AC	Nitric acid, thallium (1+) salt	(n)
451			
10102	AC	Nitric oxide	DL(P)
439			
98953	AB	Nitrobenzene	0.70
	C		
11226	B	Nitrocyclohexane	[25]
07			
10102	AB	Nitrogen dioxide (NO <sub>2</sub> )	DL(P)
440	C		
10544	A	Nitrogen dioxide, di-	[100]
726			
51752	C	Nitrogen mustard	[25]
12685	C	Nitrogen mustard N-oxide	[25]
2			
99194	- C	Nitrogen mustard, hydrochloride salt	[25]
99193	- C	Nitrogen mustard, N-oxide, hydrochloride salt	[25]
10544	A	Nitrogen oxide	[100]

CAS #	Source	Regulated Substances	NC (mg/kg)
726			
10102 AB 439 C		Nitrogen oxide (NO)	DL(P)
10102 AB 440 C		Nitrogen oxide (NO <sub>2</sub> )	DL(P)
10102 AB 440 C		Nitrogen peroxide	DL(P)
10102 AB 439 C		Nitrogen(II) oxide	DL(P)
55630 AC		Nitroglycerin	DL(P)
25154 A 556		Nitrophenols	[1000]
- AC 99326		Nitrosamines, N.O.S.	[25]
13211 A 26		Nitrotoluene	[1000]
99142 B 4		Norbormide	[25]
12668 C 1		O,O,O-Triethyl phosphorothioate	[25]
29797 AB 2 C		O,O-Diethyl-O-(2-pyrazinyl)phosphorothioate	DL(P)
95487 AB		o-Cresol	3.80
95487 AB		o-Cresylic acid	3.80
95501 AC		o-Dichlorobenzene	25.00
52829 A 0		o-Dinitrobenzene	205.10
88755 A		o-Nitrophenol	[1000]
88722 A		o-Nitrotoluene	[1000]
11993 AC 7		o-Tolidine	1.30

CAS #	Source	Regulated Substances	NC (mg/kg)
95534	AC	o-Toluidine	49.85
63621	AC	o-Toluidine hydrochloride	[1000]
5			
95476	A	o-Xylene	20.00
15216	AB	Octamethylpyrophosphoramidate	DL(P)
9	C		
23123	A	Omite	[100]
58			
77783	AC	Orthoarsenic acid	(a)
94			
76643	A	Orthophosphoric acid	(v)
82			
20816	AC	Osmic acid anhydride	DL(P)
120			
20816	AC	Osmium oxide (OsO <sub>4</sub> ), (T-4)-	DL(P)
120			
20816	AC	Osmium tetroxide	DL(P)
120			
63060	B	Ouabain	[25]
4			
11000	AB	Oxacyclopentadiene	512.74
9			
29446	A	Oxalic acid, ammonium iron (3+) salt (3:3:1)	[1000]
74			
14258	A	Oxalic acid, ammonium salt	[1000]
492			
23135	B	Oxamyl	10.00
220			
78717	B	Oxetane, 3,3-Bis(Chloromethyl)-	[25]
75218	AB	Oxirane	11.73
C			

CAS #	Source	Regulated Substances	NC (mg/kg)
10689	AB 8 C	Oxirane, (chloromethyl)	DL/.003
76534	AC 4	Oxiranecarboxyaldehyde	DL/.07
24970	B 76	Oxydisulfoton	[25]
10028	B 156	Ozone	§
10651	AC 4	p-Benzoquinone	[100]
59507	AC	p-Chloro-m-cresol	13.20
10647	AC 8	p-Chloroaniline	DL(P)
10644	A 5	p-Cresol	3.80
10646	AC 7	p-Dichlorobenzene	6.84
60117	AC	p-Dimethylaminoazobenzene	[100]
10025	A 4	p-Dinitrobenzene	205.10
12391	AC 1	p-Dioxane	DL/.13
10001	AC 6	p-Nitroaniline	DL(P)
10002	AC 7	p-Nitrophenol	3.30
99990	A	p-Nitrotoluene	1.12
10650	A 3	p-Phenylenediamine	[25]
10649	AC 0	p-Toluidine	62.97
10642	A	p-Xylene	20.00

CAS #	Source	Regulated Substances	NC (mg/kg)
3			
30525	A 894	Paraform	[1000]
30525	A 894	Paraformaldehyde	[1000]
12363	AC 7	Paraldehyde	[1000]
31145	AC 5	Paraoxon	DL(P)
19104	B 25	Paraquat	10.00
20745	B 02	Paraquat Methosulfate	10.00
56382	AB C	Parathion	DL(P)
56382	AB C	Parathion-ethyl	DL(P)
29800	AB 0 C	Parathion-methyl	DL(P)
12002	AB 038	Paris green	(a)
12674	A 112	PCB-1016	(s)
11104	A 282	PCB-1221	(s)
11141	A 165	PCB-1232	(s)
53469	A 219	PCB-1242	(s)
12672	A 296	PCB-1248	(s)
11097	A 691	PCB-1254	(s)

CAS #	Source	Regulated Substances	NC (mg/kg)
11096	A	PCB-1260	(s)
825			
13363	A	PCBs	1.55
63			
82688	AC	PCNB	1/BG
87865	AC	PCP	3.30
19624	B	Pentaborane	[25]
227			
60893	AC	Pentachlorobenzene	25.00
5			
	- C	Pentachlorodibenzo-p-dioxins	(t(0.5))
99195			
	- C	Pentachlorodibenzofurans	(t(0.5))
99196			
76017	AC	Pentachloroethane	5.37
82688	AC	Pentachloronitrobenzene	1/BG
87865	AC	Pentachlorophenol	3.30
25702	B	Pentadecylamine	[25]
65			
77582	A	Pentasodium triphosphate	[1000]
94			
79210	B	Peracetic Acid	[25]
77474	AB	Perchlorocyclopentadiene	15.20
C			
12718	AC	Perchloroethylene	0.18
4			
56235	AC	Perchloromethane	0.17
59442	AB	Perchloromethylmercaptan	[1000]
3			
62442	AC	Phenacetin	[1000]
85018	A	Phenanthrene	110.00

CAS #	Source	Regulated Substances	NC (mg/kg)
10895	AB 2 C	Phenol	50.00
70304	AC	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	25.00
15950	A	Phenol, 2,3,4-trichloro-660	[100]
93378	A	Phenol, 2,3,5-trichloro-8	25.00
93375	A	Phenol, 2,3,6-trichloro-5	10.05
95954	AC	Phenol, 2,4,5-trichloro-	4.56
88062	AC	Phenol, 2,4,6-trichloro-	0.66
13174	A 8	Phenol, 2,4,6-Trinitro-, ammonium salt	DL(P)
12083	AC 2	Phenol, 2,4-dichloro-	0.96
10567	AC 9	Phenol, 2,4-dimethyl-	1.51
51285	AC	Phenol, 2,4-dinitro	3.30
87650	AC	Phenol, 2,6-dichloro-	[1000]
88857	AB C	Phenol, 2-(1-methylpropyl)-4,6-dinitro-	0.66
13189	AC 5	Phenol, 2-cyclohexyl-4,6-dinitro-	DL(P)
53452	AB 1 C	Phenol, 2-methyl-4,6-dinitro-	DL(P)
88755	A	Phenol, 2-nitro-	[1000]
60919	A 8	Phenol, 3,4,5-trichloro-	19.60
64006	B	Phenol, 3-(1-Methylethyl)-, methylcarbamate	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
10839	A	Phenol, 3-methyl-4	3.80
31518	AB	Phenol, 4-(di-methylamino)-3,5-dimethyl, methylcarbamate (ester)	10.00
10644	A	Phenol, 4-methyl-5	3.80
10002	AC	Phenol, 4-nitro-7	3.30
13197	AC	Phenol, methyl-73	3.80
87865	AC	Phenol, pentachloro-	3.30
25167	A	Phenol, trichloro- (N.O.S)	[100]
822			
44186	B	Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)-60	[25]
58366	B	Phenoxarsine, 10,10'-Oxydi-	(a)
12209	AC	Phentermine	DL(P)
8			
10047	A	Phenyl cyanide	DL/.17
0			
10898	AB	Phenyl mercaptan	DL(P)
5	C		
62533	AB	Phenylamine	DL/.038
C			
69628	AB	Phenyldichloroarsine	(a)
6	C		
25265	C	Phenylenediamine	[25]
763			
10041	A	Phenylethane	20.00
4			

