Table A-6: 2018 Screening Levels

Chemical		Soil Exposure						Ground Water				Vapor Exposure					
		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air	
Name	CASRN	Residential (mg/kg)		Com/Ind (mg/kg)		Excavation (mg/kg)		Residential (mg/kg)		Residential (ug/L)		Residential (ug/L)		Com/Industrial (ug/L)		Residential (ug/m3)		Com/Ind (ug/m3)	
Acenaphthene	83-32-9	5000	N	45000	N	100000	L	110	N	530	N								
Acephate	30560-19-1	110	N	980	N	2100	N	0.11	N	24	N								
Acetaldehyde	75-07-0	110	N	340	N	1900	N	0.077	N	19	N					9.4	N	39	N
Acetochlor	34256-82-1	1800	N	16000	N	34000	N	5.6	N	350	N								
Acetone	67-64-1	85000	N	100000	L	100000	L	57	N	14000	N					32000	N	140000	N
Acetone Cyanohydrin	75-86-5	100000	L	100000	L	100000	L									2.1	N	8.8	N
Acetonitrile	75-05-8	1100	N	3400	N	19000	N	0.54	N	130	N					63	N	260	N
Acetophenone	98-86-2	2500	S	2500	S	2500	S	12	N	1900	N								
Acetylaminofluorene, 2-	53-96-3	2	C	6	C	320	C	0.015	C	0.16	C					0.022	C	0.094	C
Acrolein	107-02-8	0.2	N	0.6	N	3.4	N	0.00017	N	0.042	N					0.021	N	0.088	N
Acrylamide	79-06-1	3.4	C	46	C	2400	C	0.0021	C	0.5	C					0.1	C	1.2	C
Acrylic Acid	79-10-7	140	N	420	N	2300	N	0.0085	N	2.1	N					1	N	4.4	N
Acrylonitrile	107-13-1	3.5	C	11	C	370	N	0.0023	C	0.52	C					0.41	C	1.8	C
Adiponitrile	111-69-3	100000	L	100000	L	100000	L									6.3	N	26	N
Alachlor	15972-60-8	140	C	410	C	18000	N	0.033	M	2	M								
Aldicarb	116-06-3	88	N	820	N	1800	N	0.015	M	3	M								
Aldicarb Sulfone	1646-88-4	88	N	820	N	1800	N	0.0088	M	2	M								
Aldicarb sulfoxide	1646-87-3							0.018	M	4	M								
Aldrin	309-00-2	0.55	C	1.8	C	59	N	0.03	C	0.0092	C					0.0057	C	0.025	C
Allyl Alcohol	107-18-6	4.9	N	15	N	83	N	0.00086	N	0.21	N					0.1	N	0.44	N
Allyl Chloride	107-05-1	2.4	N	6.9	N	38	N	0.013	N	2.1	N					1	N	4.4	N
Aluminum	7429-90-5	100000	L	100000	L	100000	L	600000	N	20000	N					5.2	N	22	N
Aluminum metaphosphate	13776-88-0	100000	L	100000	L	100000	L			970000	N								
Aluminum Phosphide	20859-73-8	43	N	470	N	790	N			8	N								
Ametryn	834-12-8	800	N	7400	N	16000	N	3.2	N	150	N								
Aminobiphenyl, 4-	92-67-1	0.36	C	1.1	C	60	C	0.0031	C	0.03	C					0.0047	C	0.02	C
Aminophenol, m-	591-27-5	7100	N	66000	N	100000	L	12	N	1600	N								
Aminophenol, o-	95-55-6	350	N	3300	N	7000	N	0.61	N	79	N								
Aminophenol, p-	123-30-8	1800	N	16000	N	34000	N	3	N	400	N								
Amitraz	33089-61-1	220	N	2100	N	4300	N	84	N	8.2	N								
Ammonia	7664-41-7															520	N	2200	N
Ammonium Perchlorate	7790-98-9	77	N	820	N	1400	N			14	N								
Ammonium polyphosphate	68333-79-9	100000	L	100000	L	100000	L			970000	N								
Ammonium Sulfamate	7773-06-0	22000	N	100000	L	100000	L			4000	N								
Amyl Alcohol, tert-	75-85-4	110	N	340	N	1900	N	0.026	N	6.3	N					3.1	N	13	N
Aniline	62-53-3	620	N	4000	C	12000	N	0.89	C	130	C					1	N	4.4	N
Anthracene	120-12-7	25000	N	100000	L	100000	L	1200	N	1800	N								
Anthraquinone, 9,10-	84-65-1	180	N	570	C	3400	N	2.9	C	14	C								
Antimony (metallic)	7440-36-0	43	N	470	N	790	N	5.4	M	6	M								
Antimony Pentoxide	1314-60-9	55	N	580	N	980	N			9.7	N								
Antimony Tetroxide	1332-81-6	43	N	470	N	790	N			7.8	N								
Antimony Trioxide	1309-64-4	100000	L	100000	L	100000	L									0.21	N	0.88	N
Arsenic, Inorganic	7440-38-2	9.5	C	30	C	920	N	5.9	M	10	M					0.0065	C	0.029	C
Arsine	7784-42-1	0.38	N	4.1	N	6.9	N			0.07	N					0.052	N	0.22	N
Asulam	3337-71-1	3200	N	30000	N	63000	N	3.7	N	720	N								
Atrazine	1912-24-9	34	C	100	C	5200	C	0.039	C	3	C								
Auramine	492-80-8	8.7	C	26	C	1400	C	0.12	C	0.67	C					0.11	C	0.49	C
Avermectin B1	65195-55-3	35	N	330	N	700	N	280	N	8	N								
Azinphos-methyl	86-50-0	270	N	2500	N	5200	N	0.34	N	56	N					10	N	44	N
Azobenzene	103-33-3	78	C	260	C	12000	C	0.19	C	1.2	C					0.91	C	4	C
Azodicarbonamide	123-77-3	12000	N	40000	N	100000	L	140	N	20000	N					0.0073	N	0.031	N
Barium	7440-39-3	21000	N	100000	L	100000	L	1700	M	2000	M					0.52	N	2.2	N
Benfluralin	1861-40-1	550	N	5800	N	9800	N	18	N	28	N								
Benomyl	17804-35-2	4500	N	41000	N	87000	N	17	N	970	N								
Bensulfuron-methyl	83055-99-6	18000	N	100000	L	100000	L	20	N	3900	N								
Bentazon	25057-89-0	2700	N	25000	N	52000	N	2.5	N	570	N								
Benz[a]anthracene	56-55-3	15	C	210	C	12000	C	2.1	C	0.3	C					0.17	C	2	C
Benzaldehyde	100-52-7	1200	S	1200	S	1200	S	0.84	C	190	C								

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Chemical		Soil Exposure						Ground Water				Vapor Exposure							
		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air			
Name	CASRN	Residential (mg/kg)		Com/Ind (mg/kg)		Excavation (mg/kg)		Residential (mg/kg)		Residential (ug/L)		Residential (ug/L)		Com/Industrial (ug/L)		Residential (ug/m3)		Com/Ind (ug/m3)	
Benzene	71-43-2	17	C	51	C	1800	S	0.051	M	5	M	28	C	120	C	3.6	C	16	C
Benzenediamine 2-methyl sulfate, 1,4-	6369-59-1	27	N	230	C	520	N	0.033	N	6	N								
Benzenethiol	108-98-5	110	N	1200	N	1300	S	0.23	N	17	N								
Benzidine	92-87-5	0.0074	C	0.1	C	5.2	C	0.000057	C	0.0011	C					0.00015	C	0.0018	C
Benzo(j)fluoranthene	205-82-3	5.9	C	18	C	980	C	16	C	0.65	C					0.26	C	1.1	C
Benzo[a]pyrene	50-32-8	1.5	C	21	C	500	N	4.7	M	0.2	M					0.0021	N	0.0088	N
Benzo[b]fluoranthene	205-99-2	15	C	210	C	12000	C	60	C	2.5	C					0.17	C	2	C
Benzo[k]fluoranthene	207-08-9	150	C	2100	C	100000	L	590	C	25	C					1.7	C	20	C
Benzoic Acid	65-85-0	100000	L	100000	L	100000	L	300	N	75000	N								
Benzotrichloride	98-07-7	0.74	C	2.5	C	110	C	0.0013	C	0.03	C								
Benzyl Alcohol	100-51-6	8800	N	82000	N	100000	L	9.7	N	2000	N								
Benzyl Chloride	100-44-7	15	C	46	C	530	N	0.019	C	0.89	C					0.57	C	2.5	C
Beryllium and compounds	7440-41-7	220	N	2300	N	3800	N	63	M	4	M					0.012	C	0.051	C
Bifenox	42576-02-3	600	N	7400	N	16000	N	15	N	100	N								
Biphenthrin	82657-04-3	1300	N	12000	N	27000	N	27000	N	300	N								
Biphenyl, 1,1'-	92-52-4	66	N	200	N	1100	N	0.17	N	0.83	N					0.42	N	1.8	N
Bis(2-chloro-1-methylethyl) ether	108-60-1	1000	S	1000	S	1000	S	5.2	N	710	N								
Bis(2-chloroethoxy)methane	111-91-1	270	N	2500	N	5200	N	0.27	N	59	N								
Bis(2-chloroethyl)ether	111-44-4	3.2	C	10	C	810	C	0.00074	C	0.14	C					0.085	C	0.37	C
Bis(2-ethylhexyl)phthalate	117-81-7	550	C	1600	C	34000	N	29	M	6	M					12	C	51	C
Bis(chloromethyl)ether	542-88-1	0.0012	C	0.0036	C	0.48	C	0.0000034	C	0.00072	C					0.00045	C	0.002	C
Bisphenol A	80-05-7	4500	N	41000	N	87000	N	1200	N	770	N								
Boron And Borates Only	7440-42-8	22000	N	100000	L	100000	L	260	N	4000	N					21	N	88	N
Boron Trichloride	10294-34-5	100000	L	100000	L	100000	L			42	N					21	N	88	N
Boron Trifluoride	7637-07-2	4300	N	47000	N	79000	N			26	N					14	N	57	N
Bromate	15541-45-4	14	C	47	C	2000	C	1.6	M	10	M								
Bromo-2-chloroethane, 1-	107-04-0	0.36	C	1.1	C	130	C	0.00042	C	0.074	C					0.047	C	0.2	C
Bromo-3-fluorobenzene, 1-	1073-06-9	32	N	350	N	590	N	0.094	N	4.9	N								
Bromo-4-fluorobenzene, 1-	460-00-4	32	N	320	S	320	S	0.088	N	4.6	N								
Bromobenzene	108-86-1	410	N	680	S	680	S	0.84	N	62	N					63	N	260	N
Bromochloromethane	74-97-5	210	N	630	N	3500	N	0.41	N	83	N					42	N	180	N
Bromodichloromethane	75-27-4	4.1	C	13	C	930	S	0.43	M	80	M					0.76	C	3.3	C
Bromoform	75-25-2	270	C	860	C	920	S	0.42	M	80	M					26	C	110	C
Bromomethane	74-83-9	9.5	N	30	N	160	N	0.038	N	7.5	N					5.2	N	22	N
Bromophos	2104-96-3	550	N	5800	N	9800	N	3	N	35	N								
Bromopropane, 1-	106-94-5	310	N	940	N	970	S	1.3	N	210	N					100	N	440	N
Bromoxynil	1689-84-5	74	C	220	C	12000	C	0.1	C	6.1	C								
Bromoxynil Octanoate	1689-99-2	1700	N	18000	N	30000	N	17	N	100	N								
