

APPENDIX A
TABLE 3 - MEDIUM-SPECIFIC CONCENTRATIONS (MSCs) FOR ORGANIC REGULATED
SUBSTANCES IN SOIL
A. Direct Contact Numeric Values

REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential	
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet
ACENAPHTHENE	83-32-9	13,000 G	170,000 G	190,000 C
ACENAPHTHYLENE	208-96-8	13,000 G	170,000 G	190,000 C
ACEPHATE	30560-19-1	880 G	9,100 G	190,000 C
ACETALDEHYDE	75-07-0	[140] 170 N	[480] 720 N	[560] 830 N
ACETONE	67-64-1	10,000 C	10,000 C	10,000 C
ACETONITRILE	75-05-8	1,100 N	[3,200] 4,800 N	[3,600] 5,500 N
ACETOPHENONE	98-86-2	10,000 C	10,000 C	10,000 C
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	4.7 G	21 G	190,000 C
ACROLEIN	107-02-8	0.38 N	[1.1] 1.6 N	[1.2] 1.8 N
ACRYLAMIDE	79-06-1	[4] 0.34 [G] N	[18] 1.7 [G] N	[190,000] 2 [C] N
ACRYLIC ACID	79-10-7	19 N	[53] 79 N	[60] 91 N
ACRYLONITRILE	107-13-1	[4.7] 6.6 N	[24] 33 N	[28] 38 N
ALACHLOR	15972-60-8	[220] 320 G	[990] 1,400 G	190,000 C
ALDICARB	116-06-3	220 G	2,800 G	190,000 C
ALDICARB SULFONE	1646-88-4	220 G	2,800 G	190,000 C
ALDICARB SULFOXIDE	1646-87-3	220 G	2,800 G	190,000 C
ALDRIN	309-00-2	1.1 G	4.7 G	190,000 C
ALLYL ALCOHOL	107-18-6	[330] 5.7 N	[930] 24 N	[1,100] 27 N
AMETRYN	834-12-8	2,000 G	25,000 G	190,000 C
AMINOBIHENYL, 4-	92-67-1	0.85 G	3.8 G	190,000 C
AMITROLE	61-82-5	19 G	84 G	190,000 C
AMMONIA	7664-41-7	1,900 N	[5,300] 8,000 N	[6,100] 9,100 N
AMMONIUM SULFAMATE	7773-06-0	44,000 G	190,000 C	190,000 C
ANILINE	62-53-3	19 N	[53] 79 N	[60] 91 N
ANTHRACENE	120-12-7	66,000 G	190,000 C	190,000 C
ATRAZINE	1912-24-9	[81] 78 G	[360] 340 G	190,000 C
AZINPHOS-METHYL (GUTHION)	86-50-0	660 G	8,400 G	190,000 G
BAYGON (PROPOXUR)	114-26-1	880 G	11,000 G	190,000 C
BENOMYL	17804-35-2	11,000 G	140,000 G	190,000 C
BENTAZON	25057-89-0	6,600 G	84,000 G	190,000 C
BENZENE	71-43-2	[41] 57 N	[210] 290 N	[240] 330 N
BENZIDINE	92-87-5	[0.078] 0.018 G	0.34 G	190,000 C
BENZO[A]ANTHRACENE	56-55-3	[25] 5.7 G	110 G	190,000 C
BENZO[A]PYRENE	50-32-8	[2.5] 0.57 G	11 G	190,000 C
BENZO[B]FLUORANTHENE	205-99-2	[25] 5.7 G	110 G	190,000 C
BENZO[GHI]PERYLENE	191-24-2	13,000 G	170,000 G	190,000 C
BENZO[K]FLUORANTHENE	207-08-9	[250] 57 G	1,100 G	190,000 C
BENZOIC ACID	65-85-0	190,000 C	190,000 C	190,000 C
BENZOTRICHLORIDE	98-07-7	1.4 G	6.1 G	10,000 C
BENZYL ALCOHOL	100-51-6	10,000 C	10,000 C	10,000 C
BENZYL CHLORIDE	100-44-7	[6.4] 9 N	[33] 45 N	[38] 52 N
BETA PROPIOLACTONE	57-57-8	0.11 N	0.56 N	0.64 N
BHC, ALPHA	319-84-6	2.8 G	13 G	190,000 C
BHC, BETA-	319-85-7	9.9 G	44 G	190,000 C

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REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential	
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet
[BHC, DELTA-]	[319-86-8]	[130] [G]	[1,700] [G]	[190,000] [C]
BHC, GAMMA (LINDANE)	58-89-9	[14] 16 G	[61] 72 G	190,000 C
BIPHENYL, 1,1-	92-52-4	11,000 G	140,000 G	190,000 C
BIS(2-CHLOROETHOXY)METHANE	111-91-1	660 G	8,400 G	10,000 G
BIS(2-CHLOROETHYL)ETHER	111-44-4	[0.96] 1.3 N	[5] 6.7 N	[5.7] 7.7 N
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	[32] 44 N	[160] 220 N	[190] 250 N