CAS #	Source	Regulated Substances	NC (mg/kg)
10042	A 5	Phenylethylene	14.00
59881	B	Phenylhydrazine Hydrochloride	[25]
62384	AB C	Phenylmercuric acetate	DL/.024
20971	B 90	Phenylsilatrane	[25]
10385	AB 5 C	Phenylthiocarbamide	DL(P)
29802	AB 2 C	Phorate	DL(P)
62442	AC	Phoracetim	[1000]
41041	B 47	Phosacetim	[25]
94702	B 4	Phosfolan	[25]
75445	AB C	Phosgene	DL(P)
73211	B 6	Phosmet	[25]
13171	B 216	Phosphamidon	[25]
78035	AB 12 C	Phosphine	DL(P)
50782	B 699	Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino) O-ethyl ester	[25]
26653	B 07	Phosphonothioic acid, methyl-, ,O-(4-nitrophenyl) O-phenyl ester	[25]
27031	B 31	Phosphonothioic acid, methyl-, ,O-ethyl O-(4-	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
		(methylthio)phenyl) ester	
76643	A	Phosphoric acid	(v)
82			
30076	A	Phosphoric acid, 1,2-dibromo-2,2-dichloroethyl dimethyl ester	[100]
5			
62737	AB	Phosphoric acid, 2,2-dichlorovinyl dimethyl ester	1/BG
31145	AC	Phosphoric acid, diethyl-4-nitrophenyl ester	DL(P)
5			
32546	B	Phosphoric acid, dimethyl 4-(methylthio phenyl) ester	[25]
35			
75587	A	Phosphoric acid, disodium salt	[1000]
94			
10039	A	Phosphoric acid, disodium salt, dodecahydrate	[1000]
324			
10140	A	Phosphoric acid, disodium salt, hydrate	[1000]
655			
74462	AC	Phosphoric acid, lead (2+) salt	(i)
77			
76015	A	Phosphoric acid, trisodium salt	[1000]
49			
10361	A	Phosphoric acid, trisodium salt, decahydrate	[1000]
894			
10101	A	Phosphoric acid, trisodium salt, dodecahydrate	[1000]
890			
21046	B	Phosphorodithioic acid, phenyl-o-ethyl-o-(...	[25]
45			
32885	AC	Phosphorodithioic acid, O,O-diethyl S-methyl ester	[1000]
82			
29802	AB	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio) methyl] ester	DL(P)
2 C			
29804	AB	Phosphorodithioic acid, O,O-	DL(P)

CAS #	Source	Regulated Substances	NC (mg/kg)
4	C	diethyl S-[2-(ethylthio) ethyl ester	
55914	AB C	Phosphorofluoridic acid, bis(1-methylethyl)ester	DL(P)
29797	AB 2 C	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	DL(P)
29800	AB 0 C	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	DL(P)
25879	AB 08 C	Phosphorothioic acid, O,O-dimethyl-S(2-methylthio) ethyl ester	[25]
77191	AB 22	Phosphorus chloride	[1000]
10025	AB 873	Phosphorus oxychloride	[1000]
10026	B 138	Phosphorus Pentachloride	[25]
13148	A 03	Phosphorus pentasulfide	[1000]
13145	B 63	Phosphorus Pentoxide	[25]
13148	A 03	Phosphorus persulfide	[1000]
13148	A 03	Phosphorus sulfide	[1000]
77191	AB 22	Phosphorus trichloride	[1000]
77231	AB 40	Phosphorus, elemental	10.25
10025	AB 873	Phosphoryl chloride	[1000]
12175	A	Phosphothion	1/BG

CAS #	Source	Regulated Substances	NC (mg/kg)
5			
99197	- AC	Phthalic acid esters, N.O.S.	[25]
85449	AC	Phthalic anhydride	[1000]
11780	A	Phygon	[25]
6			
57476	B	Physostigmine	[25]
57647	B	Physostigmine, Salicylate (1:1)	[25]
12487	B	Picrotoxin	[25]
8			
11089	B	Piperidine	[25]
4			
10075	AC	Piperidine, 1-Nitroso-	[100]
4			
23505	B	Pirimifos-Ethyl	[25]
411			
13363	AC	Polychlorinated biphenyls, N.O.S.	(s)
63			
13049	A	Polynuclear aromatic hydrocarbons	5.00
8292			
30525	A	Polyoxymethylene	[1000]
894			
53467	A	Poly[oxy(methyl-1,2-ethanediyl)] alpha-[2,4-dichloro-phenoxy)acetyl]-n-butoxy-	[25]
111			
28300	A	Potassium antimony d-tartrate	(b)
745			
77844	A	Potassium arsenate	(a)
10			
10124	AB	Potassium arsenite	(a)
502			

CAS #	Source	Regulated Substances	NC (mg/kg)
77785	A	Potassium bichromate	(f)
09			
77890	A	Potassium chromate	(f)
06			
15150	AB	Potassium cyanide	(r)
8	C		
77785	A	Potassium dichromate	(f)
09			
13105	A	Potassium hydrate	(v)
83			
13105	A	Potassium hydroxide	(v)
83			
10124	AB	Potassium metaarsenite	(a)
502			
77226	A	Potassium permanganate	[1000]
47			
50661	AB	Potassium silver cyanide	(r)
6	C		
26313	B	Promecarb	[25]
70			
23950	AC	Pronamide	[1000]
585			
23123	A	Prop-2-ynyl 2-(4-tert-butylphenoxy) sulfite	[100]
58			
96184	C	Propane, 1,2,3-trichloro-	0.54
10860	AC	Propane, 2,2'-oxybis[1-chloro-	170.91
1			
10977	AB	Propanedinitrile	10.25
3	C		
10712	AB	Propanenitrile	DL(P)
0	C		
75865	AB	Propanenitrile, 2-hydroxy-2-methyl-	§
C			

CAS #	Source	Regulated Substances	NC (mg/kg)
54276	AB 7 C	Propanenitrile, 3-chloro-	DL(P)
79094	A	Propanoic acid	[1000]
12362	A 6	Propanoic anhydride	[1000]
23123	A 58	Propargite	[100]
10719	AC 7	Propargyl alcohol	DL(P)
10696	B 7	Propargyl Bromide	[25]
75569	AB	Propene oxide	[1000]
54275	AC 6	Propene, 1,3-dichloro-	0.20
57578	B	Propiolactone, Beta-	[25]
79094	A	Propionic acid	[1000]
12362	A 6	Propionic anhydride	[1000]
10712	AB 0 C	Propionitrile	DL(P)
70699	B	Propiophenone, 4-Amino-	[25]
10961	B 5	Propyl Chloroformate	[25]
41703	AB 03 C	Propylene aldehyde	[1000]
26638	AC 197	Propylene dichloride	[1000]
78875	AC	Propylene dichloride	0.02
75569	AB	Propylene oxide	[1000]
51525	C	Propylthiouracil	[25]
22751	B	Prothoate	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
85			
74908	ABC	Prussic acid	(r)
12900	AB0	Pyrene	500.00
12121	A1	Pyrethrin I	10.00
12129	A9	Pyrethrin II	10.00
80033	A47	Pyrethrins and Pyrethroids	10.00
80033	A47	Pyrethrum	10.00
12121	A1	Pyrethrum I	10.00
11086	AC1	Pyridine	DL/.038
10906	AC8	Pyridine, 2-methyl-	[1000]
14076	B1	Pyridine, 2-Methyl-5-Vinyl-	[25]
91805	AC	Pyridine, 2-[(2-(dimethylamino)ethyl)-2-thienylamino]-	[1000]
50424	AB5C	Pyridine, 4-amino-	DL(P)
11243	B30	Pyridine, 4-Nitro-, 1-Oxide	[25]
10075	AC4	Pyridine, hexahydro-N-nitroso-	[100]
53558	B251	Pyriminil	[25]
98011	A	Pyromucic aldehyde	DL/.012