Butadiene, 1,3-	106-99-0	0.81	C	2.6	C	42	N	0.0019	C	0.18	C					0.94	C	4.1	C
Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6	2700	N	25000	N	52000	N	8.5	N	450	N								
Butanol, N-	71-36-3	7600	S	7600	S	7600	S	8.3	N	2000	N								
Butyl alcohol, sec-	78-92-2	21000	S	21000	S	21000	S	99	N	24000	N					31000	N	130000	N
Butyl Benzyl Phthalate	85-68-7	4100	C	12000	C	100000	L	46	C	160	C								
Butylate	2008-41-5	5500	N	58000	N	98000	N	8.9	N	460	N								
Butylated hydroxyanisole	25013-16-5	38000	C	100000	L	100000	L	56	C	1500	C					490	C	2200	C
Butylated hydroxytoluene	128-37-0	2100	C	6400	C	100000	L	20	C	34	C								
Butylbenzene, n-	104-51-8	110	S	110	S	110	S	64	N	1000	N								
Butylbenzene, sec-	135-98-8	150	S	150	S	150	S	120	N	2000	N								
Butylbenzene, tert-	98-06-6	180	S	180	S	180	S	31	N	690	N								
Butylphthalyl Butylglycolate	85-70-1	88000	N	100000	L	100000	L	5900	N	13000	N								
Cacodylic Acid	75-60-5	1800	N	16000	N	34000	N	2.3	N	400	N								
Cadmium (Diet)	7440-43-9	99	N	980	N	1900	N												
Cadmium (Water)	7440-43-9							7.5	M	5	M					0.01	N	0.044	N
Calcium Cyanide	592-01-8	110	N	1200	N	2000	N			20	N								
Calcium pyrophosphate	7790-76-3	100000	L	100000	L	100000	L			970000	N								
Caprolactam	105-60-2	43000	N	100000	L	100000	L	49	N	9900	N					2.3	N	9.6	N
Captafol	2425-06-1	50	C	150	C	3400	N	0.14	C	4	C					0.65	C	2.9	C
Captan	133-06-2	3400	C	10000	C	100000	L	4.4	C	310	C					43	C	190	C

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Chemical		Soil Exposure						Ground Water				Vapor Exposure							
		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air			
Name	CASRN	Residential (mg/kg)		Com/Ind (mg/kg)		Excavation (mg/kg)		Residential (mg/kg)		Residential (ug/L)		Residential (ug/L)		Com/Industrial (ug/L)		Residential (ug/m3)		Com/Ind (ug/m3)	
Carbaryl	63-25-2	8800	N	82000	N	100000	L	33	N	1800	N								
Carbofuran	1563-66-2	450	N	4100	N	8700	N	0.31	M	40	M								
Carbon Disulfide	75-15-0	740	S	740	S	740	S	4.8	N	810	N					730	N	3100	N
Carbon Tetrachloride	56-23-5	9.1	C	29	C	460	S	0.039	M	5	M	6.5	C	28	C	4.7	C	20	C
Carbonyl Sulfide	463-58-1	94	N	280	N	1600	N	9.9	N	210	N					100	N	440	N
Carbosulfan	55285-14-8	880	N	8200	N	18000	N	25	N	51	N								
Carboxin	5234-68-4	8800	N	82000	N	100000	L	20	N	1900	N								
Ceric oxide	1306-38-3	100000	L	100000	L	100000	L									0.94	N	3.9	N
Chloral Hydrate	302-17-0	11000	N	100000	L	100000	L	8.1	N	2000	N								
Chloramben	133-90-4	1300	N	12000	N	27000	N	1.4	N	290	N								
Chloranil	118-75-2	18	C	57	C	3000	C	0.029	C	1.8	C								
Chlordane	12789-03-6	24	C	77	C	900	N	5.4	M	2	M					0.28	C	1.2	C
Chlordecone (Kepone)	143-50-0	0.76	C	2.3	C	120	C	0.025	C	0.035	C					0.0061	C	0.027	C
Chlorfenvinphos	470-90-6	62	N	570	N	1200	N	0.6	N	11	N								
Chlorimuron, Ethyl-	90982-32-4	8000	N	74000	N	100000	L	12	N	1800	N								
Chlorine	7782-50-5	0.25	N	0.78	N	4.3	N	0.0029	N	0.3	N					0.15	N	0.64	N
Chlorine Dioxide	10049-04-4	3200	N	34000	N	58000	N			0.42	N					0.21	N	0.88	N
Chlorite (Sodium Salt)	7758-19-2	3200	N	35000	N	59000	N			1000	M								
Chloro-1,1-difluoroethane, 1-	75-68-3	1200	S	1200	S	1200	S	990	N	100000	N					52000	N	220000	N
Chloro-1,3-butadiene, 2-	126-99-8	0.14	C	0.44	C	61	C	0.002	C	0.19	C					0.094	C	0.41	C
Chloro-2-methylaniline HCl, 4-	3165-93-3	17	C	50	C	2700	C	0.031	C	1.7	C								
Chloro-2-methylaniline, 4-	95-69-2	76	C	230	C	5200	N	0.08	C	7	C					0.36	C	1.6	C
Chloroacetaldehyde, 2-	107-20-0	36	C	120	C	5100	C	0.012	C	2.9	C								
Chloroacetic Acid	79-11-8							0.24	M	60	M								
Chloroacetophenone, 2-	532-27-4	60000	N	100000	L	100000	L									0.031	N	0.13	N
Chloroaniline, p-	106-47-8	38	C	110	C	6000	C	0.031	C	3.7	C								
Chlorobenzene	108-90-7	390	N	760	S	760	S	1.4	M	100	M					52	N	220	N
Chlorobenzene sulfonic acid, p-	98-66-8	8800	N	82000	N	100000	L	9.3	N	2000	N								
Chlorobenzilate	510-15-6	69	C	210	C	11000	C	0.2	C	3.1	C					0.91	C	4	C
Chlorobenzoic Acid, p-	74-11-3	2700	N	25000	N	52000	N	2.6	N	510	N								
Chlorobenzotrifluoride, 4-	98-56-6	290	S	290	S	290	S	2.5	N	35	N					310	N	1300	N
Chlorobutane, 1-	109-69-3	730	S	730	S	730	S	5.2	N	640	N								
Chlorodifluoromethane	75-45-6	1700	S	1700	S	1700	S	810	N	100000	N					52000	N	220000	N
Chloroethanol, 2-	107-07-3	2200	N	23000	N	39000	N	1.6	N	400	N								
Chloroform	67-66-3	4.5	C	14	C	1900	C	0.44	M	80	M					1.2	C	5.3	C
Chloromethane	74-87-3	150	N	460	N	1300	S	0.98	N	190	N					94	N	390	N
Chloromethyl Methyl Ether	107-30-2	0.28	C	0.89	C	110	C	0.00028	C	0.065	C					0.041	C	0.18	C
Chloronaphthalene, Beta-	91-58-7	6700	N	60000	N	100000	L	77	N	750	N								
Chloronitrobenzene, o-	88-73-3	25	C	77	C	4100	C	0.045	C	2.4	C					0.01	N	0.044	N
Chloronitrobenzene, p-	100-00-5	62	N	380	C	1200	N	0.22	C	12	C					2.1	N	8.8	N
Chlorophenol, 2-	95-57-8	550	N	5800	N	9800	N	1.8	N	91	N								
Chloropicrin	76-06-2	2.8	N	8.2	N	46	N	0.0049	N	0.83	N					0.42	N	1.8	N
Chlorothalonil	1897-45-6	1300	N	7400	C	27000	N	10	C	220	C					32	C	140	C
Chlorotoluene, o-	95-49-8	910	S	910	S	910	S	4.7	N	240	N								
Chlorotoluene, p-	106-43-4	250	S	250	S	250	S	4.8	N	250	N								
Chlorozotocin	54749-90-5	0.032	C	0.096	C	5.2	C	0.000014	C	0.0032	C					0.00041	C	0.0018	C
Chlorpropham	101-21-3	4500	N	41000	N	87000	N	13	N	710	N								
Chlorpyrifos	2921-88-2	88	N	820	N	1800	N	2.5	N	8.4	N								
Chlorpyrifos Methyl	5598-13-0	880	N	8200	N	18000	N	11	N	120	N								
Chlorsulfuron	64902-72-3	1800	N	16000	N	34000	N	6.6	N	390	N								
Chlorthal-dimethyl	1861-32-1	880	N	8200	N	18000	N	2.9	N	120	N								
Chlorthiophos	60238-56-4	71	N	660	N	1400	N	1.4	N	2.8	N								
Chromium(III), Insoluble Salts	16065-83-1	100000	L	100000	L	100000	L	1000000	R	22000	N								
Chromium(VI)	18540-29-9	4.2	C	63	C	2700	C	0.14	C	0.35	C					0.00012	C	0.0015	C
Chromium, Total	7440-47-3							1000000	R	100	M								
Chrysene	218-01-9	1500	C	21000	C	100000	L	1800	C	250	C					17	C	200	C
Clofentezine	74115-24-5	1100	N	11000	N	22000	N	280	N	230	N								
Cobalt	7440-48-4	32	N	350	N	590	N	5.4	N	6	N					0.0031	C	0.014	C

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		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air	
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Coke Oven Emissions	8007-45-2															0.016	C	0.2	C
Copper	7440-50-8	4300	N	47000	N	79000	N	920	M	1300	M								
Copper Cyanide	544-92-3	550	N	5800	N	9800	N			100	N								
Cresol, m-	108-39-4	4500	N	41000	N	87000	N	15	N	930	N					630	N	2600	N
Cresol, o-	95-48-7	4500	N	41000	N	87000	N	15	N	930	N					630	N	2600	N
Cresol, p-	106-44-5	8800	N	82000	N	100000	L	30	N	1900	N					630	N	2600	N
Cresol, p-chloro-m-	59-50-7	8800	N	82000	N	100000	L	33	N	1400	N								
Cresols	1319-77-3	8800	N	82000	N	100000	L	24	N	1500	N					630	N	2600	N
Crotonaldehyde, trans-	123-73-9	5.2	C	17	C	720	C	0.0016	C	0.4	C								
Cumene	98-82-8	270	S	270	S	270	S	15	N	450	N					420	N	1800	N
Cupferron	135-20-6	35	C	100	C	5600	C	0.12	C	3.5	C					0.45	C	1.9	C
Cyanazine	21725-46-2	9.1	C	27	C	1500	C	0.0082	C	0.88	C								
Cyanide (CN-)	57-12-5	32	N	150	N	560	N	40	M	200	M					0.83	N	3.5	N
Cyanogen	460-19-5	110	N	1200	N	2000	N			20	N								
Cyanogen Bromide	506-68-3	9800	N	100000	L	100000	L			1800	N								
Cyanogen Chloride	506-77-4	5500	N	58000	N	98000	N			1000	N								
Cyclohexane	110-82-7	120	S	120	S	120	S	270	N	13000	N					6300	N	26000	N
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	380	C	1100	C	34000	N	3.3	C	28	C								