BIS(CHLOROMETHYL)ETHER	542-88-1	[0.0051] N 0.0072	[0.027] N 0.036	[0.031] N 0.041
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	1,300 G	5,700 G	10,000 C
BISPHENOL A	80-05-7	11,000 G	140,000 G	190,000 C
BROMACIL	314-40-9	22,000 G	190,000 C	190,000 C
BROMOCHLOROMETHANE	74-97-5	2,200 G	10,000 C	10,000 C
BROMODICHLOROMETHANE	75-27-4	[8.6] 12 N	[45] 60 N	[51] 69 N
BROMOMETHANE	74-83-9	[95] 96 N	[270] 400 N	[300] 460 N
BROMOXYNIL	1689-84-5	4,400 G	56,000 G	190,000 C
BROMOXYNIL OCTANOATE	1689-99-2	4,400 G	56,000 G	190,000 C
BUTADIENE, 1,3-	106-99-0	5.3 G	23 G	[190,000] [C] 85 N
BUTYL ALCOHOL, N-	71-36-3	[6,600] [N] 10,000 C	10,000 C	10,000 C
BUTYLATE	2008-41-5	10,000 C	10,000 C	10,000 C
BUTYLBENZENE, N-	104-51-8	8,800 G	10,000 C	10,000 C
BUTYLBENZENE, SEC-	135-98-8	8,800 G	10,000 C	10,000 C
BUTYLBENZENE, TERT-	98-06-6	8,800 G	10,000 C	10,000 C
BUTYLBENZYL PHTHALATE	85-68-7	[10,000] [C] 9,400 G	10,000 C	10,000 C
CAPTAN	133-06-2	[5,100] G 7,800	[23,000] G 34,000	190,000 C
CARBARYL	63-25-2	22,000 G	190,000 C	190,000 C
CARBAZOLE	86-74-8	900 G	4,000 G	190,000 C
CARBOFURAN	1563-66-2	1,100 G	14,000 G	190,000 C
CARBON DISULFIDE	75-15-0	10,000 C	10,000 C	10,000 C
CARBON TETRACHLORIDE	56-23-5	[21] 30 N	[110] 150 N	[120] 170 N
CARBOXIN	5234-68-4	22,000 G	190,000 C	190,000 C
CHLORAMBEN	133-90-4	3,300 G	42,000 G	190,000 C
CHLORDANE	57-74-9	51 G	230 G	190,000 C
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	[190,000] C 10,000	[190,000] C 10,000	[190,000] C 10,000
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	19 N	[53] 80 N	[61] 91 N
CHLOROACETOPHENONE, 2-	532-27-4	[1.9] [G] 190,000 C	[24] [G] 190,000 C	190,000 C
CHLOROANILINE, P-	106-47-8	[880] 90 G	[11,000] G 400	190,000 C
CHLOROBENZENE	108-90-7	[4,400] [G] 960 N	[10,000] [C] 4,000 N	[10,000] [C] 4,600 N
CHLOROBENZILATE	510-15-6	[66] 160 G	[290] 720 G	[10,000] C 190,000
CHLOROBUTANE, 1-	109-69-3	[10,000] [C] 8,800 G	10,000 C	10,000 C
CHLORODIBROMOMETHANE	124-48-1	[12] 17 N	[61] 82 N	[70] 95 N

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CHLORODIFLUOROMETHANE	75-45-6	<u>[190,000]</u> C <u>10,000</u>	<u>[190,000]</u> C <u>10,000</u>	<u>[190,000]</u> C <u>10,000</u>
CHLOROETHANE	75-00-3	6,200 G	10,000 C	10,000 C
CHLOROFORM	67-66-3	<u>[6]</u> <u>19</u> N	<u>[17]</u> <u>97</u> N	<u>[19]</u> <u>110</u> N
CHLORONAPHTHALENE, 2-	91-58-7	18,000 G	190,000 C	190,000 C
CHLORONITROBENZENE, P-	100-00-5	<u>[990]</u> <u>220</u> G	<u>[4,400]</u> G <u>2,800</u>	190,000 C
CHLOROPHENOL, 2-	95-57-8	<u>[330]</u> [N] <u>1,100</u> G	<u>[920]</u> [N] <u>10,000</u> C	<u>[1,100]</u> [N] <u>10,000</u> C
CHLOROPRENE	126-99-8	130 N	<u>[370]</u> <u>560</u> N	<u>[430]</u> <u>640</u> N
CHLOROPROPANE, 2-	75-29-6	1,900 N	<u>[5,400]</u> N <u>8,000</u>	<u>[6,100]</u> N <u>9,100</u>
CHLOROTHALONIL	1897-45-6	<u>[1,600]</u> G <u>3,300</u>	<u>[7,200]</u> G <u>26,000</u>	190,000 C
CHLOROTOLUENE, O-	95-49-8	4,400 G	10,000 C	10,000 C
CHLOROTOLUENE, P-	106-43-4	<u>10,000</u> C	<u>10,000</u> C	<u>10,000</u> C
CHLORPYRIFOS	2921-88-2	660 G	8,400 G	190,000 C
CHLORSULFURON	64902-72-3	11,000 G	140,000 G	190,000 C