CAS #	Source	Regulated Substances	NC (mg/kg)
10749	AB 3 C	Pyrophosphoric acid, tetraethyl ester	DL(P)
80149	A 57	Pyrosulfuric acid	(v)
93055	AC 2	Pyrrole, tetrahydro-N-nitroso-	DL/.14
93055	AC 2	Pyrrolidine, 1-nitroso-	DL/.14
91225	A	Quinoline	DL/.51
10651	AC 4	Quinone	[100]
82688	AC	Quintozene	1/BG
99198	- A	Radionuclides	(y)
77231	AB 40	Red phosphorus	10.25
50555	AC	Reserpine	[1000]
10846	AC 3	Resorcin	DL/.030
10846	AC 3	Resorcinol	DL/.030
23031	AC 64	S-(2,3-Dichloroallyl) diisopropyl-thiocarbamate	196.13
81072	AC	Saccharin (and salts)	§
94597	AC	Safrole	[1000]
14167	B 181	Salcomine	[25]
10744	B 8	Sarin	[25]
62638	A 0	sec-Amyl acetate	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
94791	A	sec-Butyl dichlorophenoxyacetate	2,4- [1000]
10546	A 4	sec-Butyl acetate	[1000]
13952	A 846	sec-Butylamine	[1000]
51349	A 5	sec-Butylamine, (S)-	[1000]
77830	AB 08 C	Selenious acid (H <sub>2</sub> SeO <sub>3</sub> )	(L)
10102	AB 188	Selenious acid (H <sub>2</sub> SeO <sub>3</sub> ), disodium salt	(L)
12039	AC 520	Selenious acid, dithallium(1+) salt	DL(P)
77828	A 23	Selenious acid, monosodium salt	(L)
77824	AC 92	Selenium	36.00
99199	- AC	Selenium compounds, N.O.S.	(L)
74460	A 84	Selenium dioxide	(L)
74885	AC 64	Selenium disulfide	(L)
74460	A 84	Selenium oxide	(L)
77912	B 33	Selenium Oxychloride	(L)
63010	AC 4	Selenourea	DL(P)
77830	AB 08 C	Selenous acid	(L)
56341	B	Semicarbazide Hydrochloride	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
7			
63252	A	Sevin	1/BG
30377	B	Silane, (4-Aminobutyl)	[25]
27		Diethoxymethyl-	
74402	AC	Silver	10/BG
24			
	- AC	Silver compounds, N.O.S.	(m)
99200			
50664	AC	Silver cyanide (AgCN))	(r)
9			
77618	A	Silver nitrate	(m)
88			
93721	AC	Silvex	10.00
13107	A	Soda lye	(v)
32			
74402	A	Sodium (elemental)	§
35			
76319	A	Sodium acid sulfite	[1000]
05			
76318	AB	Sodium arsenate	(a)
92			
77844	AB	Sodium arsenite	(a)
65			
26628	AB	Sodium azide (Na(N <sub>3</sub> ))	DL(P)
228			
10588	A	Sodium bichromate	(f)
019			
13338	A	Sodium bifluoride	[1000]
31			
76319	A	Sodium bisulfite	[1000]
05			
12465	B	Sodium cacodylate	(a)

CAS #	Source	Regulated Substances	NC (mg/kg)
2			
77751	A 13	Sodium chromate	(f)
14333	AB 9 C	Sodium cyanide (NaCN)	(r)
10588	A 019	Sodium dichromate	(f)
25155	A 300	Sodium dodecylbenzene sulfonate	[1000]
76814	A 94	Sodium fluoride	[1000]
62748	AB C	Sodium fluoroacetate	DL(P)
10124	A 568	Sodium hexametaphosphate	[1000]
16721	A 805	Sodium hydrogen sulfide	[1000]
76319	A 05	Sodium hydrogen sulfite	[1000]
16721	A 805	Sodium hydrosulfide	[1000]
13107	A 32	Sodium hydroxide	(v)
76815	A 29	Sodium hypochlorite	[1000]
10022	A 705	Sodium hypochlorite pentahydrate	[1000]
77844	AB 65	Sodium metaarsenite	(a)
12441	A 4	Sodium methoxide	[1000]
12441	A 4	Sodium methylate	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
76320	A	Sodium nitrite	[1000]
00			
10101	A	Sodium phosphate	[1000]
890		dodecahydrate	
75587	A	Sodium phosphate, dibasic	[1000]
94			
10039	A	Sodium phosphate, dibasic,	[1000]
324		dodecahydrate	
10140	A	Sodium phosphate, dibasic,	[1000]
655		hydrate	
76015	A	Sodium phosphate, tribasic	[1000]
49			
77582	A	Sodium phosphate, tribasic	[1000]
94			
10124	A	Sodium phosphate, tribasic	[1000]
568			
77858	A	Sodium phosphate, tribasic	[1000]
44			
10101	A	Sodium phosphate, tribasic,	[1000]
890		dodecahydrate	
13410	B	Sodium Selenate	(L)
010			
10102	AB	Sodium selenite, disodium salt	(L)
188			
77828	A	Sodium selenite, monosodium	(L)
23		salt	
10102	B	Sodium Tellurite	[25]
202			
77858	A	Sodium trimetaphosphate	[1000]
44			
77582	A	Sodium tripolyphosphate	[1000]
94			
90095	B	Stannane, Acetoxytriphenyl-	[25]

CAS #	Source	Regulated Substances		NC (mg/kg)
8				
56531	AC	Stilbestrol		DL
18883	AC	Streptozocin		[25]
664				
18883	AC	Streptozotocin		[25]
664				
77890	A	Strontium chromate		(f)
62				
57249	AB	Strychnidin-10-one		DL(P)
C				
35757	AC	Strychnidin-10-one,	2,3-	DL(P)
3		dimethoxy-		
57249	AB	Strychnine and salts		DL(P)
C				
60413	B	Strychnine sulfate		[25]
10042	A	Styrene		14.00
5				
77730	A	Sulfamic acid monoammonium		[1000]
60		salt		
36892	AB	Sulfotepp		DL(P)
45	C			
35695	B	Sulfoxide, 3-chloropropyl Octyl		[25]
71				
12771	A	Sulfur chloride		[1000]
083				
74460	B	Sulfur Dioxide		(v)
95				
77830	AB	Sulfur hydride		[1000]
64	C			
12771	A	Sulfur monochloride		[1000]
083				
13148	A	Sulfur phosphide		[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
03			
74885	AC	Sulfur selenide	(L)
64			
77836	B	Sulfur Tetrafluoride	[25]
00			
74461	B	Sulfur Trioxide	(v)
19			
76649	AB	Sulfuric acid	(v)
39			
74461	AB	Sulfuric acid, dithallium (1+)	(n)
86	C	salt	
77826	A	Sulfuric acid, iron (2+) salt	[1000]
30		(1:1), heptahydrate	
74461	A	Sulfuric acid, lead (2+) salt	(i)
42		(1:1)	
80149	A	Sulfuric acid, mixture with	(v)
57		sulfur trioxide	
10031	AB	Sulfuric acid, thallium (I) salt	(n)
591			
77909	A	Sulfuric chlorohydrin	[1000]
45			
12175	A	Sumitox	1/BG
5			
99354	AC	sym-Trinitobenzene	DL/.07
77816	B	Tabun	[25]
14307	A	Tartaric acid ammonium salt	[1000]
438			
17460	AC	TCDD, 2,3,7,8-	8.00E-05
16			
79016	AC	TCE	0.13
72548	AC	TDE	0.66

