

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	190,000 C	190,000 C	190,000 C
ACENAPHTHYLENE	208-96-8	13,000 G	190,000 C	190,000 C	190,000 C
ACEPHATE	30560-19-1	[880] 260 G	[10,000] 3,800 G	190,000 C	190,000 C
ACETALDEHYDE	75-07-0	170 N	[720] 710 N	[830] 820 N	N
ACETONE	67-64-1	10,000 C	10,000 C	10,000 C	10,000 C
ACETONITRILE	75-05-8	1,100 N	[4,800] 4,700 N	5,500 N	5,500 N
ACETOPHENONE	98-86-2	10,000 C	10,000 C	10,000 C	10,000 C
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	4.9 G	24 G	190,000 C	190,000 C
ACROLEIN	107-02-8	0.38 N	1.6 N	1.8 N	1.8 N
ACRYLAMIDE	79-06-1	1.7 N	22 N	[26] 25 N	N
ACRYLIC ACID	79-10-7	19 N	79 N	91 N	91 N
ACRYLONITRILE	107-13-1	[6.6] 6.5 N	33 N	[38] 37 N	N
ALACHLOR	15972-60-8	330 G	1,600 G	190,000 C	190,000 C
ALDICARB	116-06-3	220 G	3,200 G	190,000 C	190,000 C
ALDICARB SULFONE	1646-88-4	220 G	3,200 G	190,000 C	190,000 C
ALDICARB SULFOXIDE	1646-87-3	220 G	3,200 G	190,000 C	190,000 C
ALDRIN	309-00-2	1.1 G	5.4 G	190,000 C	190,000 C
ALLYL ALCOHOL	107-18-6	1.9 N	[8] 7.9 N	9.1 N	9.1 N
AMETRYN	834-12-8	2,000 G	29,000 G	190,000 C	190,000 C
AMINOBIIPHENYL, 4-	92-67-1	0.89 G	4.3 G	190,000 C	190,000 C
AMITROLE	61-82-5	20 G	97 G	190,000 C	190,000 C
AMMONIA	7664-41-7	[1,900] 9,600 N	[8,000] 10,000 [N] C	[9,100] 10,000 [N] C	[N] C
AMMONIUM SULFAMATE	7773-06-0	44,000 G	190,000 C	190,000 C	190,000 C
ANILINE	62-53-3	19 N	79 N	[91] 90 N	N
ANTHRACENE	120-12-7	66,000 G	190,000 C	190,000 C	190,000 C
ATRAZINE	1912-24-9	81 G	400 G	190,000 C	190,000 C
AZINPHOS-METHYL (GUTHION)	86-50-0	[660] 330 G	[9,600] 4,800 G	190,000 C	190,000 C
BAYGON (PROPOXUR)	114-26-1	880 G	13,000 G	190,000 C	190,000 C
BENOMYL	17804-35-2	[11,000] 7,800 G	[160,000] 38,000 G	190,000 C	190,000 C
BENTAZON	25057-89-0	6,600 G	96,000 G	190,000 C	190,000 C
BENZENE	71-43-2	57 N	[290] 280 N	330 N	330 N
BENZIDINE	92-87-5	0.018 G	0.4 G	190,000 C	190,000 C
BENZO[A]ANTHRACENE	56-55-3	[6] 6.1 G	130 G	190,000 C	190,000 C
BENZO[A]PYRENE	50-32-8	[0.58] 4.2 G	[12] 91 G	190,000 C	190,000 C
BENZO[B]FLUORANTHENE	205-99-2	3.5 G	76 G	190,000 C	190,000 C
BENZO[GHI]PERYLENE	191-24-2	13,000 G	190,000 C	190,000 C	190,000 C
BENZO[K]FLUORANTHENE	207-08-9	[4] 3.5 G	76 G	190,000 C	190,000 C
BENZOIC ACID	65-85-0	190,000 C	190,000 C	190,000 C	190,000 C
BENZOTRICHLORIDE	98-07-7	1.4 G	7 G	10,000 C	10,000 C
BENZYL ALCOHOL	100-51-6	10,000 C	10,000 C	10,000 C	10,000 C
BENZYL CHLORIDE	100-44-7	9 N	45 N	52 N	52 N
BETA PROPIOLACTONE	57-57-8	0.11 N	[0.56] 0.55 N	[0.64] 0.63 N	N
BHC, ALPHA	319-84-6	3 G	14 G	190,000 C	190,000 C
BHC, BETA-	319-85-7	10 G	51 G	190,000 C	190,000 C
BHC, GAMMA (LINDANE)	58-89-9	17 G	83 G	190,000 C	190,000 C

All concentrations in mg/kg

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REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential	