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	2,200 G	28,000 G	190,000 C
CHRYSENE	218-01-9	<u>[2,500]</u> G <u>570</u>	11,000 G	190,000 C
CRESOL(S)	1319-77-3	1,100 G	10,000 C	10,000 C
CRESOL, 4,6-DINITRO-O-	534-52-1	<u>22</u> G	<u>280</u> G	<u>190,000</u> G
CRESOL, O- (2-METHYLPHENOL)	95-48-7	<u>[10,000]</u> [C] <u>11,000</u> G	<u>[10,000]</u> [C] <u>140,000</u> G	<u>[10,000]</u> C <u>190,000</u>
CRESOL, M- (3-METHYLPHENOL)	108-39-4	10,000 C	10,000 C	10,000 C
CRESOL, P- (4-METHYLPHENOL)	106-44-5	1,100 G	14,000 G	190,000 C
CRESOL, P-CHLORO-M-	59-50-7	1,100 G	14,000 G	190,000 C
CROTONALDEHYDE	4170-30-3	9.4 G	42 G	10,000 C
CROTONALDEHYDE, TRANS-	123-73-9	9.4 G	42 G	10,000 G
CUMENE (ISOPROPYL BENZENE)	98-82-8	<u>[7,300]</u> N <u>7,700</u>	10,000 C	10,000 C
CYANAZINE	21725-46-2	<u>21</u> G	<u>94</u> G	<u>190,000</u> C
CYCLOHEXANE	110-82-7	<u>10,000</u> C	<u>10,000</u> C	<u>10,000</u> C
CYCLOHEXANONE	108-94-1	10,000 C	10,000 C	10,000 C
CYFLUTHRIN	68359-37-5	5,500 G	<u>[10,000]</u> [C] <u>70,000</u> G	<u>[10,000]</u> C <u>190,000</u>
CYROMAZINE	66215-27-8	1,700 G	21,000 G	190,000 C
DDD, 4,4'-	72-54-8	75 G	330 G	190,000 C
DDE, 4,4'-	72-55-9	53 G	230 G	190,000 C
DDT, 4,4'-	50-29-3	53 G	230 G	190,000 C
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	10,000 C	10,000 C	10,000 C
DIALATE	2303-16-4	<u>[18]</u> <u>290</u> [N] G	<u>[93]</u> <u>1,300</u> [N] G	<u>[110]</u> [N] <u>10,000</u> C
DIAMINOTOLUENE, 2,4-	95-80-7	<u>[5.6]</u> <u>4.7</u> G	<u>[25]</u> <u>21</u> G	190,000 C
DIAZINON	333-41-5	<u>[200]</u> <u>150</u> G	<u>[2,500]</u> G <u>2,000</u>	<u>[190,000]</u> C <u>10,000</u>
DIBENZO[A,H]ANTHRACENE	53-70-3	<u>[2.5]</u> <u>0.57</u> G	11 G	190,000 C
DIBENZOFURAN	132-64-9	<u>220</u> G	<u>2,800</u> G	<u>190,000</u> G

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DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	[3.8] N <u>0.029</u>	[11] <u>0.37</u> N	[12] <u>0.43</u> N
DIBROMOBENZENE, 1,4-	106-37-6	2,200 G	28,000 G	190,000 C
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	[0.21] [G] <u>0.74</u> N	[0.93] <u>3.7</u> [G] N	[8.6] <u>4.3</u> N
DIBROMOMETHANE	74-95-3	[670] [N] <u>2,200</u> G	[1,900] [N] <u>10,000</u> C	[2,100] [N] <u>10,000</u> C
DIBUTYL PHTHALATE, N-	84-74-2	10,000 C	10,000 C	10,000 C
<u>DICAMBA</u>	<u>1918-00-9</u>	<u>6,600</u> G	<u>84,000</u> C	<u>190,000</u> C
<u>DICHLOROACETIC ACID</u>	<u>76-43-6</u>	<u>880</u> G	<u>10,000</u> C	<u>10,000</u> C
DICHLORO-2-BUTENE, 1,4-	764-41-0	[91,000] N <u>0.11</u>	[190,000] [C] <u>0.53</u> N	[190,000] [C] <u>0.61</u> N
<u>DICHLORO-2-BUTENE, TRANS-1,4-</u>	<u>110-57-6</u>	<u>0.1</u> N	<u>1</u> N	<u>1</u> N
DICHLOROBENZENE, 1,2-	95-50-1	3,800 N	10,000 C	10,000 C
DICHLOROBENZENE, 1,3-	541-73-1	[6,600] G <u>660</u>	[10,000] [C] <u>8,400</u> G	10,000 C
DICHLOROBENZENE, P-	106-46-7	[750] <u>40</u> [G] N	[3,300] [G] <u>200</u> N	[190,000] [C] <u>230</u> N
DICHLOROBENZIDINE, 3,3'-	91-94-1	40 G	180 G	190,000 C
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	[3,800] N <u>3,900</u>	10,000 C	10,000 C
