

Appendix A

Table 6 – Threshold of Regulation Compounds

REGULATED SUBSTANCE	CASRN	ALL AQUIFER GROUNDWATER MSC (µg/L)	Residential Soil MSC (mg/kg) 0-15 feet	Non-Residential Soil MSCs		Soil to Groundwater <sup>1</sup> (mg/kg)
				Surface Soil (mg/kg) 0-2 feet	Subsurface Soil (mg/kg) 2-15 feet	
ACETIC ACID	64-19-7	5	100	100	100	0.5
ACETIC ANHYDRIDE	108-24-7	5	100	100	100	0.5
AMYL ACETATE, N-	628-63-7	5	100	100	100	0.5
AMYL ACETATE, SEC-	626-38-0	5	100	100	100	0.5
ANTU (ALPHA-NAPHTHYLTHIOUREA)	86-88-4	5	100	100	100	0.5
<b>[AZINPHOS-METHYL (GUTHION)]</b>	<b>[86-50-0]</b>	<b>[5]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
BHC, DELTA	319-86-8	5	100	100	100	0.5
<b>[BIS(2-CHLOROETHOXY)METHANE]</b>	<b>[111-91-1]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
BROMOPHENYL PHENYL ETHER, 4-	101-55-3	5	100	100	100	0.5
BUTYL ACETATE, N-	123-86-4	5	100	100	100	0.5
BUTYL ACETATE, SEC-	105-46-4	5	100	100	100	0.5
BUTYL ACETATE, TERT-	540-88-5	5	100	100	100	0.5
BUTYLAMINE, N-	109-73-9	5	100	100	100	0.5
CALCIUM CHROMATE	13765-19-0	5	100	100	100	0.5
CALCIUM CYANAMIDE	156-62-7	5	100	100	100	0.5
CARBONYL FLUORIDE	353-50-4	5	100	100	100	0.5
CATECHOL	120-80-9	5	100	100	100	0.5
<b>[CHLOROACETALDEHYDE]</b>	<b>[107-20-0]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
CHLOROETHYL VINYL ETHER, 2-	110-75-8	5	100	100	100	0.5
CHLOROPHENYL PHENYL ETHER, 4-	7005-72-3	5	100	100	100	0.5
DECABORANE	17702-41-9	5	100	100	100	0.5
<b>[DIETHANOLAMINE]</b>	<b>[111-42-2]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
DIETHYLAMINE	109-89-7	5	100	100	100	0.5
DIGLYCIDYL ETHER (DGE)	7/5/2238	5	100	100	100	0.5
DIMETHYL PHTHALATE	131-11-3	5	100	100	100	0.5
DIMETHYL SULFATE	77-78-1	5	100	100	100	0.5
DIMETHYLPHENETHYLAMINE, ALPHA, ALPHA-	122-09-8	5	100	100	100	0.5
DIOXATHION	78-34-2	5	100	100	100	0.5

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				Surface Soil (mg/kg) 0-2 feet	Subsurface Soil (mg/kg) 2-15 feet	
ETHYL METHANESULFONATE	62-50-0	5	100	100	100	0.5
ETHYLAMINE	75-04-7	5	100	100	100	0.5
ETHYLENE CHLORHYDRIN	107-07-3	5	100	100	100	0.5
FAMPHUR	52-85-7	5	100	100	100	0.5
FENSULFOTHION	115-90-2	5	100	100	100	0.5
HEXACHLOROPROPENE	1888-71-7	5	100	100	100	0.5
IODOMETHANE	74-88-4	5	100	100	100	0.5
ISOAMYL ACETATE	123-92-2	5	100	100	100	0.5
ISOBUTYL ACETATE	110-19-0	5	100	100	100	0.5
ISODRIN	465-73-6	5	100	100	100	0.5
ISOPHORONE DIISOCYANATE	4098-71-9	5	100	100	100	0.5
ISOSAFROLE	120-58-1	5	100	100	100	0.5
LITHIUM HYDRIDE	7580-67-8	5	100	100	100	0.5
MANGANESE CYCLOPENTADIENYL TRICARBONYL	12079-65-1	5	100	100	100	0.5
<b>[METHYL HYDRAZINE]</b>	<b>[60-34-4]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
METHYL ISOAMYL KETONE	110-12-3	5	100	100	100	0.5
<b>[METHYL ISOCYANATE]</b>	<b>[624-83-9]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
METHYL MERCAPTAN	74-93-1	5	100	100	100	0.5
METHYLAMINE	74-89-5	5	100	100	100	0.5
MEVINPHOS	7786-34-7	5	100	100	100	0.5
MONOCROTOPHOS	6923-22-4	5	100	100	100	0.5
NAPHTHOQUINONE, 1,4-	130-15-4	5	100	100	100	0.5
NITRIC ACID	7697-37-2	5	100	100	100	0.5
NITROQUINOLINE-1-OXIDE, 4-	56-57-5	5	100	100	100	0.5
OSMIUM TETROXIDE	20816-12-0	5	100	100	100	0.5
PENTABORANE	19624-22-7	5	100	100	100	0.5
<b>[PENTACHLOROETHANE]</b>	<b>[76-01-7]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
PERCHLOROMETHYL MERCAPTAN	594-42-3	5	100	100	100	0.5

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				Surface Soil (mg/kg) 0-2 feet	Subsurface Soil (mg/kg) 2-15 feet	
PICOLINE, 2-	109-06-8	5	100	100	100	0.5
PROPANOL, 1-	71-23-8	5	100	100	100	0.5
<b>[PROPANOL, 2-] [ISOPROPYLALCOHOL]</b>	<b>[67-63-0]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
PROPIONIC ACID	79-09-4	5	100	100	100	0.5
PROPIONITRILE (ETHYL CYANIDE)	107-12-0	5	100	100	100	0.5
PROPYLENE IMINE	75-55-8	5	100	100	100	0.5
PYRETHRUM	8003-34-7	5	100	100	100	0.5
QUINONE (p-BENZOQUINONE)	106-51-4	5	100	100	100	0.5
<b>[RESORCINOL]</b>	<b>[108-46-3]</b>	<b>[5]</b>	<b>[100]</b>	<b>[100]</b>	<b>[100]</b>	<b>[0.5]</b>
SELENIUM HEXAFLUORIDE	7783-79-1	5	100	100	100	0.5
SODIUM BISULFITE	7631-90-5	5	100	100	100	0.5
SULFIDE	18496-25-8	5	100	100	100	0.5
SULFUR MONOCHLORIDE	10025-67-9	5	100	100	100	0.5
SULFURIC ACID	7664-93-9	5	100	100	100	0.5
TELLURIUM	13494-80-9	5	100	100	100	0.5
TELLURIUM HEXAFLUORIDE	7783-80-4	5	100	100	100	0.5
TEPP (TETRAETHYL PYROPHOSPHATE)	107-49-3	5	100	100	100	0.5
TETRANITROMETHANE	509-14-8	5	100	100	100	0.5
THIONAZIN	297-97-2	5	100	100	100	0.5
TRIETHYLPHOSPHOROTHIOATE, O,O,O-	126-68-1	5	100	100	100	0.5

<sup>1</sup> The value in the table is 100 time the groundwater MSC.

The option to use the SPLP is also available to calculate the soil to groundwater numeric value (See §250.310)