CAS #	Source	Regulated Substances	NC (mg/kg)
13494	B	Tellurium	[25]
809			
77838	B	Tellurium Hexafluoride	[25]
04			
11606	AB	Temik	DL(P)
3	C		
10749	AB	TEPP	DL(P)
3	C		
13071	B	Terbufos	12.82
799			
82688	AC	Terraclor	1/BG
62516	A	tert-Amyl acetate	[1000]
1			
54088	A	tert-Butyl acetate	[1000]
5			
75649	A	tert-Butylamine	[1000]
	- C	Tetrachlorodibenzo-p-dioxins	(t)
99201			
	- C	Tetrachlorodibenzofurans	(t(0.1))
99202			
72548	AC	Tetrachlorodiphenylethane	0.66
25322	C	Tetrachloroethane, N.O.S.	[1000]
207			
12718	AC	Tetrachloroethene	0.18
4			
12718	AC	Tetrachloethylene	0.18
4			
56235	AC	Tetrachloromethane	0.17
36892	AB	Tetraethyldithiopyrophosphate	DL(P)
45	C		
78002	AB	Tetraethyllead	DL(P)
	C		

CAS #	Source	Regulated Substances	NC (mg/kg)
10749	AB 3 C	Tetraethylpyrophosphate	DL(P)
59764	B 8	Tetraethyltin	[25]
10999	A 9	Tetrahydrofuran	DL/.014
75741	B	Tetramethyllead	(i)
50914	AB 8 C	Tetranitromethane	DL(P)
75758	AC 4	Tetraphosphoric acid, hexaethyl ester	DL(P)
13143	AC 25	Thallic oxide (Tl <sub>2</sub> O <sub>3</sub> )	(n)
74402	AC 80	Thallium	10/BG
56368	AC 8	Thallium (I) acetate	(n)
65337	AB 39 C	Thallium (I) carbonate	(n)
77911	AB 20 C	Thallium (I) chloride	(n)
10102	AC 451	Thallium (I) nitrate	(n)
74461	AB 86 C	Thallium (I) sulfate	(n)
13143	AC 25	Thallium (III) oxide	DL(P)
-	AC 99203	Thallium compounds, N.O.S.	(n)
12039	AC 520	Thallium selenite	DL(P)
10031	AB 591	Thallium sulfate	(n)

CAS #	Source	Regulated Substances	NC (mg/kg)
12039	AC 520	Thallium (I) selenide	DL(P)
77911	AB 20 C	Thallos chloride	(n)
27571	B 88	Thallos Malonate	(n)
10031	AB 591	Thallos sulfate	(n)
74461	AB 86 C	Thallos sulfate	(n)
29802	AB 2 C	Thimet	DL(P)
62555	AC	Thioacetamide	[100]
22315	B 74	Thiocarbazide	[25]
17629	A 54	Thiocyanic acid ammonium salt	[1000]
11529	AB 7 C	Thiodan	3.30
39196	AB 184 C	Thiofanox	DL(P)
54153	AB 7 C	Thiomidocarbonic diamide	DL(P)
74931	AB C	Thiomethanol	[1000]
29797	AB 2 C	Thionazin	DL(P)
13726	AC 8	Thioperoxydicarbon diamide, tetramethyl	10.00
10898	AB 5 C	Thiophenol	DL(P)
13148	A 03	Thiophosphoric anhydride	[1000]

CAS #	Source	Regulated Substances	NC (mg/kg)
36892	AB 45 C	Thiopyrophosphoric acid ([(HO)2P(S)]2O), tetraethyl	DL(P)
79196	AB C	Thiosemicarbazide	DL(P)
62566	AC	Thiourea	[100]
53448	AB 21 C	Thiourea, (2-chlorophenyl)-	DL(P)
61478	B 8	Thiourea, (2-Methylphenyl)-	[25]
86884	AB C	Thiourea, 1-naphthalenyl-	DL(P)
10385	AB 5 C	Thiourea, phenyl-	DL(P)
13726	AC 8	Thiram	10.00
13726	AC 8	Thiuram	10.00
75504	B 50	Titanium Tetrachloride	[25]
75503	A	TMA	[1000]
50914	AB 8 C	TNM	DL(P)
10888	AC 3	Toluene	14.40
91087	AB	Toluene diisocyanate	[1000]
95807	AC	Toluene, 2,4-diamino-	3.74
26471	AC 625	Toluene-1,3-diisocyanate	[1000]
58484	AB 9	Toluene-2,4-diisocyanate	[1000]
25376	AC 458	Toluenediamine	[100]

CAS #	Source	Regulated Substances	NC (mg/kg)
80013	AB 52 C	Toxaphene	10.88
57749	AB C	Toxichlor	9.20
15660	AC 5	trans-1,2-Dichloroethene	0.53
11017	A 8	trans 1,2-Ethylenedicarboxylic acid	[1000]
11057	B 6	trans-1,4-Dichlorobutene	[25]
10314	B 76	Triamiphos	[25]
24017	B 478	Triazofos	[25]
75252	AC	Tribromomethane	1.00
77784	AB 41	Tricalcium orthoarsenate	(a)
52686	A	Trichlorfon	10.00
15582	B 54	Trichloro(Chloromethyl)Silane	[25]
27137	B 855	Trichloro(Dischlorophenyl)Silane	[25]
75876	AC	Trichloroacetaldehyde	[1000]
76028	B	Trichloroacetyl Chloride	[25]
79016	AC	Trichloroethene	0.13
79016	AC	Trichloroethylene	0.13
11521	B 9	Trichloroethylsilane	[25]
75694	AC	Trichlorofluoromethane	0.70
67663	AB C	Trichloromethane	0.68

CAS #	Source	Regulated Substances	NC (mg/kg)
59442	AB3	Trichloromethanesulfonyl chloride	[1000]
75707	C	Trichloromethanethiol	DL(P)
32798	B0	Trichloronate	[25]
25167	A822	Trichlorophenol, N.O.S.	[100]
98135	B	Trichlorophenylsilane	[25]
25735	C299	Trichloropropane, N.O.S.	[25]
27323	A417	Triethanolamine dodecylbenzenesulfonate	[1000]
99830	B1	Triethoxysilane	[25]
12144	A8	Triethylamine	[1000]
75503	A	Trimethylamine	[1000]
75774	B	Trimethylchlorosilane	[25]
82411	B3	Trimethylolpropane Phosphite	[25]
10664	B51	Trimethyltin Chloride	[25]
63958	B7	Triphenyltin Chloride	[25]
77582	A94	Triphosphoric pentasodium salt	acid, [1000]
52244	C	Tris(1-aziridinyl)phosphine sulfide	[25]
12672	AC7	Tris(2, dibromopropyl)phosphate	3- 25.00
55577	B1	Tris(2-Chloroethyl) Amine	[25]