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BIPHENYL, 1,1-	92-52-4	[2,300] [G] 8.2 N	[11,000] [G] 34 N	[190,000] [C] 40 N
BIS(2-CHLOROETHOXY)METHANE	111-91-1	660 G	9,600 G	10,000 C
BIS(2-CHLOROETHYL)ETHER	111-44-4	1.3 N	6.7 N	[7.7] 7.6 N
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	44 N	220 N	250 N
BIS(CHLOROMETHYL)ETHER	542-88-1	[0.0072] 0.0071 N	0.036 N	0.041 N
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	1,300 G	6,500 G	10,000 C
BISPHENOL A	80-05-7	11,000 G	160,000 G	190,000 C
BROMACIL	314-40-9	22,000 G	190,000 C	190,000 C
BROMOBENZENE	108-86-1	1,100 N	4,700 N	5,400 N
BROMOCHLOROMETHANE	74-97-5	[770] 760 N	3,200 N	3,600 N
BROMODICHLOROMETHANE	75-27-4	12 N	60 N	69 N
BROMOMETHANE	74-83-9	[96] 95 N	400 N	460 N
BROMOXYNIL	1689-84-5	[4,400] 180 G	[64,000] 880 G	190,000 C
BROMOXYNIL OCTANOATE	1689-99-2	[4,400] 180 G	[64,000] 880 G	190,000 C
BUTADIENE, 1,3-	106-99-0	[5.5] 15 [G] N	[27] 74 [G] N	85 N
BUTYL ALCOHOL, N-	71-36-3	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	10,000 C	10,000 C	10,000 C
BUTYLBENZENE, SEC-	135-98-8	10,000 C	10,000 C	10,000 C
BUTYLBENZENE, TERT-	98-06-6	10,000 C	10,000 C	10,000 C
BUTYLBENZYL PHTHALATE	85-68-7	9,800 G	10,000 C	10,000 C
CAPTAN	133-06-2	8,100 G	40,000 G	190,000 C
CARBARYL	63-25-2	22,000 G	190,000 C	190,000 C
CARBAZOLE	86-74-8	930 G	4,600 G	190,000 C
CARBOFURAN	1563-66-2	1,100 G	16,000 G	190,000 C
CARBON DISULFIDE	75-15-0	10,000 C	10,000 C	10,000 C
CARBON TETRACHLORIDE	56-23-5	[74] 75 N	370 N	430 N
CARBOXIN	5234-68-4	22,000 G	190,000 C	190,000 C
CHLORAMBEN	133-90-4	3,300 G	48,000 G	190,000 C
CHLORDANE	57-74-9	53 G	260 G	190,000 C
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	10,000 C	10,000 C	10,000 C
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	19 N	80 N	[91] 92 N
CHLOROACETALDEHYDE	107-20-0	[62] 69 G	[300] 340 G	10,000 C
CHLOROACETOPHENONE, 2-	532-27-4	190,000 C	190,000 C	190,000 C
CHLOROANILINE, P-	106-47-8	93 G	460 G	190,000 C
CHLOROBENZENE	108-90-7	[960] 950 N	[4,000] 3,900 N	[4,600] 4,500 N
CHLOROBENZILATE	510-15-6	170 G	830 G	190,000 C
CHLOROBUTANE, 1-	109-69-3	8,800 G	10,000 C	10,000 C
CHLORODIBROMOMETHANE	124-48-1	[17] 220 [N] G	[82] 1,100 [N] G	[95] [N] 10,000 C
CHLORODIFLUOROMETHANE	75-45-6	10,000 C	10,000 C	10,000 C
CHLOROETHANE	75-00-3	[6,400] 10,000 [G] C	10,000 C	10,000 C
CHLOROFORM	67-66-3	19 N	[97] 96 N	110 N
CHLORONAPHTHALENE, 2-	91-58-7	18,000 G	190,000 C	190,000 C

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CHLORONITROBENZENE, P-	100-00-5	[220] 39 [G] N	[3,200] [G] 160 N		[190,000] [C] 180 N
CHLOROPHENOL, 2-	95-57-8	1,100 G	10,000 C		10,000 C
CHLOROPRENE	126-99-8	1.5 N	7.4 N		8.5 N
CHLOROPROPANE, 2-	75-29-6	1,900 N	[8,000] 7,900	N	9,100 N
CHLOROTHALONIL	1897-45-6	[3,300] 1,100	[29,000] 5,400	G	190,000 C
CHLOROTOLUENE, O-	95-49-8	4,400 G	10,000 C		10,000 C