Cyclohexanone	108-94-1	5100	S	5100	S	5100	S	6.6	N	1400	N					730	N	3100	N
Cyclohexene	110-83-8	280	S	280	S	280	S	0.91	N	70	N					1000	N	4400	N
Cyclohexylamine	108-91-8	22000	N	100000	L	100000	L	20	N	3800	N								
Cyfluthrin	68359-37-5	2200	N	21000	N	43000	N	630	N	120	N								
Cyhalothrin	68085-85-8	88	N	820	N	1800	N	270	N	20	N								
Cypermethrin	52315-07-8	5300	N	49000	N	100000	L	3800	N	1200	N								
Cyromazine	66215-27-8	1300	N	12000	N	27000	N	1.5	N	300	N								
Dalapon	75-99-0	2700	N	25000	N	52000	N	0.83	M	200	M								
Daminozide	1596-84-5	420	C	1300	C	67000	C	0.19	C	43	C					5.5	C	24	C
DDD, p,p' - (DDD)	72-54-8	2.7	N	25	N	52	N	0.3	N	0.063	N					0.41	C	1.8	C
DDE, p,p'-	72-55-9	28	C	93	C	590	N	2.2	C	0.46	C					0.29	C	1.3	C
DDT	50-29-3	27	C	85	C	940	N	16	C	2.3	C					0.29	C	1.3	C
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE	1163-19-5	620	N	5700	N	12000	N	1500	N	140	N								
Demeton	8065-48-3	3.5	N	33	N	70	N			0.42	N								
Di(2-ethylhexyl)adipate	103-23-1	6300	C	19000	C	100000	L	580	M	400	M								
Diallate	2303-16-4	120	C	380	C	20000	C	0.16	C	5.4	C								
Diammonium phosphate	7783-28-0	100000	L	100000	L	100000	L			970000	N								
Diazinon	333-41-5	62	N	570	N	1200	N	1.3	N	10	N								
Dibenz[a,h]anthracene	53-70-3	1.5	C	21	C	1200	C	19	C	0.25	C					0.017	C	0.2	C
Dibenzo(a,e)pyrene	192-65-4	0.59	C	1.8	C	98	C	17	C	0.065	C					0.026	C	0.11	C
Dibenzofuran	132-64-9	100	N	1000	N	1900	N	2.9	N	7.9	N								
Dibenzothiophene	132-65-0	1100	N	12000	N	20000	N	24	N	65	N								
Dibromo-3-chloropropane, 1,2-	96-12-8	0.074	C	0.64	C	86	C	0.0017	M	0.2	M					0.0017	C	0.02	C
Dibromobenzene, 1,3-	108-36-1	43	N	160	S	160	S	0.1	N	5.3	N								
Dibromobenzene, 1,4-	106-37-6	1100	N	12000	N	20000	N	2.5	N	130	N								
Dibromochloromethane	124-48-1	120	C	390	C	800	S	0.43	M	80	M								
Dibromoethane, 1,2-	106-93-4	0.5	C	1.6	C	180	C	0.00028	M	0.05	M					0.047	C	0.2	C
Dibromomethane (Methylene Bromide)	74-95-3	34	N	99	N	550	N	0.041	N	8.3	N					4.2	N	18	N
Dibutyl Phthalate	84-74-2	8800	N	82000	N	100000	L	45	N	900	N								
Dibutyltin Compounds	E1790660	27	N	250	N	520	N			6	N								
Dicalcium phosphate	7757-93-9	100000	L	100000	L	100000	L			970000	N								
Dicamba	1918-00-9	2700	N	25000	N	52000	N	2.9	N	570	N								
Dichloro-2-butene, 1,4-	764-41-0	0.029	C	0.094	C	13	C	0.00013	C	0.013	C					0.0067	C	0.029	C
Dichloro-2-butene, cis-1,4-	1476-11-5	0.1	C	0.32	C	44	C	0.00012	C	0.013	C					0.0067	C	0.029	C
Dichloro-2-butene, trans-1,4-	110-57-6	0.1	C	0.32	C	44	C	0.00012	C	0.013	C					0.0067	C	0.029	C
Dichloroacetic Acid	79-43-6	150	C	460	C	7000	N	0.25	M	60	M								
Dichlorobenzene, 1,2-	95-50-1	380	S	380	S	380	S	12	M	600	M					210	N	880	N
Dichlorobenzene, 1,4-	106-46-7	36	C	110	C	16000	C	1.4	M	75	M					2.6	C	11	C
Dichlorobenzidine, 3,3'-	91-94-1	17	C	51	C	2700	C	0.17	C	1.3	C					0.083	C	0.36	C
Dichlorobenzophenone, 4,4'-	90-98-2	800	N	7400	N	16000	N	9.4	N	78	N								

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Dichlorodifluoromethane	75-71-8	120 N	370 N	850 S	6 N	200 N			100 N	440 N
Dichloroethane, 1,1-	75-34-3	50 C	160 C	1700 S	0.16 C	28 C	130 C	550 C	18 C	77 C
Dichloroethane, 1,2-	107-06-2	6.4 C	20 C	730 N	0.028 M	5 M	50 C	210 C	1.1 C	4.7 C
Dichloroethylene, 1,1-	75-35-4	320 N	1000 N	1200 S	0.05 M	7 M	300 N	1300 N	210 N	880 N
Dichloroethylene, 1,2-cis-	156-59-2	220 N	2300 N	2400 S	0.41 M	70 M				
Dichloroethylene, 1,2-trans-	156-60-5	1900 S	1900 S	1900 S	0.62 M	100 M				
Dichlorophenol, 2,4-	120-83-2	270 N	2500 N	5200 N	0.45 N	46 N				
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	980 N	9600 N	19000 N	0.36 M	70 M				
Dichloropropane, 1,2-	78-87-5	22 N	66 N	360 N	0.033 M	5 M			4.2 N	18 N
Dichloropropene, 1,3-	142-28-9	1500 S	1500 S	1500 S	2.6 N	370 N				
Dichloropropanol, 2,3-	616-23-9	270 N	2500 N	5200 N	0.25 N	59 N				
Dichloropropene, 1,3-	542-75-6	25 C	82 C	1600 S	0.034 C	4.7 C			7 C	31 C
Dichlorvos	62-73-7	27 C	79 C	870 N	0.016 C	2.6 C			0.34 C	1.5 C
Dicrotophos	141-66-2	6.2 N	57 N	120 N	0.0065 N	1.4 N				
Dicyclopentadiene	77-73-6	1.8 N	5.4 N	30 N	0.043 N	0.63 N			0.31 N	1.3 N
Dieldrin	60-57-1	0.48 C	1.4 C	75 C	0.015 C	0.018 C			0.0061 C	0.027 C
Diesel Engine Exhaust	E17136615								0.094 C	0.41 C
Diethanolamine	111-42-2	180 N	1600 N	3400 N	0.16 N	40 N			0.21 N	0.88 N
Diethyl Phthalate	84-66-2	71000 N	100000 L	100000 L	120 N	15000 N				
Diethylene Glycol Monobutyl Ether	112-34-5	2700 N	24000 N	51000 N	2.6 N	600 N			0.1 N	0.44 N
Diethylene Glycol Monoethyl Ether	111-90-0	5300 N	48000 N	100000 L	4.8 N	1200 N			0.31 N	1.3 N
Diethylformamide	617-84-5	110 N	1200 N	2000 N	0.082 N	20 N				
Diethylstilbestrol	56-53-1	0.022 C	0.066 C	3.5 C	0.0056 C	0.00051 C			0.00028 C	0.0012 C
Difenzoquat	43222-48-6	7300 N	68000 N	100000 L		1700 N				
Diflubenzuron	35367-38-5	1800 N	16000 N	34000 N	6.5 N	290 N				
Difluoroethane, 1,1-	75-37-6	1400 S	1400 S	1400 S	560 N	83000 N			42000 N	180000 N
Difluoropropane, 2,2-	420-45-1	690 S	690 S	690 S	2700 N	63000 N			31000 N	130000 N
Dihydrosafrole	94-58-6	140 C	450 C	26000 C	0.037 C	3 C			2.2 C	9.4 C
Diisopropyl Ether	108-20-3	2300 S	2300 S	2300 S	7.6 N	1500 N			730 N	3100 N
Diisopropyl Methylphosphonate	1445-75-6	530 S	530 S	530 S	9.1 N	1600 N				
Dimagnesium phosphate	7782-75-4	100000 L	100000 L	100000 L		970000 N				
Dimethipin	55290-64-7	2000 N	18000 N	37000 N	1.9 N	440 N				
Dimethoate	60-51-5	200 N	1800 N	3900 N	0.2 N	44 N				
Dimethoxybenzidine, 3,3'-	119-90-4	4.8 C	14 C	750 C	0.011 C	0.47 C				
Dimethyl methylphosphonate	756-79-6	4500 C	14000 C	100000 L	1.9 C	460 C				
Dimethylamino azobenzene [p-]	60-11-7	1.7 C	5 C	270 C	0.0043 C	0.05 C			0.022 C	0.094 C
Dimethylaniline HCl, 2,4-	21436-96-4	13 C	40 C	2100 C	0.023 C	1.3 C				
Dimethylaniline, 2,4-	95-68-1	38 C	110 C	3400 N	0.042 C	3.7 C				
Dimethylaniline, N,N-	121-69-7	220 N	830 S	830 S	0.18 C	25 C				
Dimethylbenz(a)anthracene, 7,12-	57-97-6	0.0064 C	0.084 C	4.7 C	0.02 C	0.001 C			0.00014 C	0.0017 C
Dimethylbenzidine, 3,3'-	119-93-7	0.69 C	2.1 C	110 C	0.0086 C	0.065 C				
Dimethylformamide	68-12-2	3600 N	15000 N	64000 N	0.25 N	61 N			31 N	130 N
Dimethylhydrazine, 1,1-	57-14-7	0.08 N	0.24 N	1.3 N	0.000019 N	0.0042 N			0.0021 N	0.0088 N
Dimethylhydrazine, 1,2-	540-73-8	0.012 C	0.041 C	2.2 C	0.0000013 C	0.00028 C			0.00018 C	0.00077 C
Dimethylphenol, 2,4-	105-67-9	1800 N	16000 N	34000 N	8.5 N	360 N				
Dimethylphenol, 2,6-	576-26-1	53 N	490 N	1000 N	0.26 N	11 N				
Dimethylphenol, 3,4-	95-65-8	88 N	820 N	1800 N	0.43 N	18 N				
Dimethylterephthalate	120-61-6	11000 N	100000 L	100000 L	10 N	1900 N				
Dimethylvinylchloride	513-37-1	15 C	48 C	470 S	0.021 C	3.3 C			2.2 C	9.4 C
Dinitrobenzene, 1,2-	528-29-0	8.8 N	82 N	180 N	0.035 N	1.9 N				
Dinitrobenzene, 1,3-	99-65-0	8.8 N	82 N	180 N	0.036 N	2 N				
Dinitrobenzene, 1,4-	100-25-4	8.8 N	82 N	180 N	0.036 N	2 N				
Dinitro-o-cresol, 4,6-	534-52-1	7.1 N	66 N	140 N	0.051 N	1.5 N				
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	180 N	1600 N	3400 N	15 N	23 N				
Dinitrophenol, 2,4-	51-28-5	180 N	1600 N	3400 N	0.87 N	39 N				
Dinitrotoluene Mixture, 2,4/2,6-	E1615210	11 C	34 C	1800 C	0.03 C	1.1 C				
Dinitrotoluene, 2,4-	121-14-2	24 C	74 C	3400 N	0.065 C	2.4 C			0.32 C	1.4 C
Dinitrotoluene, 2,6-	606-20-2	5 C	15 C	520 N	0.013 C	0.49 C				

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure						Ground Water				Vapor Exposure					
		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air	