DICHLOROETHANE, 1,1-	75-34-3	[200] <u>280</u> N	[1,000] N <u>1,400</u>	[1,200] N <u>1,600</u>
DICHLOROETHANE, 1,2-	107-06-2	[12] <u>17</u> N	[63] <u>86</u> N	[73] <u>98</u> N
DICHLOROETHYLENE, 1,1-	75-35-4	[6.4] N <u>3,800</u>	[33] [N] <u>10,000</u> C	[38] [N] <u>10,000</u> C
DICHLOROETHYLENE, CIS-1,2-	156-59-2	[670] [N] <u>2,200</u> G	[1,900] [N] <u>10,000</u> C	[2,100] [N] <u>10,000</u> C
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	[1,300] N <u>1,100</u>	[3,700] N <u>4,800</u>	[4,300] N <u>5,500</u>
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	[680] <u>950</u> N	[3,500] N <u>4,700</u>	[4,000] N <u>5,400</u>
DICHLOROPHENOL, 2,4-	120-83-2	660 G	8,400 G	190,000 C
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	2,200 G	28,000 G	190,000 C
DICHLOROPROPANE, 1,2-	78-87-5	[31] <u>45</u> N	[160] <u>220</u> N	[180] <u>260</u> N
DICHLOROPROPENE, 1,3-	542-75-6	[80] <u>110</u> N	[410] <u>560</u> N	[470] <u>640</u> N
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	[2,000] [N] <u>6,600</u> G	[5,500] [N] <u>10,000</u> C	[6,300] [N] <u>10,000</u> C
DICHLORVOS	62-73-7	62 G	270 G	[190,000] C <u>10,000</u>
DICYCLOPENTADIENE	77-73-6	[6,600] [G] <u>130</u> N	[84,000] [G] <u>550</u> N	[190,000] [C] <u>630</u> N
DIELDRIN	60-57-1	1.1 G	5 G	[10,000] C <u>190,000</u>
<u>DIETHANOLAMINE</u>	<u>111-42-2</u>	<u>10,000</u> C	<u>10,000</u> C	<u>10,000</u> C
DIETHYL PHTHALATE	84-66-2	10,000 C	10,000 C	10,000 C
DIFLUBENZURON	35367-38-5	4,400 G	56,000 G	190,000 C
<u>DIISOPROPYL METHYLPHOSPHONATE</u>	<u>1445-75-6</u>	<u>10,000</u> C	<u>10,000</u> C	<u>10,000</u> C
DIMETHOATE	60-51-5	44 G	560 G	190,000 C

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DIMETHOXYBENZIDINE, 3,3-	119-90-4	1,300 G	5,700 G	190,000 C
DIMETHRIN	70-38-2	66,000 G	190,000 C	190,000 C
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	3.9 G	17 G	190,000 C
DIMETHYLANILINE, N,N-	121-69-7	440 G	5,600 G	10,000 C
DIMETHYLBENZIDINE, 3,3-	119-93-7	[1.9] 1.6 G	[8.6] 7.2 G	[10,000] C 190,000
DIMETHYL METHYLPHOSPHONATE	756-79-6	10,000 C	10,000 C	10,000 C
DIMETHYLPHENOL, 2,4-	105-67-9	4,400 G	10,000 C	10,000 C
DINITROBENZENE, 1,3-	99-65-0	22 G	280 G	190,000 C
DINITROPHENOL, 2,4-	51-28-5	440 G	5,600 G	190,000 C
DINITROTOLUENE, 2,4-	121-14-2	58 G	260 G	190,000 C
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	220 G	2,800 G	190,000 C
DINOSEB	88-85-7	220 G	2,800 G	190,000 C
DIOXANE, 1,4-	123-91-1	[41] 58 N	[210] 290 N	[240] 330 N
DIPHENAMID	957-51-7	6,600 G	84,000 G	190,000 C
DIPHENYLAMINE	122-39-4	5,500 G	70,000 G	190,000 C
DIPHENYLHYDRAZINE, 1,2-	122-66-7	22 G	99 G	190,000 C
DIQUAT	85-00-7	480 G	6,200 G	190,000 C
DISULFOTON	298-04-4	[2.7] 8.8 [N] G	[7.6] 110 [N] G	[8.7] [N] 10,000 C
DITHIANE, 1,4-	505-29-3	2,200 G	28,000 G	190,000 C
DIURON	330-54-1	440 G	5,600 G	190,000 C
ENDOSULFAN	115-29-7	1,300 G	17,000 G	190,000 C
ENDOSULFAN I (ALPHA)	959-98-8	1,300 G	17,000 G	190,000 C
ENDOSULFAN II (BETA)	33213-65-9	1,300 G	17,000 G	190,000 C
ENDOSULFAN SULFATE	1031-07-8	1,300 G	17,000 G	190,000 C
ENDOTHALL	145-73-3	4,400 G	56,000 G	190,000 C
ENDRIN	72-20-8	66 G	840 G	190,000 C