CHLOROTOLUENE, P-	106-43-4	4,400 C	10,000 C		10,000 C
CHLORPYRIFOS	2921-88-2	220 G	3,200 G		190,000 C
CHLORSULFURON	64902-72-3	[11,000] 4,400	[160,000] 64,000	G	190,000 C
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	2,200 G	32,000 G		190,000 C
CHRYSENE	218-01-9	35 G	760 G		190,000 C
CRESOL(S)	1319-77-3	10,000 C	10,000 C		10,000 C
CRESOL, 4,6-DINITRO-O-	534-52-1	18 G	260 G		190,000 C
CRESOL, O- (2-METHYLPHENOL)	95-48-7	11,000 G	160,000 G		190,000 C
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	16,000 G		190,000 C
CRESOL, P-CHLORO-M-	59-50-7	22,000 G	190,000 G		190,000 C
CROTONALDEHYDE	4170-30-3	9.8 G	48 G		10,000 C
CROTONALDEHYDE, TRANS-	123-73-9	9.8 G	48 G		10,000 C
CUMENE (ISOPROPYL BENZENE)	98-82-8	[7,700] 7,600	10,000 C		10,000 C
CYANAZINE	21725-46-2	22 G	110 G		190,000 C
CYCLOHEXANE	110-82-7	10,000 C	10,000 C		10,000 C
CYCLOHEXANONE	108-94-1	10,000 C	10,000 C		10,000 C
CYFLUTHRIN	68359-37-5	5,500 G	80,000 G		190,000 C
CYROMAZINE	66215-27-8	[1,700] 110,000	[24,000] [G] 190,000 C		190,000 C
DDD, 4,4'-	72-54-8	78 G	380 G		190,000 C
DDE, 4,4'-	72-55-9	55 G	270 G		190,000 C
DDT, 4,4'-	50-29-3	55 G	270 G		190,000 C
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	10,000 C	10,000 C		10,000 C
DIALLATE	2303-16-4	300 G	1,500 G		10,000 C
DIAMINOTOLUENE, 2,4-	95-80-7	4.7 G	23 G		190,000 C
DIAZINON	333-41-5	150 G	2,200 G		10,000 C
DIBENZO[A,H]ANTHRACENE	53-70-3	1 G	22 G		190,000 C
DIBENZOFURAN	132-64-9	220 G	3,200 G		190,000 C
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.029 N	0.37 N		[0.43] N 0.42
DIBROMOBENZENE, 1,4-	106-37-6	2,200 G	32,000 G		190,000 C
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.74 N	3.7 N		[4.3] 4.2 N
DIBROMOMETHANE	74-95-3	[77] 76 N	[320] 310 N		[370] 360 N
DIBUTYL PHTHALATE, N-	84-74-2	10,000 C	10,000 C		10,000 C
DICAMBA	1918-00-9	6,600 G	96,000 G		190,000 C
DICHLOROACETIC ACID	76-43-6	370 G	1,800 G		10,000 C
DICHLORO-2-BUTENE, 1,4-	764-41-0	0.11 N	[0.53] 0.52	N	[0.61] 0.6 N
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6	[0.1] 0.11 N	0.52 N		0.6 N
DICHLOROBENZENE, 1,2-	95-50-1	3,800 N	10,000 C		10,000 C

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DICHLOROBENZENE, 1,3-	541-73-1	10,000 C	10,000 C	10,000 C
DICHLOROBENZENE, P-	106-46-7	40 N	200 N	230 N
DICHLOROBENZIDINE, 3,3'-	91-94-1	41 G	200 G	190,000 C
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	1,900 N	8,000 N	9,100 N
DICHLOROETHANE, 1,1-	75-34-3	280 N	1,400 N	1,600 N
DICHLOROETHANE, 1,2-	107-06-2	17 N	[86] 85 N	98 N
DICHLOROETHYLENE, 1,1-	75-35-4	3,800 N	10,000 C	10,000 C
DICHLOROETHYLENE, CIS-1,2-	156-59-2	440 G	6,400 G	10,000 C
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	[1,100] [N] 4,400 G	[4,800] [N] 10,000 C	[5,500] [N] 10,000 C
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	1,300 G	10,000 C	10,000 C