CAS #	Source	Regulated Substances	NC (mg/kg)
76015	A 49	Trisodium phosphate	[1000]
10361	A 894	Trisodium phosphate decahydrate	[1000]
77858	A 44	Trisodium trimetaphosphate	[1000]
72571	AC	Trypan blue	[100]
57147	AB C	UDMH	4.60
66751	AC	Uracil mustard	[100]
66751	AC	Uracil, 5-[bis(2-chloroethyl)amino]-	[100]
36478	A 769	Uranium, bis(nitrato-O,O')dioxo-	[1000]
54109	A 3	Uranyl acetate	[1000]
10102	A 064	Uranyl nitrate	[1000]
36478	A 769	Uranyl nitrate, 1,1'-dioxo-	[1000]
75973	AC 9	Urea, N-ethyl-N-nitroso-	DL
68493	AC 5	Urea, N-methyl-N-nitroso-	[25]
51796	AC	Urethane	[1000]
20019	B 58	Valinomycin	[25]
13146	AB 21 C	Vanadic acid anhydride	(p)
78035	AC 56	Vanadic acid, ammonium salt	(p)
13146	AB	Vanadic anhydride	(p)

CAS #	Source	Regulated Substances	NC (mg/kg)
21	C		
27774	A 136	Vanadic sulfate	(p)
13146	AB 21 C	Vanadium oxide (V <sub>2</sub> O <sub>5</sub> )	(p)
13146	AB 21 C	Vanadium pentoxide	(p)
27774	A 136	Vanadium sulfate	(p)
- 99000		Vanadium (reference only, not a regulated substance)	100/BG
27774	A 136	Vanadyl sulfate	(p)
76814	A 94	Villaumite	[1000]
10805	AB 4	Vinyl acetate	0.51
10718	AB 6 C	Vinyl carbinol	DL(P)
75014	AC	Vinyl chloride	0.04
10713	AB 1 C	Vinyl cyanide	1.37
45494	AC 00	Vinylamine, N-methyl-N-nitroso-	DL(P)
10042	A 5	Vinylbenzene	14.00
75354	AC	Vinylidene chloride	0.36
77231	AB 40	Violet phosphorus	10.25
81812	AB C	Warfarin and salts	DL(P)
12906	B	Warfarin Sodium	10.00

CAS #	Source	Regulated Substances	NC (mg/kg)
6			
77231	AB 40	White phosphorus	10.25
13302	A 07	Xylene (total)	20.00
13302	A 07	Xylenes	20.00
13007	A 16	Xylenol	307.64
28347	B 139	Xylylene Dichloride	[25]
13033	A 39	Yellow arsenic sulfide	(a)
77231	AB 40	Yellow phosphorus	10.25
74406	A 66	Zinc	2800.00
55734	A 6	Zinc acetate	(q)
14639	A 986	Zinc ammonium chloride	(q)
14639	A 975	Zinc ammonium chloride	(q)
52628	A 258	Zinc ammonium chloride	(q)
99206	- A	Zinc and compounds	(q)
13320	A 76	Zinc borate	(q)
76994	A 58	Zinc bromide	(q)
34863	A 59	Zinc carbonate	(q)

CAS #	Source	Regulated Substances	NC (mg/kg)
76468	A	Zinc chloride	(q)
57			
55721	AC	Zinc cyanide	(r)
1			
77834	A	Zinc fluoride	(q)
95			
16871	A	Zinc fluosilicate	(q)
719			
55741	A	Zinc formate	(q)
5			
77798	A	Zinc hydrosulfite	(q)
64			
77798	A	Zinc nitrate	(q)
86			
12782	A	Zinc p-phenolsulfonate	(q)
2			
13148	AB	Zinc phosphide (Zn <sub>3</sub> P <sub>2</sub> )	DL(P)
47	C		
16871	A	Zinc silicofluoride	(q)
719			
77330	A	Zinc sulfate	(q)
20			
12782	A	Zinc sulfocarbolate	(q)
2			
77330	A	Zinc vitriol	(q)
20			
58270	B	Zinc, dichloro (4,4-dimethyl-5(((methylamino)carbonyl)oxy)imino)pentanenitrile)-, (T-4)-.	[25]
089			
14639	A	Zincate(2-), tetrachloro, diammonium, (T-4)-	(q)
975			
14639	A	Zincate(3-), pentachloro,	(q)

CAS #	Source	Regulated Substances	NC (mg/kg)
986		triammonium	
29797	AB 2 C	Zinophos	DL(P)
13746	A 899	Zirconium nitrate	[1000]
16923	A 958	Zirconium potassium fluoride	[1000]
14644	A 612	Zirconium sulfate	[1000]
10026	A 116	Zirconium tetrachloride	[1000]

LEGEND:

- aE-b* Scientific notation for a number, e.g. “4E-5” means  $4 \times 10^{-5}$ , which equals 0.00004.
- [ ] Default value based on federal reportable quantities from Sources A and B.
- DL An NC for the substance shall be the detection limit as defined in this chapter.
- DL(P) An NC for the substance shall be the detection limit as defined in this chapter because the substance is elsewhere classified as an acute hazardous waste.
- DL/ The detection limit as defined in this chapter shall be an NC, unless the detection limit is lower than the number following the slash, in which case the numerical value shall supplant the detection limit as an NC.
- /BG The numerical value preceding the slash shall be an NC, unless the background concentration is greater, in which case the background value shall supplant the numerical value as an NC.
- § An NC for this substance has not been established either because a hazard of exposure to the substance is improbable from a contaminated soil context or because a hazard exists only the contexts covered by Rule 391-3-19-.04(3)(c).
- (a)-(q) Applicable NCs shall be the NC for the elemental form of each metal given below. For those substances which are compounds meeting more than one listing (e.g., lead arsenate) or which are not specifically listed in the table

but which are described by one or more general categories (e.g., mercuric dichromate → “mercury compounds, n.o.s.” and “chromium compounds, n.o.s.”), all applicable NCs must be considered.

- (a) arsenic 41 (mg/kg)
- (b) antimony 10/BG
- (c) barium 500/BG
- (d) beryllium 3/BG
- (e) cadmium 39
- (f) chromium 1200
- (g) cobalt 25/BG
- (h) copper 1500
- (i) lead 400
- (j) mercury 17
- (k) nickel 420
- (L) selenium 36
- (m) silver 10/BG
- (n) thallium 10/BG
- (p) vanadium 100/BG
- (q) zinc 2800
- (r) NCs shall be that for “Cyanides {CN<sup>-</sup> anion}” and that for any other applicable listing.
- (s) The NC for this substance shall be that given for “PCBs”.
- (t) The NC for this substance shall be the 2,3,7,8-TCDD Toxic Equivalent, which is the NC for 2,3,7,8-TCDD divided by the Toxic Equivalency Factor show in braces.
- (u) Releases shall be reported if the concentration of the substance in the soil is such that the soil meets the ignitability criteria of 40 CFR 261.21(a)(2).
- (v) Releases shall be reported if the concentration of this substance in the soil is such that the soil exhibits a pH less than 2 or greater than 12.5 respectively.

- (w) Releases shall be reported if a contaminated soil has any of the properties by which solid wastes are determined to exhibit the characteristic of reactivity in 40 CFR 261.23(a).
- (x) An NC shall be that for the substance in parentheses.
- (y) For radionuclides, releases shall be reported if the direct ionizing radiation (exposure rate), as measured one (1) meter above the soil surface, is greater than fifty (50) microroentgens per hour ( $\mu\text{R/hr}$ ) above the local background level, or the measured radionuclide concentration in soil is sufficient to deliver a dose to any individual of 25 millirem per year (mrem/yr) Committed Effective Dose Equivalent (CEDE) or 75 mrem/yr Committed Dose Equivalent (CDE) to any organ.
- (z) NCs for this hazardous waste shall be all NCs for each hazardous constituent which is a basis for listing the waste, as defined by 40 CFR Part 261 Appendix VII.