EPICHLOROHYDRIN	106-89-8	19 N	[53] 79 N	[60] 91 N
ETHEPHON	16672-87-0	1,100 G	14,000 G	190,000 C
ETHION	563-12-2	110 G	1,400 G	10,000 C
ETHOXYETHANOL, 2- (EGEE)	110-80-5	[3,800] N 3,900	10,000 C	10,000 C
ETHYL ACETATE	141-78-6	10,000 C	10,000 C	10,000 C
ETHYL ACRYLATE	140-88-5	[23] 370 [N] G	[120] [N] 1,700 G	[140] [N] 10,000 C
ETHYL BENZENE	100-41-4	10,000 C	10,000 C	10,000 C
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	5,500 G	10,000 C	10,000 C
ETHYL ETHER	60-29-7	10,000 C	10,000 C	10,000 C
ETHYL METHACRYLATE	97-63-2	[20,000] [G] 10,000 C	[190,000] C 10,000	[190,000] C 10,000
ETHYLENE GLYCOL	107-21-1	[10,000] [C] 7,700 N	10,000 C	10,000 C
ETHYLENE THIOUREA (ETU)	96-45-7	18 G	220 G	190,000 C
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	2.2 G	28 G	190,000 C
FENAMIPHOS	22224-92-6	55 G	700 G	190,000 C
FENVALERATE (PYDRIN)	51630-58-1	5,500 G	10,000 C	10,000 C
FLUOMETURON	2164-17-2	2,900 G	36,000 G	190,000 C
FLUORANTHENE	206-44-0	8,800 G	110,000 G	190,000 C
FLUORENE	86-73-7	8,800 G	110,000 G	190,000 C

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FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	10,000 C	10,000 C	10,000 C
FONOFOS	944-22-9	[140] 440 [N] G	[380] [N] 5,600 G	[440] [N] 10,000 C
FORMALDEHYDE	50-00-0	[24] 34 N	[130] 170 N	[150] 200 N
FORMIC ACID	64-18-6	[10,000] [C] 57 N	[10,000] [C] 240 N	[10,000] [C] 270 N
FOSETYL-AL	39148-24-8	190,000 C	190,000 C	190,000 C
FURAN	110-00-9	220 G	2,800 G	10,000 C
FURFURAL	98-01-1	660 G	[2,600] N 4,000	[3,000] N 4,500
GLYPHOSATE	1071-83-6	22,000 G	190,000 C	190,000 C
HEPTACHLOR	76-44-8	4 G	18 G	190,000 C
HEPTACHLOR EPOXIDE	1024-57-3	2 G	[9] 8.7 G	190,000 C
HEXACHLOROBENZENE	118-74-1	11 G	50 G	190,000 C
HEXACHLOROBUTADIENE	87-68-3	[44] 220 G	[560] G 1,000	10,000 C
HEXACHLOROCYCLOPENTADIENE	77-47-4	1,300 G	10,000 C	10,000 C
HEXACHLOROETHANE	67-72-1	[220] 110 [G] N	[2,800] [G] 550 N	[190,000] [C] 640 N
HEXANE	110-54-3	[3,800] [N] 10,000 C	10,000 C	10,000 C
HEXAZINONE	51235-04-2	7,300 G	92,000 G	190,000 C
HEXYTHIAZOX (SAVEY)	78587-05-0	5,500 G	70,000 G	190,000 C
HMX	2691-41-0	11,000 G	140,000 G	190,000 C
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	[0.065] N 0.09	[0.34] N 0.45	[0.39] N 0.52
HYDROQUINONE	123-31-9	[8,800] G 320	[110,000] G 1,400	190,000 C
INDENO[1,2,3-CD]PYRENE	193-39-5	[25] 5.7 G	110 G	190,000 C
IPRODIONE	36734-19-7	8,800 G	110,000 G	190,000 C
ISOBUTYL ALCOHOL	78-83-1	10,000 C	10,000 C	10,000 C
ISOPHORONE	78-59-1	10,000 C	10,000 C	10,000 C
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	10,000 C	10,000 C	10,000 C
KEPONE	143-50-0	1.1 G	5 G	190,000 C
MALATHION	121-75-5	[1,400] [N] 4,400 G	[4,000] [N] 10,000 C	[4,600] [N] 10,000 C
MALEIC HYDRAZIDE	123-33-1	110,000 G	190,000 C	190,000 C
MANEB	12427-38-2	1,100 G	14,000 G	190,000 C
MERPHOS OXIDE	78-48-8	6.6 G	84 G	10,000 C
METHACRYLONITRILE	126-98-7	13 N	[37] 56 N	[43] 64 N
METHAMIDOPHOS	10265-92-6	11 G	140 G	190,000 C
METHANOL	67-56-1	10,000 C	10,000 C	10,000 C
METHOMYL	16752-77-5	5,500 G	70,000 G	190,000 C
METHOXYCHLOR	72-43-5	1,100 G	14,000 G	190,000 C