DICHLOROPHENOL, 2,4-	120-83-2	660 G	9,600 G	190,000 C
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	2,200 G	32,000 G	190,000 C
DICHLOROPROPANE, 1,2-	78-87-5	[45] 0.12 N	[220] 0.6 N	[260] N 0.69
DICHLOROPROPENE, 1,3-	542-75-6	110 N	[560] 550 N	640 N
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	6,600 G	10,000 C	10,000 C
DICHLORVOS	62-73-7	64 G	310 G	10,000 C
DICYCLOPENTADIENE	77-73-6	[6] 5.7 N	24 N	27 N
DIELDRIN	60-57-1	1.2 G	[6] 5.7 G	190,000 C
DIETHANOLAMINE	111-42-2	440 G	6,400 G	10,000 C
DIETHYL PHTHALATE	84-66-2	10,000 C	10,000 C	10,000 C
DIFLUBENZURON	35367-38-5	4,400 G	64,000 G	190,000 C
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	10,000 C	10,000 C	10,000 C
DIMETHOATE	60-51-5	[44] 480 G	[40] 7,000 G	190,000 C
DIMETHOXYBENZIDINE, 3,3-	119-90-4	[1,300] 12 G	[6,500] 57 G	190,000 C
DIMETHRIN	70-38-2	66,000 G	190,000 C	190,000 C
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	4 G	20 G	190,000 C
DIMETHYLANILINE, N,N-	121-69-7	440 G	[6,400] 3,400	10,000 C
DIMETHYLBENZIDINE, 3,3-	119-93-7	1.7 G	8.3 G	190,000 C
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	320 G	190,000 C
DINITROPHENOL, 2,4-	51-28-5	440 G	6,400 G	190,000 C
DINITROTOLUENE, 2,4-	121-14-2	60 G	290 G	190,000 C
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	12 G	61 G	190,000 C
DINOSEB	88-85-7	220 G	3,200 G	190,000 C
DIOXANE, 1,4-	123-91-1	[58] 89 N	[290] 440 N	[330] 510 N
DIPHENAMID	957-51-7	6,600 G	96,000 G	190,000 C
DIPHENYLAMINE	122-39-4	[5,500] 22,000	[80,000] [G] 190,000 C	190,000 C
DIPHENYLHYDRAZINE, 1,2-	122-66-7	[23] 2.1 [G] N	[110] 10 [G] N	[190,000] [C] 12 N
DIQUAT	85-00-7	480 G	7,000 G	190,000 C
DISULFOTON	298-04-4	8.8 G	130 G	10,000 C
DITHIANE, 1,4-	505-29-3	2,200 G	32,000 G	190,000 C
DIURON	330-54-1	440 G	6,400 G	190,000 C
ENDOSULFAN	115-29-7	1,300 G	19,000 G	190,000 C
ENDOSULFAN I (ALPHA)	959-98-8	1,300 G	19,000 G	190,000 C
ENDOSULFAN II (BETA)	33213-65-9	1,300 G	19,000 G	190,000 C
ENDOSULFAN SULFATE	1031-07-8	1,300 G	19,000 G	190,000 C

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ENDOTHALL	145-73-3	4,400 G	64,000 G	190,000 C
ENDRIN	72-20-8	66 G	960 G	190,000 C
EPICHLOROHYDRIN	106-89-8	19 N	79 N	91 N
ETHEPHON	16672-87-0	1,100 G	16,000 G	190,000 C
ETHION	563-12-2	110 G	1,600 G	10,000 C
ETHOXYETHANOL, 2- (EGEE)	110-80-5	[3,900] 3,800 N	10,000 C	10,000 C
ETHYL ACETATE	141-78-6	1,300 N	[5,600] 5,500 N	[6,400] 6,300 N
ETHYL ACRYLATE	140-88-5	150 N	[640] 630 N	[730] 720 N
ETHYL BENZENE	100-41-4	180 N	[890] 880 N	1,000 N
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	[5,500] [G] 10,000 C	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	5,700 N	10,000 C	10,000 C
ETHYLENE CHLORHYDRIN	107-07-3	4,400 G	10,000 C	10,000 C
ETHYLENE GLYCOL	107-21-1	[7,700] 7,600 N	10,000 C	10,000 C
ETHYLENE THIOUREA (ETU)	96-45-7	18 G	260 G	190,000 C