## **APPENDIX II**

### **REPORTABLE QUANTITIES SCREENING METHOD**

This Appendix describes the method that will be used by the Director to determine if a release exceeds a reportable quantity. If the Reportable Quantities Screening Method (RQSM) indicates that a release exceeds a reportable quantity, the property owner will be required to report the release in accordance with Rule 391-3-19-.05 and the site will be listed on the Hazardous Site Inventory.

Sites that exceed a threshold score for either or both of the two pathways are considered to have had a release that exceeds a reportable quantity. The threshold score for the “groundwater” pathway is 10.0 and the threshold score for the “on-site-exposure” pathway is 20.0.

GEORGIA ENVIRONMENTAL PROTECTION DIVISION  
 REPORTABLE QUANTITIES SCREENING METHOD  
 FOR

\_\_\_\_\_  
 (Name of Site)

\_\_\_\_\_  
 (City) (State)

SCORED BY: \_\_\_\_\_ ON:  
 \_\_\_\_\_

	<u>Threshold</u>	
GROUNDWATER PATHWAY SCORE ( )		10
ON-SITE PATHWAY SCORE ( )		20

GROUNDWATER

A. Has a release to groundwater occurred? Known Suspected Potential  
Future

(45) (10)

(5)

If A=45, then go to D

B. Route Characteristics

1b. Susceptibility Rating: Higher Average Lower

(6) (3) (0)

2b. Physical State: Stable Unstable Powder, Liquid,  
 Gas, Solid Solid Ash  
Sludge

(0) (1) (2) (3)

C. Containment: Very Good Good Fair Poor

(0) (1) (2) (3)

D. Release Characteristics

1d. Regulated Substance:

2d. Toxicity: None (0) Low (1) (2) (4) (8) (16) High

3d. Quantity: Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large

E. Targets

1e. Exposure to groundwater release:

- Known release  $\geq$  MCL, and known human exposure  $\geq$  MCL.....(25)
  - Known release  $\geq$  MCL, and suspected human exposure.....(20)
  - Known release, no MCL exists, and known human exposure.....(18)
  - Known release,  $\geq$  MCL, and known human exposure  $<$  MCL.....(15)
  - Known release, no MCL exists, and suspected human exposure.....(12)
  - Suspected release and human exposure suspected.....(8)
  - Known release  $\geq$  MCL, but no human exposure suspected.....(4)
  - Known release, no MCL exists, and no human exposure suspected.....(3)
  - Suspected release but no human exposure suspected.....(2)
  - Potential future release.....(1)
  - Known release less than MCL.....(0)
- (only one choice allowed)

2e. Distance to well or spring (miles):  $\leq 1/2$   $1/2$  to  $1$   $1$  to  $2$   $2$  to  $3$   $\geq 3$   
 (16) (9) (4) (1) (0)

THE GROUNDWATER PATHWAY SCORE ( $S_{gw}$ ) IS CALCULATED AS FOLLOWS:

$$S_{gw} = M \times (2d + 3d) \times (1e + 2e) / 442.8$$

Where:  $M = A + ((1b + 2b) \times C)$

If  $A = 45$  then  $M = 45$

If  $2d$  is unknown, then  $2d=4$

If  $3d$  is unknown, then  $3d=4$

If  $1e$  includes known or suspected human exposure,  $2e = 16$

If  $1e = 0$  then  $2e = 1$

Note: The denominator of 442.8 normalizes the groundwater

score to a value between 0 and 100.

ON-SITE EXPOSURE

A. Access to site: Inaccessible Limited Access Unlimited Access  
(0) (2) (4)

B. Has there been a release: Yes Suspected No  
(25) (15) (0)

C. Containment

Soil Releases: Very Good (0) (1) (2) (3) Poor (4) (5)  
or  
Aboveground releases: (0) (1) (2) (3)

D. Release Characteristics

1d. Regulated Substance:

---

2d. Toxicity: None (0) Low (1) (2) (4) (8) (16) High

3d. Quantity: Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large

E. Targets

1e. Distance (feet) to <300 301 to 1000 1001 to 3000 3001 to 5280 >1  
nearest resident (8) (6) (4) (2)  
mile  
(1)

individual

2e. Is there an on-site sensitive environment? Yes No  
(1) (0)

THE ON-SITE PATHWAY SCORE (S<sub>0</sub>) IS CALCULATED AS FOLLOWS:

$$S_0 = A \times (B + C) \times (2d + 3d) \times (1e + 2e) / 259.2$$

If A or B = 0, the S<sub>0</sub> = 0

If 2d is unknown, then 2d = 4

If 3d is unknown, then 3d = 4

Note: The denominator of 259.2 normalizes the score to a value between 0 and 100.

### APPENDIX III

#### MEDIA TARGET CONCENTRATIONS AND STANDARD EXPOSURE ASSUMPTIONS

Table 1. Ground water Criteria

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
83329	Acenaphthene	2
67641	Acetone	4
75058	Acetonitrile	0.2
98862	Acetophenone	4
107028	Acrolein	0.7
79061	Acrylamide	0.0001 (a)
107131	Acrylonitrile	0.0006 (a)
116063	Aldicarb	0.007
309002	Aldrin	0.00002 (a)
7664417	Ammonia	30
62533	Aniline	0.006 (a)
7440360	Antimony	0.006 (a)
140578	Aramite	0.001 (a)
7440382	Arsenic	0.010
1332214	Asbestos (fibers longer than 10 $\mu\text{m}$ )	7 million/liter
7440393	Barium	2
56553	Benz(a)anthracene	0.0001
71432	Benzene	0.005
92875	Benzidine	0.0000002
50328	Benzo(a)pyrene	0.0002
205992	Benzo(b)fluoranthene	0.0002

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
100447	Benzyl chloride	0.0002(a)
7440417	Beryllium	0.004
111444	Bis(2-chloroethyl)ether	0.00003(a)
75252	Bromoform	See Trihalomethanes
85687	Butyl benzyl phthalate	0.1
7440439	Cadmium	0.005
63252	Carbaryl	0.7
1563662	Carbofuran	0.04
75150	Carbon disulfide	4
56235	Carbon tetrachloride	0.005
57749	Chlordane	0.002
126998	Chloro-1,3-butadiene, 2-	0.7
106478	Chloroaniline, p-	0.1
108907	Chlorobenzene	0.1
510156	Chlorobenzilate	0.7
124481	Chlorodibromomethane	see Trihalomethanes
67663	Chloroform	see Trihalomethanes
95578	Chlorophenol, 2-	0.04
107051	Chloropropene, 3-	0.002
2921882	Chlorpyrifos	0.02
7440473	Chromium	0.1
218019	Chrysene	0.0002 (a)
7440508	Copper	1.3
57125	Cyanide	0.2
72548	DDD	0.0001

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
72559	DDE	0.0001
50293	DDT	0.0001
75990	Dalapon	0.2
117840	Di-n-octyl phthalate	0.7
2303164	Diallate	0.0006 (a)
333415	Diazinon	0.0006
53703	Dibenz(a,h)anthracene	0.0003
96128	Dibromochloropropane	0.0002
84742	Dibutyl phthalate	4
1918009	Dicamba	0.2
541731	Dichlorobenzene, m-	0.6
95501	Dichlorobenzene, o-	0.6
106467	Dichlorobenzene, p-	0.075
91941	Dichlorobenzidine, 3,3'-	0.00008 (a)
75274	Dichlorobromomethane	see Trihalomethanes
75718	Dichlorodifluoromethane	1
75343	Dichloroethane, 1,1-	4
107062	Dichloroethane, 1,2-	0.005
75354	Dichloroethylene, 1,1-	0.007
156592	Dichloroethylene, cis 1,2	0.070
156605	Dichloroethylene, trans-1,2-	0.1
108601	Dichloroisopropyl ether	0.3
120832	Dichlorophenol, 2,4-	0.02
94757	Dichlorophenoxyacetic acid, 2,4-	0.07