METHOXYETHANOL, 2-	109-86-4	[220] 380 [G] N	[1,100] N 1,600	[1,200] N 1,800
METHYL ACETATE	79-20-9	10,000 C	10,000 C	10,000 C
METHYL ACRYLATE	96-33-3	6,600 G	10,000 C	10,000 C
METHYL CHLORIDE	74-87-3	[180] 250 N	[920] N 1,200	[1,000] N 1,400

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METHYL ETHYL KETONE	78-93-3	10,000 C	10,000 C	10,000 C
METHYL ISOBUTYL KETONE	108-10-1	[1,500] [N] <u>10,000 C</u>	[4,300] [N] <u>10,000 C</u>	[4,900] [N] <u>10,000 C</u>
<u>METHYL ISOCYANATE</u>	<u>624-83-9</u>	<u>19 N</u>	<u>79 N</u>	<u>91 N</u>
<u>METHYL N-BUTYL KETONE (2-HEXANONE)</u>	<u>591-78-6</u>	<u>96 N</u>	<u>400 N</u>	<u>460 N</u>
METHYL METHACRYLATE	80-62-6	10,000 C	10,000 C	10,000 C
METHYL METHANESULFONATE	66-27-3	180 G	800 G	[190,000] C <u>10,000</u>
METHYL PARATHION	298-00-0	[17] <u>55</u> [N] <u>G</u>	[48] <u>700</u> [N] <u>G</u>	[55] [N] <u>190,000 C</u>
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	[1,300] [G] <u>770 N</u>	[17,000] [G] <u>3,200 N</u>	[190,000] [C] <u>3,600 N</u>
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	620 G	3,200 N	3,700 N
<u>METHYLCHLOROPHOXYACETIC ACID (MCPA)</u>	<u>94-74-6</u>	<u>110 G</u>	<u>1,400 G</u>	<u>190,000 C</u>
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	[140] <u>42</u> G	[610] <u>790</u> G	190,000 C
METHYLNAPHTHALENE, 2-	91-57-6	[4,400] G <u>880</u>	[10,000] G <u>11,000</u>	[10,000] C <u>190,000</u>
METHYLSTYRENE, ALPHA	98-83-9	[15,000] [G] <u>10,000 C</u>	[190,000] C <u>10,000</u>	[190,000] C <u>10,000</u>
<u>METOLACHLOR</u>	<u>51218-45-2</u>	<u>10,000 C</u>	<u>10,000 C</u>	<u>10,000 C</u>
<u>METRIBUZIN</u>	<u>21087-64-9</u>	<u>5,500 G</u>	<u>70,000 G</u>	<u>190,000 C</u>
<u>MONOCHLOROACETIC ACID</u>	<u>79-11-8</u>	<u>2,200 G</u>	<u>28,000 G</u>	<u>190,000 C</u>
NAPHTHALENE	91-20-3	4,400 G	56,000 G	190,000 C
NAPHTHYLAMINE, 1-	134-32-7	9.9 G	44 G	190,000 C
NAPHTHYLAMINE, 2-	91-59-8	9.9 G	44 G	190,000 C
NAPROPAMIDE	15299-99-7	22,000 G	190,000 C	190,000 C
NITROANILINE, M-	99-09-2	[13] <u>66</u> G	[160] <u>840</u> G	190,000 C
NITROANILINE, O-	88-74-4	[13] <u>660</u> G	[160] G <u>8,400</u>	190,000 C
NITROANILINE, P-	100-01-6	[13] <u>880</u> G	[160] G <u>4,000</u>	190,000 C
NITROBENZENE	98-95-3	[110] <u>440</u> G	[1,400] G <u>5,600</u>	10,000 C
<u>NITROGUANIDINE</u>	<u>556-88-7</u>	<u>22,000 G</u>	<u>190,000 C</u>	<u>190,000 C</u>
NITROPHENOL, 2-	88-75-5	1,800 G	22,000 G	190,000 C
NITROPHENOL, 4-	100-02-7	1,800 G	22,000 G	190,000 C
NITROPROPANE, 2-	79-46-9	[0.12] N <u>0.16</u>	[0.61] N <u>0.82</u>	[0.7] <u>0.94</u> N
NITROSODIETHYLAMINE, N-	55-18-5	[0.0073] N <u>0.0041</u>	[0.038] N <u>0.051</u>	[0.044] N <u>0.059</u>
NITROSODIMETHYLAMINE, N-	62-75-9	[0.023] N <u>0.012</u>	[0.12] N <u>0.16</u>	[0.13] N <u>0.18</u>
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	3.3 G	15 G	10,000 C
NITROSODI-N-PROPYLAMINE, N-	621-64-7	2.6 G	11 G	10,000 C
NITROSODIPHENYLAMINE, N-	86-30-6	3,700 G	16,000 G	190,000 C
NITROSO-N-ETHYLUREA, N-	759-73-9	[0.13] G <u>0.15</u>	[0.57] <u>2.9</u> G	190,000 C
OCTYL PHTHALATE, DI-N-	117-84-0	[4,400] G <u>8,800</u>	10,000 C	10,000 C
