

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
ACENAPHTHYLENE	208-96-8	13,000 G	190,000 C	190,000 C
ACEPHATE	30560-19-1	260 G	3,800 G	190,000 C
ACETALDEHYDE	75-07-0	170 N	710 N	820 N
ACETONE	67-64-1	10,000 C	10,000 C	10,000 C
ACETONITRILE	75-05-8	1,100 N	4,700 N	5,500 N
ACETOPHENONE	98-86-2	10,000 C	10,000 C	10,000 C
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	4.9 G	24 G	190,000 C
ACROLEIN	107-02-8	0.38 N	1.6 N	1.8 N
ACRYLAMIDE	79-06-1	1.7 N	22 N	25 N
ACRYLIC ACID	79-10-7	[19] 3.8 N	[79] 16 N	[91] 18 N
ACRYLONITRILE	107-13-1	6.5 N	33 N	37 N
ALACHLOR	15972-60-8	330 G	1,600 G	190,000 C
ALDICARB	116-06-3	220 G	3,200 G	190,000 C
ALDICARB SULFONE	1646-88-4	220 G	3,200 G	190,000 C
ALDICARB SULFOXIDE	1646-87-3	220 G	3,200 G	190,000 C
ALDRIN	309-00-2	1.1 G	5.4 G	190,000 C
ALLYL ALCOHOL	107-18-6	1.9 N	7.9 N	9.1 N
AMETRYN	834-12-8	2,000 G	29,000 G	190,000 C
AMINOBIIPHENYL, 4-	92-67-1	0.89 G	4.3 G	190,000 C
AMITROLE	61-82-5	20 G	97 G	190,000 C
AMMONIA	7664-41-7	9,600 N	10,000 C	10,000 C
AMMONIUM SULFAMATE	7773-06-0	44,000 G	190,000 C	190,000 C
ANILINE	62-53-3	19 N	79 N	90 N
ANTHRACENE	120-12-7	66,000 G	190,000 C	190,000 C
ATRAZINE	1912-24-9	81 G	400 G	190,000 C
AZINPHOS-METHYL (GUTHION)	86-50-0	330 G	4,800 G	190,000 C
BAYGON (PROPOXUR)	114-26-1	880 G	13,000 G	190,000 C
BENOMYL	17804-35-2	7,800 G	38,000 G	190,000 C
BENTAZON	25057-89-0	6,600 G	96,000 G	190,000 C
BENZENE	71-43-2	57 N	280 N	330 N
BENZIDINE	92-87-5	0.018 G	0.4 G	190,000 C
BENZO[A]ANTHRACENE	56-55-3	[6.1] 42 G	[130] 910 G	190,000 C
BENZO[A]PYRENE	50-32-8	4.2 G	91 G	190,000 C
BENZO[B]FLUORANTHENE	205-99-2	[3.5] 42 G	[76] 910 G	190,000 C
BENZO[GHI]PERYLENE	191-24-2	13,000 G	190,000 C	190,000 C
BENZO[K]FLUORANTHENE	207-08-9	[3.5] 420 G	[76] 9,100 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	7 G	10,000 C
BENZYL ALCOHOL	100-51-6	10,000 C	10,000 C	10,000 C
BENZYL CHLORIDE	100-44-7	9 N	45 N	52 N
BETA PROPIOLACTONE	57-57-8	0.11 N	0.55 N	0.63 N
BHC, ALPHA	319-84-6	3 G	14 G	190,000 C
BHC, BETA-	319-85-7	10 G	51 G	190,000 C
BHC, GAMMA (LINDANE)	58-89-9	[17] 2.2 G	[83] 32 G	190,000 C
BIPHENYL, 1,1-	92-52-4	8.2 N	34 N	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	7.6 N
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	44 N	220 N	250 N
BIS(CHLOROMETHYL)ETHER	542-88-1	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

All concentrations in mg/kg

G—Ingestion
N—Inhalation
C—Cap

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
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	760 N	3,200 N	3,600 N
BROMODICHLOROMETHANE	75-27-4	12 N	60 N	69 N
BROMOMETHANE	74-83-9	95 N	400 N	460 N
BROMOXYNIL	1689-84-5	180 G	880 G	190,000 C
BROMOXYNIL OCTANOATE	1689-99-2	180 G	880 G	190,000 C
BUTADIENE, 1,3-	106-99-0	15 N	74 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	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	92 N
CHLOROACETALDEHYDE	107-20-0	69 G	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	950 N	3,900 N	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	220 G	1,100 G	10,000 C
CHLORODIFLUOROMETHANE	75-45-6	10,000 C	10,000 C	10,000 C
CHLOROETHANE	75-00-3	10,000 C	10,000 C	10,000 C
CHLOROFORM	67-66-3	19 N	96 N	110 N
CHLORONAPHTHALENE, 2-	91-58-7	18,000 G	190,000 C	190,000 C
CHLORONITROBENZENE, P-	100-00-5	39 N	160 N	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	7,900 N	9,100 N
CHLOROTHALONIL	1897-45-6	1,100 G	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	[4,400] 11,000 G	[64,000] 160,000 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] 4,200 G	[760] 91,000 G	190,000 C
CRESOL(S)	1319-77-3	10,000 C	10,000 C	10,000 C