<b>CAS #</b>	<b>Regulated Substance/Analyte</b>	<b>Concentration (mg/L)</b>
78875	Dichloropropane, 1,2-	0.005
542756	Dichloropropene, 1,3-	0.002
60571	Dieldrin	0.00002 (a)
84662	Diethyl phthalate	5
123911	Diethylene dioxide, 1,4-	0.07 (a)
117817	Diethylhexyl phthalate	0.006
60515	Dimethoate	0.007
119904	Dimethoxybenzidine, 3,3'-	0.003 (a)
131113	Dimethyl phthalate	400
57976	Dimethylbenz(a)anthracene, 7,12-	0.000001 (a)
119937	Dimethylbenzidine, 3,3'-	0.000004 (a)
105679	Dimethylphenol, 2,4-	0.7
99650	Dinitrobenzene, m-	0.001 (a)
51285	Dinitrophenol, 2,4-	0.07
121142	Dinitrotoluene, 2,4-	0.00005 (a)
88857	Dinoseb	0.007
122394	Diphenylamine	0.2
122667	Diphenylhydrazine, 1,2-	0.00004 (a)
2764729	Diquat [di-cationic form]	0.02
85007	Diquat dibromide	0.02
298044	Disulfoton	0.0003
115297	Endosulfan (mixed isomers)	0.002
145733	Endothall	0.1
72208	Endrin	0.002
106898	Epichlorohydrin	0.04
110805	Ethoxyethanol, 2-	10

<b>CAS #</b>	<b>Regulated Substance/Analyte</b>	<b>Concentration (mg/L)</b>
60297	Ethyl ether	7
97632	Ethyl methacrylate	3
62500	Ethyl methanesulfonate	0.000001 (a)
100414	Ethylbenzene	0.7
106934	Ethylene dibromide	0.00005
52857	Famphur	0.001
22224926	Fenamiphos	0.002
206440	Fluoranthene	1
86737	Fluorene	1
16984488	Fluoride	4
944229	Fonofos	0.01
50000	Formaldehyde	1
64186	Formic acid	70
76448	Heptachlor	0.0004
1024573	Heptachlor epoxide	0.0002
118741	Hexachlorobenzene	0.001
87683	Hexachlorobutadiene	0.001 (a)
319846	Hexachlorocyclohexane (alpha)	0.000006 (a)
319857	Hexachlorocyclohexane (beta)	0.00002 (a)
77474	Hexachlorocyclopentadiene	0.05
67721	Hexachloroethane	0.001 (a)
70304	Hexachlorophene	0.01
193395	Indeno (1,2,3-cd)pyrene	0.0004
78831	Isobutyl alcohol	10
78591	Isophorone	0.1

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
143500	Kepone	0.000002 (a)
7439921	Lead	0.015
58899	Lindane	0.0002
121755	Malathion	0.2
7439976	Mercury (inorganic)	0.002
126987	Methacrylonitrile	0.004 (a)
67561	Methanol	20 (a)
16752775	Methomyl	0.2
72435	Methoxychlor	0.04
74839	Methyl bromide	0.01
74873	Methyl chloride	0.003
78933	Methyl ethyl ketone	2
80626	Methyl methacrylate	3
298000	Methyl parathion	0.002
74953	Methylene bromide	0.4
75092	Methylene chloride	0.005
108101	Methylisobutylketone	2
924163	N-Nitrosodi-n-butylamine	0.000006 (a)
62147	N-Nitrosodi-n-propylamine	0.000005 (a)
55185	N-Nitrosodiethylamine	0.0000002(a)
62759	N-Nitrosodimethylamine	0.0000007(a)
10595956	N-Nitrosomethylethylamine	0.000002 (a)
100754	N-Nitrosopiperidine	0.000008 (a)
930552	N-Nitrosopyrrolidine	0.00002 (a)
91203	Naphthalene	0.02
91598	Naphthylamine, 2-	0.00004 (a)

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
7440020	Nickel	0.1
98953	Nitrobenzene	0.02
100027	Nitrophenol, p-	0.06
1336363	PCBs	0.0005
1910425	Paraquat	0.03
56382	Parathion	0.2
608935	Pentachlorobenzene	0.03
82688	Pentachloronitrobenzene	0.0001
87865	Pentachlorophenol	0.001
108952	Phenol	4
298022	Phorate	0.007
7723140	Phosphorus, elemental	0.0001
23950585	Pronamide	0.05
129000	Pyrene	1
110861	Pyridine	0.04
94597	Safrole	0.0001 (a)
7782492	Selenium	0.05
7440224	Silver	0.1
93721	Silvex	0.05
100425	Styrene	0.1
1746016	TCDD,2,3,7,8- [Dioxin]	$3 \times 10^{-8}$ (a)(b)
13071799	Terbufos	0.0009
95943	Tetrachlorobenzene, 1,2,4,5-	0.01
630206	Tetrachloroethane, 1,1,1,2-	0.07
79345	Tetrachloroethane, 1,1,2,2-	0.0002 (a)
127184	Tetrachloroethylene	0.005

CAS #	Regulated Substance/Analyte	Concentration (mg/L)
58902	Tetrachlorophenol, 2,3,4,6-	1
3689245	Tetraethyldithiopyrophosphate	0.02
7440280	Thallium	0.002 (a)
108883	Toluene	1
95534	Toluidine, o-	0.0001 (a)
106490	Toluidine, p-	0.0002 (a)
8001352	Toxaphene	0.003
76131	Trichloro-1,2,2-trifluoroethane, 1,1,2-	1000
120821	Trichlorobenzene, 1,2,4-	0.07
71556	Trichloroethane, 1,1,1-	0.2
79005	Trichloroethane, 1,1,2-	0.005
79016	Trichloroethylene	0.005
75694	Trichlorofluoromethane	2
95954	Trichlorophenol, 2,4,5-	4
88062	Trichlorophenol, 2,4,6-	0.03
93765	Trichlorophenoxyacetic acid, 2,4,5-	0.07
96184	Trichloropropane, 1,2,3-	0.04
	Trihalomethanes, total	0.08
99354	Trinitrobenzene, 1,3,5-	0.002 (a)
126727	Tris(2,3-dibromopropyl)phosphate	0.00003 (a)
744062	Vanadium	0.2
75014	Vinyl chloride	0.002
1330207	Xylenes (total)	10
7440666	Zinc	2

(a) The health-based drinking water criterion for this substance/analyte is lower than the lowest currently achievable and available detection limit. According to Rule 391-3-19-.07(4)(e), the detection limit or background will be the Type 1 groundwater concentration criterion for this substance/analyte.

(b) For the purposes of Rule 391-3-19-.07, all polychlorinated dibenzodioxins and dibenzofurans are collectively considered as one substance, expressed as an equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), based on the Toxicity Equivalency Factor approach described in “Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans, “U.S. Environmental Protection Agency, March 1989. Where concentrations only of homologous groups are known (isomer-specific data are not available), the Director must be consulted to determine an appropriate method for determining 2,3,7,8-TCDD equivalents.