Name	CASRN	Residential (mg/kg)		Com/Ind (mg/kg)		Excavation (mg/kg)		Residential (mg/kg)		Residential (ug/L)		Residential (ug/L)		Com/Industrial (ug/L)		Residential (ug/m3)		Com/Ind (ug/m3)	
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	210	N	2300	N	3800	N	0.6	N	39	N								
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	210	N	2300	N	3800	N	0.6	N	39	N								
Dinitrotoluene, Technical grade	25321-14-6	17	C	51	C	1600	N	0.027	C	1	C								
Dinoseb	88-85-7	88	N	820	N	1800	N	1.2	M	7	M								
Dioxane, 1,4-	123-91-1	74	C	240	C	13000	C	0.019	C	4.6	C					5.6	C	25	C
Dioxin: Hexachlorodibenzo-p-dioxin, Mixture		0.0014	C	0.0047	C	0.21	C	0.0036	C	0.00013	C					0.000022	C	0.000094	C
Dioxin: TCDD, 2,3,7,8-	1746-01-6	0.000067	C	0.00022	C	0.0013	N	0.0003	M	0.00003	M					0.00000074	C	0.0000032	C
Diphenamid	957-51-7	2700	N	25000	N	52000	N	100	N	530	N								
Diphenyl Ether	101-84-8	48	N	140	N	780	N	0.068	N	0.83	N					0.42	N	1.8	N
Diphenyl Sulfone	127-63-9	71	N	660	N	1400	N	0.73	N	15	N								
Diphenylamine	122-39-4	8800	N	82000	N	100000	L	48	N	1300	N								
Diphenylhydrazine, 1,2-	122-66-7	9.5	C	29	C	1500	C	0.05	C	0.78	C					0.13	C	0.56	C
Dipotassium phosphate	7758-11-4	100000	L	100000	L	100000	L			970000	N								
Diquat	85-00-7	200	N	1800	N	3900	N	7.5	M	20	M								
Direct Black 38	1937-37-7	1.1	C	3.2	C	170	C	1100	C	0.11	C					0.0002	C	0.00088	C
Direct Blue 6	2602-46-2	1	C	3.1	C	160	C	3500	C	0.11	C					0.0002	C	0.00088	C
Direct Brown 95	16071-86-6	1.1	C	3.4	C	180	C			0.12	C					0.0002	C	0.00088	C
Disodium phosphate	7558-79-4	100000	L	100000	L	100000	L			970000	N								
Disulfoton	298-04-4	3.5	N	33	N	70	N	0.019	N	0.5	N								
Dithiane, 1,4-	505-29-3	1100	N	12000	N	20000	N	2	N	200	N								
Diuron	330-54-1	180	N	1600	N	3400	N	0.3	N	36	N								
Dodine	2439-10-3	1800	N	16000	N	34000	N	41	N	400	N								
Endosulfan	115-29-7	660	N	7000	N	12000	N	27	N	100	N								
Endothall	145-73-3	1800	N	16000	N	34000	N	0.48	M	100	M								
Endrin	72-20-8	27	N	250	N	520	N	1.6	M	2	M								
Epichlorohydrin	106-89-8	27	N	82	N	440	N	0.0088	N	2	N					1	N	4.4	N
Epoxybutane, 1,2-	106-88-7	220	N	670	N	3700	N	0.19	N	42	N					21	N	88	N
EPTC	759-94-4	5500	N	58000	N	98000	N	7.9	N	750	N								
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	3500	N	33000	N	70000	N	3.2	N	800	N								
Ethephon	16672-87-0	450	N	4100	N	8700	N	0.42	N	100	N								
Ethion	563-12-2	45	N	410	N	870	N	0.17	N	4.3	N								
Ethoxyethanol Acetate, 2-	111-15-9	3600	N	14000	N	24000	S	0.5	N	120	N					63	N	260	N
Ethoxyethanol, 2-	110-80-5	7300	N	47000	N	100000	L	1.4	N	340	N					210	N	880	N
Ethyl Acetate	141-78-6	870	N	2600	N	11000	S	0.59	N	140	N					73	N	310	N
Ethyl Acrylate	140-88-5	66	N	210	N	1100	N	0.062	N	14	N					8.3	N	35	N
Ethyl Chloride (Chloroethane)	75-00-3	2100	S	2100	S	2100	S	120	N	21000	N					10000	N	44000	N
Ethyl Ether	60-29-7	10000	S	10000	S	10000	S	17	N	3900	N								
Ethyl Methacrylate	97-63-2	1100	S	1100	S	1100	S	3	N	630	N					310	N	1300	N
Ethylbenzene	100-41-4	81	C	250	C	480	S	16	M	700	M					11	C	49	C
Ethylene Cyanohydrin	109-78-4	6200	N	57000	N	100000	L	5.7	N	1400	N								
Ethylene Diamine	107-15-3	9800	N	100000	L	100000	L	8.3	N	1800	N								
Ethylene Glycol	107-21-1	100000	L	100000	L	100000	L	160	N	40000	N					420	N	1800	N
Ethylene Glycol Monobutyl Ether	111-76-2	8800	N	82000	N	100000	L	8.2	N	2000	N					1700	N	7000	N
Ethylene Oxide	75-21-8	0.028	C	0.25	C	34	C	0.000028	C	0.0067	C					0.0034	C	0.041	C
Ethylene Thiourea	96-45-7	7.1	N	66	N	140	N	0.0072	N	1.6	N					2.2	C	9.4	C
Ethyleneimine	151-56-4	0.038	C	0.12	C	10	C	0.00001	C	0.0024	C					0.0015	C	0.0065	C
Ethylphthalyl Ethyl Glycolate	84-72-0	100000	L	100000	L	100000	L	2600	N	58000	N								
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	0.88	N	8.2	N	18	N	0.055	N	0.089	N								
Fenamiphos	22224-92-6	22	N	210	N	430	N	0.088	N	4.4	N								
Fenpropathrin	39515-41-8	2200	N	21000	N	43000	N	58	N	64	N								
Fenvalerate	51630-58-1	2200	N	21000	N	43000	N	6300	N	500	N								
Fluometuron	2164-17-2	1100	N	11000	N	22000	N	3.7	N	240	N								
Fluoranthene	206-44-0	3400	N	30000	N	68000	N	1800	N	800	N								
Fluorene	86-73-7	3400	N	30000	N	68000	N	110	N	290	N								
Fluoride	16984-48-8	4300	N	47000	N	79000	N			800	N					14	N	57	N
Fluorine (Soluble Fluoride)	7782-41-4	6600	N	70000	N	100000	L	12000	M	4000	M					14	N	57	N
Fluridone	59756-60-4	7100	N	66000	N	100000	L	3200	N	1400	N								
Flurprimidol	56425-91-3	1300	N	12000	N	27000	N	24	N	260	N								

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Flusilazole	85509-19-9	180 N	1600 N	3400 N	100 N	31 N				
Flutolanil	66332-96-5	45000 N	100000 L	100000 L	840 N	7900 N				
Fluvalinate	69409-94-5	880 N	8200 N	18000 N	5800 N	200 N				
Folpet	133-07-3	8000 N	74000 N	100000 L	7.5 N	1600 N				
Fomesafen	72178-02-0	220 N	2100 N	4300 N	3.2 N	48 N				
Fonofos	944-22-9	180 N	1600 N	3400 N	0.92 N	24 N				
Formaldehyde	50-00-0	240 C	730 C	18000 N	0.017 C	4.3 C			2.2 C	9.4 C
Formic Acid	64-18-6	41 N	120 N	670 N	0.0025 N	0.63 N			0.31 N	1.3 N
Fosetyl-AL	39148-24-8	100000 L	100000 L	100000 L	13000 N	50000 N				
Furan	110-00-9	100 N	1000 N	1900 N	0.14 N	19 N				
Furazolidone	67-45-8	2 C	6 C	320 C	0.0077 C	0.2 C				
Furfural	98-01-1	290 N	2600 N	5400 N	0.16 N	38 N			52 N	220 N
Furium	531-82-8	5 C	15 C	820 C	0.014 C	0.51 C			0.065 C	0.29 C
Furmecyclox	60568-05-0	250 C	770 C	41000 C	0.23 C	11 C			3.3 C	14 C
Glufosinate, Ammonium	77182-82-2	530 N	4900 N	10000 N	0.53 N	120 N				
Glutaraldehyde	111-30-8	8400 N	70000 N	100000 L	8.1 N	2000 N			0.083 N	0.35 N
Glycidyl	765-34-4	32 N	210 N	570 N	0.0069 N	1.7 N			1 N	4.4 N
Glyphosate	1071-83-6	8800 N	82000 N	100000 L	62 M	700 M				
Guanidine	113-00-8	1100 N	12000 N	20000 N	0.9 N	200 N				
Guanidine Chloride	50-01-1	1800 N	16000 N	34000 N		400 N				
Guanidine Nitrate	506-93-4	2700 N	25000 N	52000 N	2.9 N	600 N				
Haloxyfop, Methyl	69806-40-2	4.5 N	41 N	87 N	0.17 N	0.76 N				
Heptachlor	76-44-8	1.8 C	6.3 C	290 C	0.66 M	0.4 M			0.022 C	0.094 C
Heptachlor Epoxide	1024-57-3	0.98 C	3.3 C	25 N	0.082 M	0.2 M			0.011 C	0.047 C
Heptanal, n-	111-71-7	34 N	100 N	210 S	0.028 N	6.3 N			3.1 N	13 N
Heptane, N-	142-82-5	31 N	58 S	58 S	0.93 N	6 N			420 N	1800 N
Hexabromobenzene	87-82-1	220 N	2300 N	3900 N	4.7 N	40 N				
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	18 N	160 N	340 N		4 N				
Hexachlorobenzene	118-74-1	2.9 C	9.6 C	630 C	0.25 M	1 M			0.061 C	0.27 C
Hexachlorobutadiene	87-68-3	17 C	17 S	17 S	0.054 C	1.4 C			1.3 C	5.6 C
Hexachlorocyclohexane, Alpha-	319-84-6	1.2 C	3.6 C	190 C	0.0084 C	0.072 C			0.016 C	0.068 C
Hexachlorocyclohexane, Beta-	319-85-7	4.2 C	13 C	670 C	0.029 C	0.25 C			0.053 C	0.23 C
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	8 C	25 C	560 N	0.023 M	0.2 M			0.091 C	0.4 C
Hexachlorocyclohexane, Technical	608-73-1	4.2 C	13 C	670 C	0.029 C	0.25 C			0.055 C	0.24 C
Hexachlorocyclopentadiene	77-47-4	2.5 N	7.5 N	16 S	3.1 M	50 M			0.21 N	0.88 N
Hexachloroethane	67-72-1	25 C	80 C	1100 N	0.04 C	3.3 C			2.6 C	11 C
Hexachlorophene	70-30-4	27 N	250 N	520 N	160 N	6 N				
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	85 C	280 C	5800 N	0.053 C	7 C				
Hexamethylene Diisocyanate, 1,6-	822-06-0	4.3 N	13 N	72 N	0.0041 N	0.021 N			0.01 N	0.044 N
Hexamethylphosphoramide	680-31-9	35 N	330 N	700 N	0.035 N	8 N				
Hexane, N-	110-54-3	140 S	140 S	140 S	210 N	1500 N			730 N	3100 N
Hexanedioic Acid	124-04-9	100000 L	100000 L	100000 L	200 N	40000 N				
Hexanone, 2-	591-78-6	280 N	1300 N	3300 S	0.18 N	38 N			31 N	130 N