All concentrations in mg/kg

G—Ingestion
N—Inhalation
C—Cap

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
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] 4,400 G	[16,000] 64,000 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	7,600 N	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	110,000 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] 4.2 G	[22] 91 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	0.42 N
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	4.2 N
DIBROMOMETHANE	74-95-3	76 N	310 N	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	0.52 N	0.6 N
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6	0.11 N	0.52 N	0.6 N
DICHLOROBENZENE, 1,2-	95-50-1	3,800 N	10,000 C	10,000 C
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	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	[4,400] 760 [G] N	[10,000] 3,200 [C] N	[10,000] 3,600 [C] N
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	0.12 N	0.6 N	0.69 N
DICHLOROPROPENE, 1,3-	542-75-6	110 N	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	5.7 N	24 N	27 N

All concentrations in mg/kg

G—Ingestion

N—Inhalation

C—Cap

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
DIELDRI	60-57-1	1.2 G	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	480 G	7,000 G	190,000 C
DIMETHOXYBENZIDINE, 3,3-	119-90-4	12 G	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	3,400 G	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	89 N	440 N	510 N
DIPHENAMID	957-51-7	6,600 G	96,000 G	190,000 C
DIPHENYLAMINE	122-39-4	22,000 G	190,000 C	190,000 C
DIPHENYLHYDRAZINE, 1,2-	122-66-7	2.1 N	10 N	12 N
DIQUAT	[85-00-7] 2764-72-9	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
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	[3,800] 770 N	[10,000] 3,200 [C] N	[10,000] 3,700 [C] N
ETHYL ACETATE	141-78-6	1,300 N	5,500 N	6,300 N
ETHYL ACRYLATE	140-88-5	150 N	630 N	720 N
ETHYL BENZENE	100-41-4	180 N	880 N	1,000 N
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	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	7,600 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

All concentrations in mg/kg

G—Ingestion

N—Inhalation

C—Cap

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
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	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	530 G	2,600 G	4,500 N
GLYPHOSATE	1071-83-6	22,000 G	190,000 C	190,000 C
HEPTACHLOR	76-44-8	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] 2.2 G	[57] 32 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	46 N	230 N	270 N
HEXAFLUOROPROPYLENE OXIDE (HFPO) DIMER ACID	13252-13-6	0.66 G	9.6 G	10,000 C
HEXAFLUOROPROPYLENE OXIDE (HFPO) DIMER ACID AMMONIUM SALT	62037-80-3	0.66 G	9.6 G	10,000 C
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	0.091 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] 42 G	[76] 910 G	190,000 C
IPRODIONE	36734-19-7	420 G	2,100 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	1.9 G	9.1 G	190,000 C
MALATHION	121-75-5	4,400 G	10,000 C	10,000 C
MALEIC HYDRAZIDE	123-33-1	110,000 G	190,000 C	190,000 C
MANEB	12427-38-2	310 G	1,500 G	190,000 C
MERPPOS OXIDE	78-48-8	110 G	1,600 G	10,000 C
METHACRYLONITRILE	126-98-7	22 G	320 G	2,700 N
METHAMIDOPHOS	10265-92-6	11 G	160 G	190,000 C
METHANOL	67-56-1	10,000 C	10,000 C	10,000 C
METHOMYL	16752-77-5	5,500 G	80,000 G	190,000 C
METHOXYCHLOR	72-43-5	1,100 G	16,000 G	190,000 C
METHOXYETHANOL, 2-	109-86-4	[380] 130 N	[1,600] 560 N	[1,800] 640 N
METHYL ACETATE	79-20-9	10,000 C	10,000 C	10,000 C
METHYL ACRYLATE	96-33-3	380 N	1,600 N	1,800 N
METHYL CHLORIDE	74-87-3	250 N	1,200 N	1,400 N
METHYL ETHYL KETONE	78-93-3	10,000 C	10,000 C	10,000 C
METHYL HYDRAZINE	60-34-4	0.38 N	1.6 N	1.8 N
METHYL ISOBUTYL KETONE	108-10-1	10,000 C	10,000 C	10,000 C
METHYL ISOCYANATE	624-83-9	19 N	79 N	91 N