OXAMYL (VYDATE)	23135-22-0	5,500 G	70,000 G	190,000 C
<u>PARAQUAT</u>	<u>1910-42-5</u>	<u>990 G</u>	<u>13,000 G</u>	<u>190,000 C</u>

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PARATHION	56-38-2	1,300 G	10,000 C	10,000 C
PCB-1016 (AROCLOR)	12674-11-2	15 G	200 G	10,000 C
PCB-1221 (AROCLOR)	11104-28-2	<u>[36] 9</u> G	<u>[160] 40</u> G	10,000 C
PCB-1232 (AROCLOR)	11141-16-5	<u>[36] 9</u> G	<u>[160] 40</u> G	10,000 C
PCB-1242 (AROCLOR)	53469-21-9	<u>[36] 9</u> G	<u>[160] 40</u> G	10,000 C
PCB-1248 (AROCLOR)	12672-29-6	<u>[9.9] 9</u> G	<u>[44] 40</u> G	10,000 C
PCB-1254 (AROCLOR)	11097-69-1	4.4 G	<u>[44] 40</u> G	10,000 C
PCB-1260 (AROCLOR)	11096-82-5	<u>[30] 9</u> G	<u>[130] 40</u> G	190,000 C
PEBULATE	1114-71-2	10,000 C	10,000 C	10,000 C
PENTACHLOROBENZENE	608-93-5	180 G	2,200 G	190,000 C
PENTACHLOROETHANE	76-01-7	200 G	880 G	10,000 C
PENTACHLORONITROBENZENE	82-68-8	69 G	310 G	190,000 C
PENTACHLOROPHENOL	87-86-5	150 G	660 G	190,000 C
PHENACETIN	62-44-2	8,100 G	36,000 G	190,000 C
PHENANTHRENE	85-01-8	66,000 G	190,000 C	190,000 C
PHENOL	108-95-2	<u>[130,000]</u> G <u>66,000</u>	190,000 C	190,000 C
PHENYL MERCAPTAN	108-98-5	2.2 N	28 N	10,000 N
PHENYLENEDIAMINE, M-	108-45-2	1,300 G	17,000 G	190,000 C
PHENYLPHENOL, 2-	90-43-7	<u>[9,200]</u> G <u>9,400</u>	<u>[41,000]</u> G <u>42,000</u>	190,000 C
PHORATE	298-02-2	<u>[13] 44</u> <u>[N]</u> <u>G</u>	<u>[37] 560</u> <u>[N]</u> <u>G</u>	<u>[43] [N]</u> <u>10,000 C</u>
PHTHALIC ANHYDRIDE	85-44-9	190,000 C	190,000 C	190,000 C
PICLORAM	1918-02-1	15,000 G	190,000 C	190,000 C
PROMETON	1610-18-0	3,300 G	42,000 G	190,000 C
PRONAMIDE	23950-58-5	17,000 G	190,000 C	190,000 C
PROPANIL	709-98-8	1,100 G	14,000 G	190,000 C
PROPANOL 2- (ISOPROPYL ALCOHOL)	67-63-0	10,000 C	10,000 C	10,000 C
PROPAZINE	139-40-2	4,400 G	10,000 C	10,000 C
PROPHAM	122-42-9	4,400 G	56,000 G	190,000 C
PROPYLBENZENE, N-	103-65-1	8,800 G	10,000 C	10,000 C
PROPYLENE OXIDE	75-56-9	75 G	330 G	<u>[510] 690</u> N
PYRENE	129-00-0	6,600 G	84,000 G	190,000 C
PYRIDINE	110-86-1	<u>[67] 220</u> <u>[N]</u> <u>G</u>	<u>[190] [N]</u> <u>2,800 G</u>	<u>[210] [N]</u> <u>10,000 C</u>
QUINOLINE	91-22-5	<u>[1.5] 6</u> <u>G</u>	<u>[6.6] 26</u> <u>G</u>	10,000 C
QUIZALOFOP (ASSURE)	76578-14-8	2,000 G	25,000 G	190,000 C
RDX	121-82-4	160 G	720 G	190,000 C
RESORCINOL	108-46-3	190,000 C	190,000 C	190,000 C
RONNEL	299-84-3	11,000 G	140,000 G	190,000 C
SIMAZINE	122-34-9	150 G	660 G	190,000 C
STRYCHNINE	57-24-9	66 G	840 G	190,000 C
STYRENE	100-42-5	10,000 C	10,000 C	10,000 C
TEBUTHIURON	34014-18-1	15,000 G	190,000 C	190,000 C
TERBACIL	5902-51-2	2,900 G	36,000 G	190,000 C
TERBUFOS	13071-79-9	<u>[1.7] 5.5</u> <u>[N]</u> <u>G</u>	<u>[4.6] 70</u> <u>[N]</u> <u>G</u>	<u>[5.3] [N]</u> <u>10,000 C</u>
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	66 G	840 G	190,000 C

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TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	[0.00012] G <u>0.00014</u>	[0.00053] G <u>0.00061</u>	190,000 C
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	[690] <u>60</u> [G] N	[3,100] [G] <u>300</u> N	[190,000] [C] <u>340</u> N