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	2.2 G	32 G	190,000 C
FENAMIPHOS	22224-92-6	55 G	800 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	42,000 G	190,000 C
FLUORANTHENE	206-44-0	8,800 G	130,000 G	190,000 C
FLUORENE	86-73-7	8,800 G	130,000 G	190,000 C
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	10,000 C	10,000 C	10,000 C
FONOFOS	944-22-9	440 G	6,400 G	10,000 C
FORMALDEHYDE	50-00-0	34 N	170 N	200 N
FORMIC ACID	64-18-6	[6] 5.7 N	24 N	27 N
FOSETYL-AL	39148-24-8	190,000 C	190,000 C	190,000 C
FURAN	110-00-9	220 G	3,200 G	10,000 C
FURFURAL	98-01-1	[660] 530 G	[4,000] [N] 2,600 G	4,500 N
GLYPHOSATE	1071-83-6	22,000 G	190,000 C	190,000 C
HEPTACHLOR	76-44-8	[4] 4.1 G	20 G	190,000 C
HEPTACHLOR EPOXIDE	1024-57-3	2 G	10 G	190,000 C
HEXACHLOROBENZENE	118-74-1	12 G	57 G	190,000 C
HEXACHLOROBUTADIENE	87-68-3	220 G	1,200 G	10,000 C
HEXACHLOROCYCLOPENTADIENE	77-47-4	1,300 G	10,000 C	10,000 C
HEXACHLOROETHANE	67-72-1	[44] 46 N	[220] 230 N	[260] 270 N
HEXANE	110-54-3	10,000 C	10,000 C	10,000 C
HEXAZINONE	51235-04-2	7,300 G	110,000 G	190,000 C
HEXYTHIAZOX (SAVEY)	78587-05-0	5,500 G	80,000 G	190,000 C
HMX	2691-41-0	11,000 G	160,000 G	190,000 C
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	[0.09] 0.091 N	0.45 N	0.52 N
HYDROQUINONE	123-31-9	310 G	1,500 G	190,000 C
INDENO[1,2,3-CD]PYRENE	193-39-5	3.5 G	76 G	190,000 C
IPRODIONE	36734-19-7	[8,800] 420 G	[130,000] 2,100 G	190,000 C
ISOBUTYL ALCOHOL	78-83-1	10,000 C	10,000 C	10,000 C

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REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential		
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet	
ISOPHORONE	78-59-1	10,000 C	10,000 C	10,000 C	10,000 C
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	10,000 C	10,000 C	10,000 C	10,000 C
KEPONE	143-50-0	1.9 G	9.1 G	190,000 C	190,000 C
MALATHION	121-75-5	4,400 G	10,000 C	10,000 C	10,000 C
MALEIC HYDRAZIDE	123-33-1	110,000 G	190,000 C	190,000 C	190,000 C
MANEB	12427-38-2	[1,100] 310 G	[16,000] 1,500 G	190,000 C	190,000 C
MERPHOS OXIDE	78-48-8	[6.6] 220 110 G	[96] 3,200 1,600 G	10,000 C	10,000 C
METHACRYLONITRILE	126-98-7	22 G	320 G	[2,800] 2,700 N	N
METHAMIDOPHOS	10265-92-6	11 G	160 G	190,000 C	190,000 C
METHANOL	67-56-1	10,000 C	10,000 C	10,000 C	10,000 C
METHOMYL	16752-77-5	5,500 G	80,000 G	190,000 C	190,000 C
METHOXYCHLOR	72-43-5	1,100 G	16,000 G	190,000 C	190,000 C
METHOXYETHANOL, 2-	109-86-4	380 N	1,600 N	1,800 N	1,800 N
METHYL ACETATE	79-20-9	10,000 C	10,000 C	10,000 C	10,000 C
METHYL ACRYLATE	96-33-3	380 N	1,600 N	1,800 N	1,800 N
METHYL CHLORIDE	74-87-3	250 N	1,200 N	1,400 N	1,400 N
METHYL ETHYL KETONE	78-93-3	10,000 C	10,000 C	10,000 C	10,000 C
METHYL HYDRAZINE	60-34-4	0.38 N	1.6 N	1.8 N	1.8 N
METHYL ISOBUTYL KETONE	108-10-1	10,000 C	10,000 C	10,000 C	10,000 C