Table 2. Type 1 Soil Criteria

<b>Regulated Substance Analyte</b>	<b>Concentration (mg/kg)</b>
Antimony	4
Arsenic	20
Barium	1000
Beryllium	2
Cadmium	2
Chromium	100
Cobalt	20
Copper	100
Lead	75
Mercury	0.5
Nickel	50
Selenium	2
Silver	2
Thallium	2
Vanadium	100
Zinc	100

Table 3: Parameters, Definitions and Standard Assumptions \*, to be used in Equations 1, 2, 6, and 7 in RAGS, Part B

Pararameters	Definitions (Units)	Values
C	Concentrations in soil (mg/kg) or water (mg/L)	chemical-specific
TR	Target excess individual lifetime cancer risk (unitless)	10 <sup>-5</sup> for Class A and B carcinogens; 10 <sup>-4</sup> for Class C carcinogens
THI	Target hazard index (unitless)	1
SF <sub>o</sub> **	Oral cancer slope factor ((mg/kg-day) <sup>-1</sup> )	chemical-specific
SF <sub>i</sub> **	Inhalation cancer slope factor ((mg/kg-day) <sup>-1</sup> )	chemical-specific
RfD <sub>o</sub> **	Oral chronic reference dose (mg/kg-day)	chemical-specific
RfD <sub>i</sub> **	Inhalation chronic reference does (mg/kg-day)	chemical-specific
BW	Adult body weight (kg)	70 kg
AT	Averaging time (yr)	70 yr carcinogens (Equals ED for systemic toxicants)
EF	Exposure frequency (days/yr)	350 days/yr residential 250 days/yr non-residential
ED	Exposure duration (yr)	30 yr residential 25 yr non-residential
IR <sub>w</sub>	Daily water ingestion rate (liter/day)	2 L/day residential 1 L/day non-residential
IR <sub>soil</sub>	Soil ingestion rate	114 mg/day

	(mg/day)	residential 50 mg/day non-residential
IR <sub>air</sub>	Daily inhalation rate (m <sup>3</sup> /day)	15 m <sup>3</sup> /day residential 20 m <sup>3</sup> /day non residential
PEF	Particulate emission factor (m <sup>3</sup> /kg)	4.63 X 10 <sup>9</sup> m <sup>3</sup> /kg
VF	Soil-to-air volatilization factor (m <sup>3</sup> /kg)	see derivation below
K	Water-to-air volatilization factor (L/m <sup>3</sup> )	0.5 L/m <sup>3</sup>

\* Standard assumptions are required for Type 1 and Type 3 risk reduction standards.

\*\* Values are to be taken from the current version of IRIS or, if not listed in IRIS, from the current version of PPRTV. Where data are not available from IRIS or PPRTV and appropriate, peer-reviewed data are otherwise available, values may be derived using the procedures described in RAGS, Part A and in consultation with the Director. If a value for only one of the two variables in a variable pair (RfD<sub>o</sub>/RfD<sub>i</sub> or SF<sub>o</sub>/SF<sub>i</sub>) is not available for a particular chemical, the term containing that variable in an equation can be ignored or equated to zero. If neither value is available for a variable pair, a concentration cannot be calculated with the equation.

[Continuation of Table 3]

#### Derivation of VF values (Soil-to-Air Volatilization Factor)

$$VF(m^3/kg) = \frac{(LS \times V \times DH)}{A} \times \frac{(\pi \times \alpha \times T)^{1/2}}{(2 \times D_{et} \times E \times K_{as} \times 10^{-3} \text{ kg/g})}$$

WHERE:

LS length of side of contaminated area (m) = 45

V wind speed in mixing zone (m/s) = 2.25

DH diffusion height (m) = 2

A area of contamination (cm<sup>2</sup>) = 2.03 x 10<sup>7</sup> (=0.5 acre)

π pi = 3.14

	$\alpha$	$(\text{cm}^2 / \text{s})$	$= \frac{(D_a \times E)}{E + (\rho_s)(1-E)/K_{as}}$	
T	exposure interval (s)		$= 7.9 \times 10^8$	(=25 yr)
$\rho_s$	density of soil solids ( $\text{g}/\text{cm}^3$ )		$= 2.65$	
OC	soil organic carbon content fraction (unitless)		$= 0.02$	
$D_{ei}$	effective diffusivity ( $\text{cm}^2/\text{s}$ )		$= D_i \times E^{0.33}$	
$D_i$	molecular diffusivity ( $\text{cm}^2/\text{s}$ )			(chemical-specific)
E	total soil porosity (unitless)		$= 0.35$	
$K_{as}$	soil/air partition coefficient ( $\text{g soil}/\text{cm}^3 \text{ air}$ )		$= (H/K_d) \times 41$	
H	Henry's law constant ( $\text{atm}\cdot\text{m}^3/\text{mol}$ )			(chemical-specific)
$K_d$	soil-water partition coefficient ( $\text{cm}^3/\text{g}$ )		$= K_{oc} \times \text{OC}$	((or chemical specific)
$K_{oc}$	organic carbon partition coefficient ( $\text{cm}^3/\text{g}$ )			(chemical-specific)

## APPENDIX IV

### GEORGIA ADULT LEAD MODEL

The “Georgia Adult Lead Model” established by this appendix applies to the protection of workers or other adults as nonresidential sites at which it can be demonstrated that children are not now exposed, nor will become exposed, to lead in soil or soil-derived dust at the site. This lead model attempts to protect against elevated blood lead levels in the unborn fetus of women who spend considerable time at this site. Protection of the blood lead of a hypothetical fetus ensures that any other human receptor at the site will be adequately protected.

The Georgia model ultimately involves only two equations. Equation 1 establishes the average adult blood level that is protective of the fetus, which is an input to Equation 2. Equation 2 calculates the soil cleanup level, the concentration that would generate the average adult blood level indicated in Equation 1.

$$PbB = \frac{PbB_{fetal}}{R \bullet GSD^{1.645}}$$

$$C_s = \left[ \frac{PbB - PbB_b}{BSF \bullet (EF / AT)} - (C_w \bullet I_w \bullet A_w) \right] [I_s \bullet A_s]^{-1}$$

All terms found in the above equations are described in Table 1 on the following page.

TABLE 1. Parameters, Definitions, and Default Values to be used in Equation 1 and 2

Parameters	Definitions (Units)	Defaults
PbB <sub>b</sub>	Typical blood lead concentration in adults, specifically women of child-bearing age, in the absence of exposures to the site that is being assessed (µg/dL) [baseline]	1.38

$PbB_{\text{fetal}}$	The blood lead goal for the unborn fetus, defined as the concentration which will have a 95% probability of not being exceeded ( $\mu\text{g/dL}$ )	10.0
GSD	Geometric standard deviation of blood lead concentration among the exposed adult population, specifically women of child-bearing age (unitless)	2.04
1.645	Value of the exponent used to estimate the 95 <sup>th</sup> percentile from a lognormal distribution	1.645
R	Constant of proportionality between fetal blood lead concentration at birth and maternal blood lead concentration (unitless)	0.9
BSF	Biokinetic slope factor relating (quasi-steady state) increase in typical adult blood lead concentration to average daily lead uptake ( $\mu\text{g/dL}$ per $\mu\text{g/day}$ )	0.4
EF	Exposure frequency for contact with assessed soils and/or dust derived in part from these soils (number of days of exposure during the year) (days/yr)	219
AT	Averaging time for continuing long term exposures (days/yr)	365
$C_s$	Soil target concentration; i.e., concentration of lead in soil that is goal for the site (mg/kg)	To be determined by Eq. 2
$I_s$	Intake rate of soil, predominantly occupational exposures to indoor soil-derived dust rather than outdoor soil (unitless)	0.05
$A_s$	Absolute gastrointestinal absorption fraction for ingested lead in soil and in dust derived from soil (unitless)	0.12
$C_w$	Concentration of lead in ground water at site ( $\mu\text{g/L}$ ); provided, however, when taken together with concentrations of	See HSRA 391-3-19-.07(9)(c)

	lead in soil shall not exceed a PbB of 10 $\mu\text{g/dL}$	
$I_w$	Intake rate of water from on-site groundwater (L/day)	1
$A_w$	Absolute gastrointestinal absorption fraction for lead ingested in drinking water (unitless)	0.20