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	[5.5] <u>7.7</u> N	[28] <u>38</u> N	[33] <u>44</u> N
TETRACHLOROETHYLENE (PCE)	127-18-4	340 G	1,500 G	[3,300] N <u>4,400</u>
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	6,600 G	84,000 G	190,000 C
TETRAETHYL LEAD	78-00-2	0.022 G	0.28 G	10,000 C
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	[33] <u>110</u> [N] G	[92] <u>1,400</u> [N] G	[110] [N] <u>10,000</u> C
TETRAHYDROFURAN	109-99-9	230 N	1,100 N	1,300 N
THIOFANOX	39196-18-4	66 G	840 G	190,000 C
THIRAM	137-26-8	1,100 G	14,000 G	190,000 C
TOLUENE	108-88-3	[7,600] [N] <u>10,000</u> C	10,000 C	10,000 C
TOLUIDINE, M-	108-44-1	[75] <u>99</u> G	[330] <u>440</u> G	10,000 C
TOLUIDINE, O-	95-53-4	[75] <u>99</u> G	[330] <u>440</u> G	10,000 C
TOLUIDINE, P-	106-49-0	94 G	420 G	190,000 C
TOXAPHENE	8001-35-2	16 G	72 G	190,000 C
TRIALATE	2303-17-5	2,900 G	[36,000] [G] <u>10,000</u> C	[190,000] [C] <u>10,000</u> C
TRIBROMOMETHANE (BROMOFORM)	75-25-2	[290] <u>410</u> N	[1,500] N <u>2,000</u>	[1,700] N <u>2,300</u>
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	[190,000] C <u>10,000</u>	[190,000] C <u>10,000</u>	[190,000] C <u>10,000</u>
TRICHLOROBENZENE, 1,2,4-	120-82-1	2,200 G	10,000 C	10,000 C
TRICHLOROBENZENE, 1,3,5-	108-70-3	1,300 G	17,000 G	190,000 C
TRICHLOROETHANE, 1,1,1-	71-55-6	10,000 C	10,000 C	10,000 C
TRICHLOROETHANE, 1,1,2-	79-00-5	[20] <u>28</u> N	[100] <u>140</u> N	[120] <u>160</u> N
TRICHLOROETHYLENE (TCE)	79-01-6	[190] <u>260</u> N	[970] N <u>1,300</u>	[1,100] N <u>1,500</u>
TRICHLOROPHENOL, 2,4,5-	95-95-4	22,000 G	190,000 C	190,000 C
TRICHLOROPHENOL, 2,4,6-	88-06-2	[66] <u>220</u> G	[840] G <u>2,800</u>	190,000 C
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	2,200 G	28,000 G	190,000 C
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	1,800 G	22,000 G	190,000 C
TRICHLOROPROPANE, 1,1,2-	598-77-6	1,100 G	10,000 C	10,000 C
TRICHLOROPROPANE, 1,2,3-	96-18-4	[0.16] <u>2.6</u> [N] G	[0.82] <u>11</u> [N] G	[0.95] <u>460</u> [N] G
TRICHLOROPROPENE, 1,2,3-	96-19-5	[1,100] <u>19</u> [G] N	[10,000] [C] <u>80</u> N	[10,000] [C] <u>91</u> N
TRIETHYLAMINE	121-44-8	130 N	560 N	640 N
TRIFLURALIN	1582-09-8	1,700 G	10,000 G	190,000 C
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	[110] <u>130</u> N	[320] <u>560</u> N	[360] <u>640</u> N
TRIMETHYLBENZENE, 1,3,5-	108-67-8	110 N	[320] <u>480</u> N	[360] <u>550</u> N
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	22 G	280 G	10,000 C
TRINITROTOLUENE, 2,4,6-	118-96-7	110 G	1,400 G	190,000 C

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VINYL ACETATE	108-0-5-4	[3,800] N <u>3,900</u>	10,000 C	10,000 C
VINYL BROMIDE (BROMOETHENE)	593-60-2	[160] 14 [G] N	[720] 70 [G] N	[190,000] [C] 80 N
VINYL CHLORIDE	75-01-4	[12] 1.9 G	[53] 110 G	[220] 580 N
WARFARIN	81-81-2	66 G	840 G	190,000 C
XYLENES (TOTAL)	1330-20-7	[8,000] N <u>1,900</u>	[10,000] [C] <u>8,000</u> N	[10,000] [C] <u>9,100</u> N
ZINEB	12122-67-7	11,000 G	140,000 G	190,000 C

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