METHYL ISOCYANATE	624-83-9	19 N	79 N	91 N	91 N
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	570 N	2,400 N	[2,800] 2,700 N	N
METHYL METHACRYLATE	80-62-6	10,000 C	10,000 C	10,000 C	10,000 C
METHYL METHANESULFONATE	66-27-3	190 G	920 G	10,000 C	10,000 C
METHYL PARATHION	298-00-0	55 G	800 G	190,000 C	190,000 C
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	[770] 760 N	[3,200] 3,100 N	3,600 N	3,600 N
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	1,700 N	[8,600] 8,500 N	[9,900] 9,800 N	N
METHYLCHLOROPHOXYACETIC ACD (MCPA)	94-74-6	110 G	1,600 C	190,000 C	190,000 C
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	42 G	910 G	190,000 C	190,000 C
METHYLNAPHTHALENE, 2-	91-57-6	[880] 57 [G] N	[13,000] 240 [G] N	[190,000] 270 [C] N	[C] N
METHYLSTYRENE, ALPHA	98-83-9	10,000 C	10,000 C	10,000 C	10,000 C
METOLACHLOR	51218-45-2	10,000 C	10,000 C	10,000 C	10,000 C
METRIBUZIN	21087-64-9	5,500 G	80,000 G	190,000 C	190,000 C
MEVINPHOS	7786-34-7	5.5 G	80 G	190,000 C	190,000 C
MONOCHLOROACETIC ACID	79-11-8	440 G	6,400 G	190,000 C	190,000 C
NAPHTHALENE	91-20-3	[160] 13 [G] N	[760] 66 [G] N	[190,000] 77 [C] N	[C] N
NAPHTHYLAMINE, 1-	134-32-7	10 G	51 G	190,000 C	190,000 C
NAPHTHYLAMINE, 2-	91-59-8	10 G	51 G	190,000 C	190,000 C
NAPROPAMIDE	15299-99-7	[22,000] 26,000 G	190,000 C	190,000 C	190,000 C
NITROANILINE, O-	88-74-4	[2,200] 0.95 [G] N	[32,000] 3.9 [G] N	[190,000] 4.5 [C] N	[C] N
NITROANILINE, P-	100-01-6	880 G	4,600 G	190,000 C	190,000 C
NITROBENZENE	98-95-3	[440] 11 [G] N	[6,400] 55 [G] N	[10,000] 63 [C] N	[C] N
NITROGUANIDINE	556-88-7	22,000 G	190,000 C	190,000 C	190,000 C

All concentrations in mg/kg
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A. Direct Contact Numeric Values

REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential		
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet	
NITROPHENOL, 2-	88-75-5	1,800 G	26,000 G	190,000 C	
NITROPHENOL, 4-	100-02-7	1,800 G	26,000 G	190,000 C	
NITROPROPANE, 2-	79-46-9	0.16 N	0.82 N	0.94 N	
NITROSODIETHYLAMINE, N-	55-18-5	0.0041 N	0.051 N	0.059 N	
NITROSODIMETHYLAMINE, N-	62-75-9	0.012 N	0.16 N	0.18 N	
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	[3.4] <u>0.28</u> [G] N	[17] <u>1.4</u> [G] N	[10,000] [C] <u>1.6</u> N	
NITROSODI-N-PROPYLAMINE, N-	621-64-7	[2.7] <u>0.22</u> [G] N	[13] <u>1.1</u> [G] N	[10,000] [C] <u>1.3</u> N	
NITROSODIPHENYLAMINE, N-	86-30-6	[3,800] [G] <u>170</u> N	[19,000] [G] <u>860</u> N	[190,000] [C] <u>990</u> N	
NITROSO-N-ETHYLUREA, N-	759-73-9	0.16 G	3.4 G	190,000 C	
OCTYL PHTHALATE, DI-N-	117-84-0	2,200 G	10,000 C	10,000 C	
OXAMYL (VYDATE)	23135-22-0	5,500 G	80,000 G	190,000 C	
PARAQUAT	1910-42-5	990 G	14,000 G	190,000 C	
PARATHION	56-38-2	[1,300] G <u>6.6</u>	[10,000] [C] <u>96</u> G	10,000 C	
PCBS, TOTAL (POLYCHLORINATED BIPHENYLS) (AROCLORS)	1336-36-3	9.3 G	46 G	190,000 C	