All concentrations in mg/kg

G—Ingestion

N—Inhalation

C—Cap

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		
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	570	N	2,400	N	2,700	N
METHYL METHACRYLATE	80-62-6	10,000	C	10,000	C	10,000	C
METHYL METHANESULFONATE	66-27-3	190	G	920	G	10,000	C
METHYL PARATHION	298-00-0	55	G	800	G	190,000	C
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	760	N	3,100	N	3,600	N
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	1,700	N	8,500	N	9,800	N
METHYLCHLOROPHENOXYACETIC ACID (MCPA)	94-74-6	110	G	1,600	C	190,000	C
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	42	G	910	G	190,000	C
METHYLNAPHTHALENE, 2-	91-57-6	57	N	240	N	270	N
METHYLSTYRENE, ALPHA	98-83-9	10,000	C	10,000	C	10,000	C
METOLACHLOR	51218-45-2	10,000	C	10,000	C	10,000	C
METRIBUZIN	21087-64-9	5,500	G	80,000	G	190,000	C
MEVINPHOS	7786-34-7	5.5	G	80	G	190,000	C
MONOCHLOROACETIC ACID	79-11-8	440	G	6,400	G	190,000	C
NAPHTHALENE	91-20-3	13	N	66	N	77	N
NAPHTHYLAMINE, 1-	134-32-7	10	G	51	G	190,000	C
NAPHTHYLAMINE, 2-	91-59-8	10	G	51	G	190,000	C
NAPROPAMIDE	15299-99-7	26,000	G	190,000	C	190,000	C
NITROANILINE, O-	88-74-4	0.95	N	3.9	N	4.5	N
NITROANILINE, P-	100-01-6	880	G	4,600	G	190,000	C
NITROBENZENE	98-95-3	11	N	55	N	63	N
NITROGUANIDINE	556-88-7	22,000	G	190,000	C	190,000	C
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] 0.76	N	[0.82] 3.8	N	[0.94] 4.4	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	0.28	N	1.4	N	1.6	N
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.22	N	1.1	N	1.3	N
NITROSODIPHENYLAMINE, N-	86-30-6	170	N	860	N	990	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	6.6	G	96	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	15	G	220	G	10,000	C
PCB-1221 (AROCLOR)	11104-28-2	4.7	N	23	N	27	N
PCB-1232 (AROCLOR)	11141-16-5	9.3	G	46	G	10,000	C
PCB-1242 (AROCLOR)	53469-21-9	9.3	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	64	G	10,000	C
PCB-1260 (AROCLOR)	11096-82-5	9.3	G	46	G	190,000	C
PEBULATE	1114-71-2	[10,000] 150	[C] G	[10,000] 2,200	[C] G	10,000	C
PENTACHLOROBENZENE	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

All concentrations in mg/kg

G—Ingestion

N—Inhalation

C—Cap

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
PERFLUOROBUTANOIC ACID (PFBA)	375-22-4	220 G	3,200 G	190,000 C
PERFLUOROBUTANE SULFONATE (PFBS)	375-73-5	66 G	960 G	10,000 C
PERFLUOROOCTANE SULFONATE (PFOS)	1763-23-1	4.4 G	64 G	190,000 C
PERFLUOROOCTANOIC 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	9,600 G	47,000 G	190,000 C
PHORATE	298-02-2	[44] 37 G	[640] 540 G	10,000 C
PHTHALIC ANHYDRIDE	85-44-9	380 N	1,600 N	1,800 N
PICLORAM	1918-02-1	15,000 G	190,000 C	190,000 C
POTASSIUM PERFLUOROBUTANE SULFONATE	29420-49-3	66 G	960 G	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
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	6.2 G	30 G	10,000 C
QUIZALOFOP (ASSURE)	76578-14-8	2,000 G	29,000 G	190,000 C
RDX	121-82-4	230 G	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] 6.6 G	[960] 96 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	7.6 N	38 N	44 N
TETRACHLOROETHYLENE (PCE)	127-18-4	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	230 N	1,100 N	1,300 N
THIOFANOX	39196-18-4	66 G	960 G	190,000 C
THIRAM	137-26-8	3,300 G	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

All concentrations in mg/kg

G—Ingestion
N—Inhalation
C—Cap

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
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	[26] 260 G	[130] 1,300 G	10,000 C
TRIBROMOMETHANE (BROMOFORM)	75-25-2	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	39 N	160 N	190 N
TRICHLOROBENZENE, 1,3,5-	108-70-3	46 N	190 N	230 N
TRICHLOROETHANE, 1,1,1-	71-55-6	10,000 C	10,000 C	10,000 C
TRICHLOROETHANE, 1,1,2-	79-00-5	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
TRICHLOROPHENOXYPROPIONIC 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	27 N
TRICHLOROPROPENE, 1,2,3-	96-19-5	5.7 N	24 N	27 N
TRIETHYLAMINE	121-44-8	130 N	550 N	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	1,100 N	4,700 N	5,400 N
TRIMETHYLBENZENE, 1,3,5-	108-67-8	1,100 N	4,700 N	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	3,800 N	10,000 C	10,000 C
VINYL BROMIDE (BROMOETHENE)	593-60-2	[14] 30 N	[70] 150 N	[80] 170 N
VINYL CHLORIDE	75-01-4	0.93 G	61 G	290 N
WARFARIN	81-81-2	66 G	960 G	190,000 C
XYLENES (TOTAL)	1330-20-7	1,900 N	7,900 N	9,100 N
ZINEB	12122-67-7	11,000 G	160,000 G	190,000 C

All concentrations in mg/kg

G—Ingestion

N—Inhalation

C—Cap