Hexazinone	51235-04-2	2900 N	27000 N	58000 N	5.9 N	640 N				
Hexythiazox	78587-05-0	2200 N	21000 N	43000 N	9.8 N	110 N				
Hydramethylnon	67485-29-4	1500 N	14000 N	30000 N	1000000 R	340 N				
Hydrazine	302-01-2	3.2 C	11 C	460 C		0.011 C			0.0057 C	0.025 C
Hydrazine Sulfate	10034-93-2	3.2 C	11 C	460 C		0.26 C			0.0057 C	0.025 C
Hydrogen Chloride	7647-01-0	100000 L	100000 L	100000 L		42 N			21 N	88 N
Hydrogen Cyanide	74-90-8	32 N	150 N	540 N	0.3 N	1.5 N			0.83 N	3.5 N
Hydrogen Fluoride	7664-39-3	4300 N	47000 N	79000 N		28 N			15 N	61 N
Hydrogen Sulfide	7783-06-4	100000 L	100000 L	100000 L		4.2 N			2.1 N	8.8 N
Hydroquinone	123-31-9	130 C	380 C	21000 C	0.18 C	13 C				
Imazalil	35554-44-0	120 C	380 C	4300 N	3.1 C	9 C				
Imazaquin	81335-37-7	22000 N	100000 L	100000 L	490 N	4900 N				
Imazethapyr	81335-77-5	100000 L	100000 L	100000 L	830 N	47000 N				
Indeno[1,2,3-cd]pyrene	193-39-5	15 C	210 C	12000 C	200 C	2.5 C			0.17 C	2 C
Iodine	7553-56-2	1100 N	12000 N	20000 N	240 N	200 N				

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Iprodione	36734-19-7	3500 N	33000 N	70000 N	4.5 N	740 N				
Iron	7439-89-6	77000 N	100000 L	100000 L	7100 N	14000 N				
Isobutyl Alcohol	78-83-1	10000 S	10000 S	10000 S	24 N	5900 N				
Isophorone	78-59-1	8000 C	24000 C	100000 L	5.2 C	780 C			2100 N	8800 N
Isopropalin	33820-53-0	1700 N	18000 N	30000 N	18 N	40 N				
Isopropanol	67-63-0	7800 N	24000 N	100000 L	1.7 N	410 N			210 N	880 N
Isopropyl Methyl Phosphonic Acid	1832-54-8	8800 N	82000 N	100000 L	8.6 N	2000 N				
Isoxaben	82558-50-7	4500 N	41000 N	87000 N	40 N	730 N				
JP-7	E1737665	100000 L	100000 L	100000 L		630 N			310 N	1300 N
Lactofen	77501-63-4	710 N	6600 N	14000 N	93 N	100 N				
Lactonitrile	78-97-7	18 N	160 N	340 N	0.016 N	4 N				
Lead acetate	301-04-2	900 C	2700 C	100000 L		92 C			2.3 C	10 C
Lead and Compounds	7439-92-1	400 0	800 0	1000 0	270 M	15 M			0.15 N	
Lead Phosphate	7446-27-7	1100 C	3800 C	100000 L		91 C			2.3 C	10 C
Lead subacetate	1335-32-6	900 C	2700 C	100000 L		92 C			2.3 C	10 C
Lewisite	541-25-3	0.55 N	5.8 N	9.8 N	0.00076 N	0.09 N				
Linuron	330-55-2	690 N	6300 N	13000 N	2.3 N	130 N				
Lithium	7439-93-2	220 N	2300 N	3900 N	240 N	40 N				
Lithium Perchlorate	7791-03-9	77 N	820 N	1400 N		14 N				
Malathion	121-75-5	1800 N	16000 N	34000 N	2 N	390 N				
Maleic Anhydride	108-31-6	8800 N	80000 N	100000 L	7.7 N	1900 N			0.73 N	3.1 N
Maleic Hydrazide	123-33-1	45000 N	100000 L	100000 L	41 N	10000 N				
Malononitrile	109-77-3	8.8 N	82 N	180 N	0.0083 N	2 N				
Mancozeb	8018-01-7	2700 N	25000 N	52000 N	15 N	540 N				
Maneb	12427-38-2	450 N	4100 N	8700 N	2.8 N	98 N				
Manganese (Diet)	7439-96-5									
Manganese (Non-diet)	7439-96-5	2500 N	26000 N	46000 N	560 N	430 N			0.052 N	0.22 N
MCPA	94-74-6	45 N	410 N	870 N	0.039 N	7.5 N				
MCPB	94-81-5	390 N	3600 N	7600 N	0.52 N	65 N				
MCPP	93-65-2	88 N	820 N	1800 N	0.095 N	16 N				
Mephosfolan	950-10-7	8 N	74 N	160 N	0.053 N	1.8 N				
Mepiquat Chloride	24307-26-4	2700 N	25000 N	52000 N	4 N	600 N				
Mercaptobenzothiazole, 2-	149-30-4	350 N	2100 C	7000 N	3.7 C	63 C				
Mercuric Chloride (and other Mercury salts)	7487-94-7	32 N	350 N	590 N	2.1 M	2 M			0.31 N	1.3 N
Mercury (elemental)	7439-97-6	3.1 S	3.1 S	3.1 S	2.1 M	2 M			0.31 N	1.3 N
Merphos	150-50-5	3.2 N	35 N	59 N	1.2 N	0.6 N				
Merphos Oxide	78-48-8	8.8 N	82 N	180 N	0.027 N	0.28 N				
Metalaxyl	57837-19-1	5300 N	49000 N	100000 L	6.7 N	1200 N				
Methacrylonitrile	126-98-7	11 N	100 N	190 N	0.0086 N	1.9 N			31 N	130 N
Methamidophos	10265-92-6	4.5 N	41 N	87 N	0.0042 N	1 N				
Methanol	67-56-1	100000 L	100000 L	100000 L	81 N	20000 N			21000 N	88000 N
Methidathion	950-37-8	130 N	1200 N	2700 N	0.14 N	29 N				
Methomyl	16752-77-5	2200 N	21000 N	43000 N	2.2 N	500 N				
Methoxy-5-nitroaniline, 2-	99-59-2	150 C	470 C	25000 C	0.1 C	15 C			2 C	8.8 C
Methoxychlor	72-43-5	450 N	4100 N	8700 N	43 M	40 M				
Methoxyethanol Acetate, 2-	110-49-6	150 N	510 N	2500 N	0.0086 N	2.1 N			1 N	4.4 N
Methoxyethanol, 2-	109-86-4	460 N	3500 N	8100 N	0.12 N	29 N			21 N	88 N
Methyl Acetate	79-20-9	29000 S	29000 S	29000 S	83 N	20000 N				
Methyl Acrylate	96-33-3	210 N	610 N	3400 N	0.18 N	42 N			21 N	88 N
Methyl Ethyl Ketone (2-Butanone)	78-93-3	28000 S	28000 S	28000 S	23 N	5600 N			5200 N	22000 N
Methyl Hydrazine	60-34-4	1.4 N	4.4 N	24 N	0.00019 N	0.042 N			0.021 N	0.088 N
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3400 S	3400 S	3400 S	28 N	6300 N			3100 N	13000 N
Methyl Isocyanate	624-83-9	6.4 N	19 N	110 N	0.012 N	2.1 N			1 N	4.4 N
Methyl Mercury	22967-92-6	11 N	120 N	200 N		2 N				
Methyl Methacrylate	80-62-6	2400 S	2400 S	2400 S	6.1 N	1400 N			730 N	3100 N
Methyl methanesulfonate	66-27-3	77 C	230 C	12000 C	0.033 C	7.9 C			1 C	4.4 C
Methyl Parathion	298-00-0	22 N	210 N	430 N	0.15 N	4.5 N				
Methyl Phosphonic Acid	993-13-5	5300 N	49000 N	100000 L	4.9 N	1200 N				

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Methyl Styrene (Mixed Isomers)	25013-15-4	390 S	390 S	390 S	0.75 N	23 N			42 N	180 N
Methyl tert-Butyl Ether (MTBE)	1634-04-4	660 C	2100 C	8900 S	0.63 C	140 C			110 C	470 C
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	27 N	250 N	520 N	0.072 N	6 N				
Methyl-2-Pentanol, 4-	108-11-2	2500 S	2500 S	2500 S	27 N	6300 N			3100 N	13000 N
Methyl-5-Nitroaniline, 2-	99-55-8	840 C	2600 C	34000 N	0.91 C	82 C				
Methylaniline Hydrochloride, 2-	636-21-5	59 C	180 C	9300 C	0.052 C	6 C			0.76 C	3.3 C
Methylarsonic acid	124-58-3	880 N	8200 N	18000 N		200 N				
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	18 N	160 N	340 N		4 N				
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	27 N	230 C	520 N		6 N				
Methylcholanthrene, 3-	56-49-5	0.077 C	1 C	56 C	0.42 C	0.011 C			0.0016 C	0.019 C
Methylene Chloride	75-09-2	490 N	3200 N	3300 S	0.025 M	5 M			630 N	2600 N
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	17 C	230 C	3400 N	0.37 C	1.6 C			0.024 C	0.29 C
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	170 C	500 C	27000 C	0.53 C	4.8 C			2.2 C	9.4 C
Methylenebisbenzenamine, 4,4'-	101-77-9	4.8 C	14 C	750 C	0.042 C	0.47 C			0.061 C	0.27 C
Methylenediphenyl Diisocyanate	101-68-8	100000 L	100000 L	100000 L					0.63 N	2.6 N
Methylnaphthalene, 1-	90-12-0	250 C	390 S	390 S	1.2 C	11 C				
Methylnaphthalene, 2-	91-57-6	340 N	3000 N	6800 N	3.7 N	36 N				
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	0.91 C	2.8 C	150 C	0.00065 C	0.094 C			0.012 C	0.051 C
Methylstyrene, Alpha-	98-83-9	500 S	500 S	500 S	25 N	780 N				
Metolachlor	51218-45-2	13000 N	100000 L	100000 L	64 N	2700 N				
Metribuzin	21087-64-9	2200 N	21000 N	43000 N	3 N	490 N				
Metsulfuron-methyl	74223-64-6	22000 N	100000 L	100000 L	38 N	4900 N				
Mineral oils	8012-95-1	0.34 S	0.34 S	0.34 S	47000 N	60000 N				
Mirex	2385-85-5	0.5 C	1.7 C	74 C	0.13 C	0.0088 C			0.0055 C	0.024 C
Molinate	2212-67-1	180 N	1600 N	3400 N	0.34 N	30 N				
Molybdenum	7439-98-7	550 N	5800 N	9800 N	41 N	100 N				
Monoaluminum phosphate	13530-50-2	100000 L	100000 L	100000 L		970000 N				
Monoammonium phosphate	7722-76-1	100000 L	100000 L	100000 L		970000 N				
Monocalcium phosphate	7758-23-8	100000 L	100000 L	100000 L		970000 N				
Monochloramine	10599-90-3	11000 N	100000 L	100000 L		4000 M				
Monomagnesium phosphate	7757-86-0	100000 L	100000 L	100000 L		970000 N				
Monomethylaniline	100-61-8	180 N	1600 N	3400 N	0.28 N	38 N				
Monopotassium phosphate	7778-77-0	100000 L	100000 L	100000 L		970000 N				
Monosodium phosphate	7558-80-7	100000 L	100000 L	100000 L		970000 N				