PCB-1016 (AROCLOR)	12674-11-2	[9] <u>15</u> G	[46] <u>220</u> G	10,000 C	
PCB-1221 (AROCLOR)	11104-28-2	[9] <u>4.7</u> [G] N	[46] <u>23</u> [G] N	[10,000] [C] <u>27</u> N	
PCB-1232 (AROCLOR)	11141-16-5	[9] <u>9.3</u> G	46 G	10,000 C	
PCB-1242 (AROCLOR)	53469-21-9	[9] <u>9.3</u> G	46 G	10,000 C	
PCB-1248 (AROCLOR)	12672-29-6	9.3 G	46 G	10,000 C	
PCB-1254 (AROCLOR)	11097-69-1	4.4 G	[46] <u>64</u> G	10,000 C	
PCB-1260 (AROCLOR)	11096-82-5	[9] <u>9.3</u> G	46 G	190,000 C	
PEBULATE	1114-71-2	10,000 C	10,000 C	10,000 C	
PENTACHLORO BENZENE	608-93-5	180 G	2,600 G	190,000 C	
PENTACHLOROETHANE	76-01-7	210 G	1,000 G	10,000 C	
PENTACHLORONITROBENZENE	82-68-8	72 G	350 G	190,000 C	
PENTACHLOROPHENOL	87-86-5	47 G	230 G	190,000 C	
PERFLUOROBUTANE SULFONATE (PFBS)	375-73-5	4,400 G	10,000 C	10,000 C	
PERFLUOROCTANE SULFONATE (PFOS)	1763-23-1	4.4 G	64 G	190,000 C	
PERFLUOROCTANOIC ACID (PFOA)	335-67-1	4.4 G	64 G	190,000 C	
PHENACETIN	62-44-2	8,500 G	41,000 G	190,000 C	
PHENANTHRENE	85-01-8	66,000 G	190,000 C	190,000 C	
PHENOL	108-95-2	3,800 N	16,000 N	18,000 N	
PHENYL MERCAPTAN	108-98-5	220 G	3,200 G	10,000 C	
PHENYLENEDIAMINE, M-	108-45-2	1,300 G	19,000 G	190,000 C	
PHENYLPHENOL, 2-	90-43-7	[9,800] G <u>9,600</u>	[48,000] G <u>47,000</u>	190,000 C	
PHORATE	298-02-2	44 G	640 G	10,000 C	
PHTHALIC ANHYDRIDE	85-44-9	[190,000] [C] <u>380</u> N	[190,000] [C] <u>1,600</u> N	[190,000] [C] <u>1,800</u> N	
PICLORAM	1918-02-1	15,000 G	190,000 C	190,000 C	
PROMETON	1610-18-0	3,300 G	48,000 G	190,000 C	
PRONAMIDE	23950-58-5	17,000 G	190,000 C	190,000 C	
PROPACHLOR	1918-16-7	2,900 G	42,000 G	190,000 C	
PROPANIL	709-98-8	1,100 G	16,000 G	190,000 C	
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	3,800 N	10,000 C	10,000 C	
PROPazine	139-40-2	4,400 G	10,000 C	10,000 C	

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REGULATED SUBSTANCE	CASRN	Residential 0-15 feet	Nonresidential		
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet	
PROPHAM	122-42-9	4,400 G	64,000 G	190,000 C	
PROPYLBENZENE, N-	103-65-1	10,000 C	10,000 C	10,000 C	
PROPYLENE OXIDE	75-56-9	78 G	380 G	690 N	
PYRENE	129-00-0	6,600 G	96,000 G	190,000 C	
PYRETHRUM	8003-34-7	220 G	3,200 G	10,000 C	
PYRIDINE	110-86-1	220 G	3,200 G	10,000 C	
QUINOLINE	91-22-5	[6] 6.2 G	30 G	10,000 C	
QUIZALOFOP (ASSURE)	76578-14-8	2,000 G	29,000 G	190,000 C	
RDX	121-82-4	[170] 230 G	[830] 1,100 G	190,000 C	
RESORCINOL	108-46-3	190,000 C	190,000 C	190,000 C	
RONNEL	299-84-3	11,000 G	160,000 G	190,000 C	
SIMAZINE	122-34-9	160 G	760 G	190,000 C	
STRYCHNINE	57-24-9	66 G	960 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	42,000 G	190,000 C	
TERBUFOS	13071-79-9	5.5 G	80 G	10,000 C	
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	66 G	960 G	190,000 C	