Myclobutanil	88671-89-0	2200 N	21000 N	43000 N	110 N	450 N				
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	27 N	250 N	520 N	7.5 N	3.6 N				
Naled	300-76-5	220 N	2300 N	3900 N	0.36 N	40 N				
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	3200 N	35000 N	59000 N		150 N			100 N	440 N
Naphthalene	91-20-3	53 C	170 C	3100 N	0.11 C	1.7 C	110 C	460 C	0.83 C	3.6 C
Naphthylamine, 2-	91-59-8	4.2 C	13 C	670 C	0.04 C	0.39 C				
Napropamide	15299-99-7	11000 N	98000 N	100000 L	270 N	2000 N				
Nickel Acetate	373-02-4	940 N	8100 N	19000 N		220 N			0.015 N	0.061 N
Nickel Carbonate	3333-67-3	940 N	8100 N	19000 N		220 N			0.015 N	0.061 N
Nickel Carbonyl	13463-39-3	1100 N	11000 N	21000 N		0.029 N			0.015 N	0.061 N
Nickel Hydroxide	12054-48-7	1100 N	11000 N	21000 N		200 N			0.015 N	0.061 N
Nickel Oxide	1313-99-1	1200 N	12000 N	21000 N		200 N			0.021 N	0.088 N
Nickel Refinery Dust	E715532	1100 N	11000 N	21000 N		220 N			0.015 N	0.061 N
Nickel Soluble Salts	7440-02-0	2100 N	22000 N	38000 N	510 N	390 N			0.094 N	0.39 N
Nickel Subsulfide	12035-72-2	5.7 C	19 C	800 C		0.45 C			0.015 N	0.061 N
Nickelocene	1271-28-9	940 N	8100 N	19000 N		220 N			0.015 N	0.061 N
Nitrate	14797-55-8	100000 L	100000 L	100000 L		10000 M				
Nitrate + Nitrite (as N)	E701177					10000 M				
Nitrite	14797-65-0	11000 N	100000 L	100000 L		1000 M				
Nitroaniline, 2-	88-74-4	880 N	8000 N	18000 N	1.6 N	190 N			0.052 N	0.22 N
Nitroaniline, 4-	100-01-6	350 N	1100 C	7000 N	0.32 C	38 C			6.3 N	26 N
Nitrobenzene	98-95-3	71 C	220 C	3100 S	0.018 C	1.4 C			0.7 C	3.1 C
Nitrocellulose	9004-70-0	100000 L	100000 L	100000 L	260000 N	60000000 N				
Nitrofurantoin	67-20-9	6200 N	57000 N	100000 L	12 N	1400 N				

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Nitrofurazone	59-87-0	5.9 C	18 C	930 C	0.011 C	0.6 C			0.076 C	0.33 C
Nitroglycerin	55-63-0	8.8 N	82 N	180 N	0.017 N	2 N				
Nitroguanidine	556-88-7	8800 N	82000 N	100000 L	9.7 N	2000 N				
Nitromethane	75-52-5	76 C	240 C	2100 N	0.028 C	6.4 C			3.2 C	14 C
Nitropropane, 2-	79-46-9	0.2 C	0.6 C	83 C	0.00011 C	0.021 C			0.01 C	0.045 C
Nitropyrene, 4-	57835-92-4	5.9 C	18 C	980 C	0.66 C	0.19 C			0.26 C	1.1 C
Nitrosodiethanolamine, N-	1116-54-7	2.7 C	8.2 C	450 C	0.0011 C	0.28 C			0.035 C	0.15 C
Nitrosodiethylamine, N-	55-18-5	0.011 C	0.15 C	6.2 C	0.000012 C	0.0017 C			0.00024 C	0.0029 C
Nitrosodimethylamine, N-	62-75-9	0.028 C	0.34 C	13 N	0.0000054 C	0.0011 C			0.00072 C	0.0088 C
Nitroso-di-N-butylamine, N-	924-16-3	1.4 C	4.6 C	230 C	0.0011 C	0.027 C			0.018 C	0.077 C
Nitroso-di-N-propylamine, N-	621-64-7	1.1 C	3.3 C	180 C	0.0017 C	0.11 C			0.014 C	0.061 C
Nitrosodiphenylamine, N-	86-30-6	1500 C	4700 C	100000 L	13 C	120 C			11 C	47 C
Nitrosomethylethylamine, N-	10595-95-6	0.28 C	0.91 C	53 C	0.000041 C	0.0071 C			0.0045 C	0.019 C
Nitrosomorpholine [N-]	59-89-2	1.1 C	3.4 C	180 C	0.00059 C	0.12 C			0.015 C	0.065 C
Nitroso-N-ethylurea, N-	759-73-9	0.063 C	0.85 C	45 C	0.000045 C	0.0092 C			0.0013 C	0.016 C
Nitroso-N-methylurea, N-	684-93-5	0.014 C	0.19 C	10 C	0.0000093 C	0.0021 C			0.0003 C	0.0036 C
Nitrosopiperidine [N-]	100-75-4	0.81 C	2.4 C	130 C	0.00088 C	0.082 C			0.01 C	0.045 C
Nitrosopyrrolidine, N-	930-55-2	3.6 C	11 C	600 C	0.0028 C	0.37 C			0.046 C	0.2 C
Nitrotoluene, m-	99-08-1	8.8 N	82 N	180 N	0.031 N	1.7 N				
Nitrotoluene, o-	88-72-2	45 C	150 C	1500 S	0.058 C	3.1 C				
Nitrotoluene, p-	99-99-0	350 N	1400 C	7000 N	0.8 C	43 C				
Nonane, n-	111-84-2	6.9 S	6.9 S	6.9 S	1.5 N	5.3 N			21 N	88 N
Norflurazon	27314-13-2	1300 N	12000 N	27000 N	37 N	290 N				
Octabromodiphenyl Ether	32536-52-0	270 N	2500 N	5200 N	240 N	60 N				
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	5500 N	57000 N	97000 N	25 N	1000 N				
Octamethylpyrophosphoramide	152-16-9	180 N	1600 N	3400 N	0.19 N	40 N				
Octyl Phthalate, di-N-	117-84-0	880 N	8200 N	18000 N	1100 N	200 N				
Oryzalin	19044-88-3	980 C	2900 C	100000 L	2.9 C	79 C				
Oxadiazon	19666-30-9	450 N	4100 N	8700 N	9.6 N	47 N				
Oxamyl	23135-22-0	2200 N	21000 N	43000 N	0.88 M	200 M				
Oxyfluorfen	42874-03-3	100 C	310 C	17000 C	8.6 C	5.4 C				
Paclobutrazol	76738-62-0	1100 N	11000 N	22000 N	9.4 N	230 N				
Paraquat Dichloride	1910-42-5	390 N	3700 N	7900 N	25 N	90 N				
Parathion	56-38-2	530 N	4900 N	10000 N	8.7 N	86 N				
PCBs: Aroclor 1016	12674-11-2	5.7 N	51 N	120 N	2.7 N	1.4 N			1.4 C	6.1 C
PCBs: Aroclor 1221	11104-28-2	2.8 C	8.3 C	520 C	0.016 C	0.047 C			0.049 C	0.21 C
PCBs: Aroclor 1232	11141-16-5	2.4 C	7.2 C	490 C	0.016 C	0.047 C			0.049 C	0.21 C
PCBs: Aroclor 1242	53469-21-9	3.2 C	9.5 C	560 C	0.24 C	0.078 C			0.049 C	0.21 C
PCBs: Aroclor 1248	12672-29-6	3.2 C	9.5 C	560 C	0.24 C	0.078 C			0.049 C	0.21 C
PCBs: Aroclor 1254	11097-69-1	1.7 N	9.7 C	33 N	0.41 C	0.078 C			0.049 C	0.21 C
PCBs: Aroclor 1260	11096-82-5	3.4 C	9.9 C	570 C	1.1 C	0.078 C			0.049 C	0.21 C
PCBs: Aroclor 5460	11126-42-4	49 N	440 N	1000 N	39 N	12 N				
PCBs: Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.8 C	5.2 C	39 N	0.56 C	0.04 C			0.025 C	0.11 C
PCBs: Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.7 C	5 C	39 N	0.34 C	0.04 C			0.025 C	0.11 C
PCBs: Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.7 C	5 C	39 N	0.34 C	0.04 C			0.025 C	0.11 C
PCBs: Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.7 C	5.1 C	39 N	0.34 C	0.04 C			0.025 C	0.11 C
PCBs: Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	0.0017 C	0.0051 C	0.039 N	0.00034 C	0.00004 C			0.000025 C	0.00011 C
PCBs: Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.7 C	4.9 C	39 N	0.21 C	0.04 C			0.025 C	0.11 C
PCBs: Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.7 C	5 C	39 N	0.21 C	0.04 C			0.025 C	0.11 C
PCBs: Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.7 C	4.9 C	39 N	0.2 C	0.04 C			0.025 C	0.11 C
PCBs: Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.7 C	4.9 C	39 N	0.21 C	0.04 C			0.025 C	0.11 C
PCBs: Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	0.0005 C	0.0015 C	0.012 N	0.000061 C	0.000012 C			0.0000074 C	0.000032 C
PCBs: Polychlorinated Biphenyls (high risk)	1336-36-3	3.2 C	9.4 C	550 C	1.6 M	0.5 M			0.049 C	0.21 C
PCBs: Polychlorinated Biphenyls (low risk)	1336-36-3				1.6 M	0.5 M			0.28 C	1.2 C
PCBs: Polychlorinated Biphenyls (lowest risk)	1336-36-3				1.6 M	0.5 M			1.4 C	6.1 C
PCBs: Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	0.53 C	1.6 C	12 N	0.19 C	0.06 C			0.0074 C	0.032 C
PCBs: Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	0.17 C	0.48 C	3.9 N	0.013 C	0.004 C			0.0025 C	0.011 C
Pebulate	1114-71-2	5500 N	58000 N	98000 N	8.9 N	560 N				

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Pendimethalin	40487-42-1	2700 N	25000 N	52000 N	32 N	140 N				
Pentabromodiphenyl Ether	32534-81-9	0.31 S	0.31 S	0.31 S	35 N	40 N				
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	8.8 N	82 N	180 N	1.7 N	2 N				
Pentachlorobenzene	608-93-5	88 N	930 N	1600 N	0.49 N	3.2 N				
Pentachloroethane	76-01-7	110 C	360 C	460 S	0.062 C	6.5 C				
Pentachloronitrobenzene	82-68-8	38 C	130 C	5500 C	0.29 C	1.2 C				
Pentachlorophenol	87-86-5	14 C	40 C	2600 C	0.028 M	1 M			5.5 C	24 C
Pentaerythritol tetranitrate (PETN)	78-11-5	180 N	1600 N	3400 N	1.2 N	39 N				
Pentane, n-	109-66-0	390 S	390 S	390 S	200 N	2100 N			1000 N	4400 N
Perchlorate and Perchlorate Salts	14797-73-0	77 N	820 N	1400 N		15 M				
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1800 N	16000 N	34000 N		400 N				
Perfluorobutanesulfonate	45187-15-3	1800 N	16000 N	34000 N		400 N				