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.00014 G	0.0007 G	190,000 C	
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	60 N	300 N	340 N	
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	[7.7] 7.6 N	38 N	44 N	
TETRACHLOROETHYLENE (PCE)	127-18-4	[770] 760 N	3,200 N	3,600 N	
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	6,600 G	96,000 G	190,000 C	
TETRAETHYL LEAD	78-00-2	0.022 G	0.32 G	10,000 C	
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	110 G	1,600 G	10,000 C	
TETRAHYDROFURAN	109-99-9	[240] 230 N	[1,200] 1,100 N	[1,400] 1,300 N	
THIOFANOX	39196-18-4	66 G	960 G	190,000 C	
THIRAM	137-26-8	[1,100] 3,300 G	[16,000] 48,000 G	190,000 C	
TOLUENE	108-88-3	10,000 C	10,000 C	10,000 C	
TOLUIDINE, M-	108-44-1	1,200 G	5,700 G	10,000 C	
TOLUIDINE, O-	95-53-4	1,200 G	5,700 G	10,000 C	
TOLUIDINE, P-	106-49-0	620 G	3,000 G	190,000 C	
TOXAPHENE	8001-35-2	17 G	83 G	190,000 C	
TRIALATE	2303-17-5	[2,900] 26 G	[10,000] 130 G	[C] G	
TRIBROMOMETHANE (BROMOFORM)	75-25-2	[410] 400 N	2,000 N	2,300 N	
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	10,000 C	10,000 C	10,000 C	
TRICHLOROACETIC ACID	76-03-9	270 G	1,300 G	190,000 C	
TRICHLOROBENZENE, 1,2,4-	120-82-1	[640] 39 G	[3,100] 160 G	[10,000] 190 C	
TRICHLOROBENZENE, 1,3,5-	108-70-3	[1,300] 46 G	[19,000] 190 G	[190,000] 230 C	
TRICHLOROETHANE, 1,1,1-	71-55-6	10,000 C	10,000 C	10,000 C	
TRICHLOROETHANE, 1,1,2-	79-00-5	[4] 3.8 N	16 N	18 N	
TRICHLOROETHYLENE (TCE)	79-01-6	38 N	160 N	180 N	
TRICHLOROPHENOL, 2,4,5-	95-95-4	22,000 G	190,000 C	190,000 C	
TRICHLOROPHENOL, 2,4,6-	88-06-2	220 G	3,200 G	190,000 C	
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	2,200 G	32,000 G	190,000 C	

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			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet
TRICHLOROPHOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	1,800 G	26,000 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	0.14 G	3.0 G	[28] 27 N
TRICHLOROPROPENE, 1,2,3-	96-19-5	5.7 N	24 N	27 N
TRIETHYLAMINE	121-44-8	130 N	[560] 550 N	[640] 630 N
TRIETHYLENE GLYCOL	112-27-6	10,000 C	10,000 C	10,000 C
TRIFLURALIN	1582-09-8	1,700 G	12,000 G	190,000 C
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	[130] N 1,100	[560] N 4,700	[640] N 5,400
TRIMETHYLBENZENE, 1,3,5-	108-67-8	[2,200] [G] 1,100 N	[10,000] [C] 4,700 N	[10,000] [C] 5,400 N
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	22 G	320 G	10,000 C
TRINITROTOLUENE, 2,4,6-	118-96-7	110 G	1,600 G	190,000 C
VINYL ACETATE	108-05-4	[3,900] N 3,800	10,000 C	10,000 C
VINYL BROMIDE (BROMOETHENE)	593-60-2	14 N	70 N	80 N
VINYL CHLORIDE	75-01-4	[0.9] 0.93 G	61 G	[280] 290 N
WARFARIN	81-81-2	66 G	960 G	190,000 C
XYLENES (TOTAL)	1330-20-7	1,900 N	[8,000] N 7,900	9,100 N
ZINEB	12122-67-7	11,000 G	160,000 G	190,000 C

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