Permethrin	52645-53-1	4500 N	41000 N	87000 N	4800 N	1000 N				
Phenacetin	62-44-2	3500 C	10000 C	100000 L	1.9 C	340 C			45 C	190 C
Phenmedipham	13684-63-4	21000 N	100000 L	100000 L	410 N	3800 N				
Phenol	108-95-2	27000 N	100000 L	100000 L	67 N	5800 N			210 N	880 N
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	350 N	3300 N	7000 N	0.5 N	78 N				
Phenothiazine	92-84-2	45 N	410 N	870 N	0.27 N	4.3 N				
Phenyl Isothiocyanate	103-72-0	22 N	130 S	130 S	0.034 N	2.6 N				
Phenylenediamine, m-	108-45-2	530 N	4900 N	10000 N	0.64 N	120 N				
Phenylenediamine, o-	95-54-5	63 C	190 C	7000 N	0.035 C	6.5 C				
Phenylenediamine, p-	106-50-3	88 N	820 N	1800 N	0.11 N	20 N				
Phenylmercuric Acetate	62-38-4	7.1 N	66 N	140 N	0.01 N	1.6 N				
Phenylphenol, 2-	90-43-7	3900 C	12000 C	100000 L	82 C	300 C				
Phorate	298-02-2	18 N	160 N	340 N	0.067 N	3 N				
Phosgene	75-44-5	0.43 N	1.3 N	7.2 N					0.31 N	1.3 N
Phosmet	732-11-6	1800 N	16000 N	34000 N	1.6 N	370 N				
Phosphine	7803-51-2	32 N	350 N	590 N		0.57 N			0.31 N	1.3 N
Phosphoric Acid	7664-38-2	100000 L	100000 L	100000 L		970000 N			10 N	44 N
Phosphorus, White	7723-14-0	2.2 N	23 N	39 N	0.02 N	0.4 N				
Phthalic Acid, P-	100-21-0	88000 N	100000 L	100000 L	140 N	19000 N				
Phthalic Anhydride	85-44-9	100000 L	100000 L	100000 L	170 N	39000 N			21 N	88 N
Picloram	1918-02-1	6200 N	57000 N	100000 L	2.8 M	500 M				
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	8.8 N	82 N	180 N	0.026 N	2 N				
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	80 N	740 N	1600 N	1.7 N	18 N				
Pirimiphos, Methyl	29232-93-7	5.9 N	55 N	120 N	0.015 N	0.81 N				
Polybrominated Biphenyls	59536-65-1	0.25 C	0.77 C	12 N		0.026 C			0.0033 C	0.014 C
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	100000 L	100000 L	100000 L					0.63 N	2.6 N
Polyphosphoric acid	8017-16-1	100000 L	100000 L	100000 L		970000 N				
Potassium Cyanide	151-50-8	220 N	2300 N	3900 N		40 N				
Potassium Perchlorate	7778-74-7	77 N	820 N	1400 N		14 N				
Potassium Perfluorobutane Sulfonate	29420-49-3	1800 N	16000 N	34000 N		400 N				
Potassium Silver Cyanide	506-61-6	550 N	5800 N	9800 N		82 N				
Potassium tripolyphosphate	13845-36-8	100000 L	100000 L	100000 L		970000 N				
Prochloraz	67747-09-5	50 C	150 C	8200 C	0.38 C	3.8 C				
Profluralin	26399-36-0	660 N	7000 N	12000 N	32 N	26 N				
Prometon	1610-18-0	1300 N	12000 N	27000 N	2.4 N	250 N				
Prometryn	7287-19-6	3500 N	33000 N	70000 N	18 N	600 N				
Propachlor	1918-16-7	1100 N	11000 N	22000 N	3 N	250 N				
Propanil	709-98-8	450 N	4100 N	8700 N	0.9 N	82 N				
Propargite	2312-35-8	240 C	700 C	37000 C	14 C	9.2 C				
Propargyl Alcohol	107-19-7	220 N	2300 N	3900 N	0.16 N	40 N				
Propazine	139-40-2	1800 N	16000 N	34000 N	6 N	340 N				
Propham	122-42-9	1800 N	16000 N	34000 N	4.5 N	350 N				
Propiconazole	60207-90-1	8800 N	82000 N	100000 L	110 N	1600 N				
Propionaldehyde	123-38-6	110 N	310 N	1700 N	0.069 N	17 N			8.3 N	35 N
Propyl benzene	103-65-1	260 S	260 S	260 S	25 N	660 N			1000 N	4400 N
Propylene	115-07-1	350 S	350 S	350 S	120 N	6300 N			3100 N	13000 N

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure						Ground Water				Vapor Exposure							
		Direct Contact						Soil MTG		Tap		Ground Water				Indoor Air			
Name	CASRN	Residential (mg/kg)		Com/Ind (mg/kg)		Excavation (mg/kg)		Residential (mg/kg)		Residential (ug/L)		Residential (ug/L)		Com/Industrial (ug/L)		Residential (ug/m3)		Com/Ind (ug/m3)	
Propylene Glycol	57-55-6	100000	L	100000	L	100000	L	1600	N	400000	N								
Propylene Glycol Dinitrate	6423-43-4	100000	L	100000	L	100000	L									0.28	N	1.2	N
Propylene Glycol Monomethyl Ether	107-98-2	57000	N	100000	L	100000	L	13	N	3200	N					2100	N	8800	N
Propylene Oxide	75-56-9	29	C	97	C	5200	C	0.011	C	2.7	C					7.6	C	33	C
Propyzamide	23950-58-5	6600	N	62000	N	100000	L	24	N	1200	N								
Pyrene	129-00-0	2500	N	23000	N	51000	N	260	N	120	N								
Pyridine	110-86-1	110	N	1200	N	2000	N	0.14	N	20	N								
Quinalphos	13593-03-8	45	N	410	N	870	N	0.87	N	5.1	N								
Quinoline	91-22-5	2.5	C	7.7	C	410	C	0.016	C	0.24	C								
Quizalofop-ethyl	76578-14-8	800	N	7400	N	16000	N	38	N	120	N								
Refractory Ceramic Fibers	E715557	100000	L	100000	L	100000	L									31	N	130	N
Resmethrin	10453-86-8	2700	N	25000	N	52000	N	830	N	67	N								
Ronnel	299-84-3	5500	N	58000	N	98000	N	75	N	410	N								
Rotenone	83-79-4	350	N	3300	N	7000	N	640	N	61	N								
Safrole	94-59-7	7.7	C	100	C	5600	C	0.012	C	0.96	C					0.16	C	1.9	C
Selenious Acid	7783-00-8	550	N	5800	N	9800	N			100	N								
Selenium	7782-49-2	550	N	5800	N	9800	N	5.3	M	50	M					21	N	88	N
Selenium Sulfide	7446-34-6	550	N	5800	N	9800	N			100	N					21	N	88	N
Sethoxydim	74051-80-2	12000	N	100000	L	100000	L	290	N	1600	N								
Silica (crystalline, respirable)	7631-86-9	100000	L	100000	L	100000	L									3.1	N	13	N
Silver	7440-22-4	550	N	5800	N	9800	N	16	N	94	N								
Silver Cyanide	506-64-9	11000	N	100000	L	100000	L			1800	N								
Simazine	122-34-9	63	C	190	C	8700	N	0.039	M	4	M								
Sodium acid pyrophosphate	7758-16-9	100000	L	100000	L	100000	L			970000	N								
Sodium Acifluorfen	62476-59-9	1100	N	11000	N	22000	N	41	N	260	N								
Sodium aluminum phosphate (acidic)	7785-88-8	100000	L	100000	L	100000	L			970000	N								
Sodium aluminum phosphate (anhydrous)	10279-59-1	100000	L	100000	L	100000	L			970000	N								
Sodium aluminum phosphate (tetrahydrate)	10305-76-7	100000	L	100000	L	100000	L			970000	N								
Sodium Azide	26628-22-8	430	N	4700	N	7900	N			80	N								
Sodium Cyanide	143-33-9	110	N	1200	N	2000	N			200	M								
Sodium Diethyldithiocarbamate	148-18-5	28	C	85	C	4500	C			2.9	C								
Sodium Fluoride	7681-49-4	5500	N	58000	N	98000	N			1000	N					14	N	57	N
Sodium Fluoroacetate	62-74-8	1.8	N	16	N	34	N	0.0016	N	0.4	N								
Sodium hexametaphosphate	10124-56-8	100000	L	100000	L	100000	L			970000	N								
Sodium Metavanadate	13718-26-8	110	N	1200	N	2000	N			20	N								
Sodium Perchlorate	7601-89-0	77	N	820	N	1400	N			14	N								
Sodium polyphosphate	68915-31-1	100000	L	100000	L	100000	L			970000	N								
Sodium trimetaphosphate	7785-84-4	100000	L	100000	L	100000	L			970000	N								
Sodium tripolyphosphate	7758-29-4	100000	L	100000	L	100000	L			970000	N								
Sodium Tungstate	13472-45-2	88	N	930	N	1600	N			16	N								
Sodium Tungstate Dihydrate	10213-10-2	88	N	930	N	1600	N			16	N								
Strofos (Tetrachlorovinphos)	961-11-5	320	C	960	C	52000	C	1.7	C	28	C								
Strontium, Stable	7440-24-6	66000	N	100000	L	100000	L	8500	N	12000	N								
Strychnine	57-24-9	27	N	250	N	520	N	1.3	N	5.9	N								
Styrene	100-42-5	870	S	870	S	870	S	2.2	M	100	M					1000	N	4400	N
Styrene-Acrylonitrile (SAN) Trimer		270	N	2500	N	5200	N			48	N								
Sulfolane	126-33-0	88	N	820	N	1800	N	0.087	N	20	N					2.1	N	8.8	N
Sulfonylbis(4-chlorobenzene), 1,1'	80-07-9	71	N	660	N	1400	N	1.3	N	11	N								
Sulfur Trioxide	7446-11-9	100000	L	100000	L	100000	L			2.1	N					1	N	4.4	N
Sulfuric Acid	7664-93-9	100000	L	100000	L	100000	L									1	N	4.4	N
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)p	140-57-8	310	C	920	C	49000	C	2.9	C	13	C					4	C	17	C
TCMTB	21564-17-0	2700	N	25000	N	52000	N	67	N	480	N								
Tebuthiuron	34014-18-1	6200	N	57000	N	100000	L	8	N	1400	N								
Temephos	3383-96-8	1800	N	16000	N	34000	N	1500	N	400	N								
Terbacil	5902-51-2	1100	N	11000	N	22000	N	1.5	N	250	N								
Terbufos	13071-79-9	2.8	N	29	N	31	S	0.011	N	0.24	N								
Terbutryn	886-50-0	88	N	820	N	1800	N	0.37	N	13	N								
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	8.8	N	82	N	180	N	1.1	N	2	N								

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Tetrachlorobenzene, 1,2,4,5-	95-94-3	32 N	350 N	590 N	0.16 N	1.7 N				
Tetrachloroethane, 1,1,1,2-	630-20-6	28 C	88 C	680 S	0.043 C	5.7 C			3.8 C	17 C
Tetrachloroethane, 1,1,2,2-	79-34-5	8.4 C	27 C	1900 S	0.0059 C	0.76 C	72 C	310 C	0.48 C	2.1 C
Tetrachloroethylene	127-18-4	110 N	170 S	170 S	0.045 M	5 M	110 N	470 N	42 N	180 N
Tetrachlorophenol, 2,3,4,6-	58-90-2	2700 N	25000 N	52000 N	3.6 N	240 N				
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	0.49 C	1.6 C	67 C	0.00089 C	0.013 C				
Tetraethyl Dithiopyrophosphate	3689-24-5	45 N	410 N	870 N	0.1 N	7.1 N				
Tetraethyl Lead	78-00-2	0.011 N	0.12 N	0.2 N	0.000091 N	0.0013 N				
Tetrafluoroethane, 1,1,1,2-	811-97-2	2100 S	2100 S	2100 S	1900 N	170000 N			83000 N	350000 N
Tetrahydrofuran	109-99-9	25000 N	94000 N	100000 L	15 N	3400 N			2100 N	8800 N
Tetrapotassium phosphate	7320-34-5	100000 L	100000 L	100000 L		970000 N				
Tetrasodium pyrophosphate	7722-88-5	100000 L	100000 L	100000 L		970000 N				
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	220 N	2300 N	3900 N	7.3 N	39 N				
Thallic Oxide	1314-32-5	2.2 N	23 N	39 N		0.4 N				
Thallium (I) Nitrate	10102-45-1	1.1 N	12 N	20 N		0.2 N				
Thallium (Soluble Salts)	7440-28-0	1.1 N	12 N	20 N	2.9 M	2 M				
Thallium Acetate	563-68-8	1.1 N	12 N	20 N		0.2 N				
Thallium Carbonate	6533-73-9	2.2 N	23 N	39 N		0.4 N				
Thallium Chloride	7791-12-0	1.1 N	12 N	20 N		0.2 N				
Thallium Selenite	12039-52-0	1.1 N	12 N	20 N		0.2 N				
Thallium Sulfate	7446-18-6	2.2 N	23 N	39 N		0.4 N				
Thifensulfuron-methyl	79277-27-3	3800 N	35000 N	75000 N	5.2 N	860 N				
Thiobencarb	28249-77-6	880 N	8200 N	18000 N	11 N	160 N				
Thiocyanates	E1790664	22 N	230 N	390 N		4 N				
Thiocyanic Acid	463-56-9	22 N	230 N	390 N		4 N				
Thiodiglycol	111-48-8	7600 N	79000 N	100000 L	5.7 N	1400 N				
Thiofanox	39196-18-4	27 N	250 N	520 N	0.037 N	5.3 N				
Thiophanate, Methyl	23564-05-8	660 C	2000 C	46000 N	1.1 C	67 C				
Thiram	137-26-8	1300 N	12000 N	27000 N	8.3 N	290 N				
Tin	7440-31-5	66000 N	100000 L	100000 L	60000 N	12000 N				
Titanium Tetrachloride	7550-45-0	100000 L	100000 L	100000 L		0.21 N			0.1 N	0.44 N
Toluene	108-88-3	820 S	820 S	820 S	14 M	1000 M			5200 N	22000 N
Toluene-2,4-diisocyanate	584-84-9	9 N	27 N	150 N	0.0051 N	0.017 N			0.0083 N	0.035 N
Toluene-2,5-diamine	95-70-5	18 N	130 C	340 N	0.025 N	4 N				
Toluene-2,6-diisocyanate	91-08-7	7.4 N	22 N	120 N	0.0052 N	0.017 N			0.0083 N	0.035 N
Toluic Acid, p-	99-94-5	450 N	4100 N	8700 N	0.46 N	90 N				
Toluidine, o- (Methylaniline, 2-)	95-53-4	480 C	1400 C	75000 C	0.4 C	47 C			0.55 C	2.4 C
Toluidine, p-	106-49-0	250 C	770 C	7000 N	0.21 C	25 C				
Toxaphene	8001-35-2	6.9 C	21 C	1100 C	9.3 M	3 M			0.088 C	0.38 C
Tralomethrin	66841-25-6	660 N	6200 N	13000 N	1100 N	150 N				
Triacetin	102-76-1	100000 L	100000 L	100000 L	9000 N	1600000 N				
Triadimefon	43121-43-3	2900 N	28000 N	60000 N	10 N	630 N				
Triallate	2303-17-5	140 C	460 C	19000 C	0.21 C	4.7 C				
Trialuminum sodium tetra decahydrogenoctaorthophos	15136-87-5	100000 L	100000 L	100000 L		970000 N				
Triasulfuron	82097-50-5	880 N	8200 N	18000 N	4.2 N	200 N				
Tribenuron-methyl	101200-48-0	710 N	6600 N	14000 N	1.2 N	160 N				
Tribromobenzene, 1,2,4-	615-54-3	550 N	5800 N	9800 N	1.3 N	45 N				
Tribromophenol, 2,4,6-	118-79-6	800 N	7400 N	16000 N	4.3 N	120 N				
Tributyl Phosphate	126-73-8	840 C	2600 C	18000 N	5.1 C	52 C				
Tributyltin Compounds	E1790678	27 N	250 N	520 N		6 N				
Tributyltin Oxide	56-35-9	27 N	250 N	520 N	5900 N	5.7 N				
Tricalcium phosphate	7758-87-4	100000 L	100000 L	100000 L		970000 N				
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	910 S	910 S	910 S	490 N	10000 N			5200 N	22000 N
Trichloroacetic Acid	76-03-9	110 C	330 C	18000 C	0.25 M	60 M				
Trichloroaniline HCl, 2,4,6-	33663-50-2	270 C	790 C	41000 C	1.5 C	27 C				
Trichloroaniline, 2,4,6-	634-93-5	2.7 N	25 N	52 N	0.073 N	0.4 N				
Trichlorobenzene, 1,2,3-	87-61-6	88 N	930 N	1600 N	0.42 N	7 N				
Trichlorobenzene, 1,2,4-	120-82-1	81 N	260 N	400 S	4.1 M	70 M			2.1 N	8.8 N

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)
Trichloroethane, 1,1,1-	71-55-6	640 S	640 S	640 S	1.4 M	200 M	13000 N	54000 N	5200 N	22000 N
Trichloroethane, 1,1,2-	79-00-5	2.1 N	6.3 N	35 N	0.032 M	5 M	11 N	46 N	0.21 N	0.88 N
Trichloroethylene	79-01-6	5.7 N	19 N	95 N	0.036 M	5 M	9.1 N	38 N	2.1 N	8.8 N
Trichlorofluoromethane	75-69-4	1200 S	1200 S	1200 S	66 N	5200 N				
Trichlorophenol, 2,4,5-	95-95-4	8800 N	82000 N	100000 L	81 N	1200 N				
Trichlorophenol, 2,4,6-	88-06-2	88 N	820 N	1800 N	0.23 N	12 N			9.1 C	40 C
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	880 N	8200 N	18000 N	1.3 N	160 N				
Trichlorophenoxypropionic acid, 2,4,5	93-72-1	710 N	6600 N	14000 N	0.55 M	50 M				
Trichloropropane, 1,1,2-	598-77-6	550 N	1300 S	1300 S	0.69 N	88 N				
Trichloropropane, 1,2,3-	96-18-4	0.071 C	1.1 C	46 C	0.000065 C	0.0075 C			0.31 N	1.3 N
Trichloropropene, 1,2,3-	96-19-5	1 N	3.1 N	17 N	0.0061 N	0.62 N			0.31 N	1.3 N
Tricresyl Phosphate (TCP)	1330-78-5	1600 N	16000 N	34000 N	300 N	160 N				
Tridiphane	58138-08-2	270 N	2500 N	5200 N	2.6 N	18 N				
Triethylamine	121-44-8	170 N	480 N	2700 N	0.091 N	15 N			7.3 N	31 N
Triethylene Glycol	112-27-6	100000 L	100000 L	100000 L	180 N	40000 N				
Trifluoroethane, 1,1,1-	420-46-2	4800 S	4800 S	4800 S	2500 N	42000 N			21000 N	88000 N
Trifluralin	1582-09-8	830 N	4200 C	15000 N	17 C	26 C				
Trimagnesium phosphate	7757-87-1	100000 L	100000 L	100000 L		970000 N				
Trimethyl Phosphate	512-56-1	380 C	1100 C	18000 N	0.17 C	39 C				
Trimethylbenzene, 1,2,3-	526-73-8	290 S	290 S	290 S	1.6 N	55 N			63 N	260 N
Trimethylbenzene, 1,2,4-	95-63-6	220 S	220 S	220 S	1.6 N	56 N			63 N	260 N
Trimethylbenzene, 1,3,5-	108-67-8	180 S	180 S	180 S	1.7 N	60 N			63 N	260 N
Trimethylpentene, 2,4,4-	25167-70-8	30 S	30 S	30 S	4.3 N	65 N				
Tri-n-butyltin	688-73-3	32 N	350 N	590 N	1.6 N	3.7 N				
Trinitrobenzene, 1,3,5-	99-35-4	3100 N	32000 N	58000 N	42 N	590 N				
Trinitrotoluene, 2,4,6-	118-96-7	50 N	510 N	940 N	1.1 N	9.8 N				
Triphenylphosphine Oxide	791-28-6	1800 N	16000 N	34000 N	30 N	360 N				
Tripotassium phosphate	7778-53-2	100000 L	100000 L	100000 L		970000 N				
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1800 N	16000 N	34000 N	160 N	360 N				
Tris(1-chloro-2-propyl)phosphate	13674-84-5	880 N	8200 N	18000 N	13 N	190 N				
Tris(2,3-dibromopropyl)phosphate	126-72-7	3.9 C	13 C	470 S	0.027 C	0.068 C			0.043 C	0.19 C
Tris(2-chloroethyl)phosphate	115-96-8	380 C	1100 C	12000 N	0.74 C	38 C				
Tris(2-ethylhexyl)phosphate	78-42-2	2400 C	7200 C	100000 L	24000 C	240 C				
Trisodium phosphate	7601-54-9	100000 L	100000 L	100000 L		970000 N				
Tungsten	7440-33-7	88 N	930 N	1600 N		16 N				
Uranium (Soluble Salts)	E715565	22 N	230 N	390 N	270 M	30 M			0.042 N	0.18 N
Urethane	51-79-6	1.7 C	23 C	1200 C	0.0011 C	0.25 C			0.035 C	0.42 C
Vanadium and Compounds	7440-62-2	550 N	5800 N	9900 N	1700 N	86 N			0.1 N	0.44 N
Vanadium Pentoxide	1314-62-1	920 N	8400 N	17000 N		150 N			0.0034 C	0.015 C
Vernolate	1929-77-7	110 N	1200 N	2000 N	0.18 N	11 N				
Vinclozolin	50471-44-8	110 N	980 N	2100 N	0.32 N	21 N				
Vinyl Acetate	108-05-4	1300 N	2800 S	2800 S	1.7 N	410 N			210 N	880 N
Vinyl Bromide	593-60-2	1.7 C	5.2 C	100 N	0.01 C	1.8 C			0.88 C	3.8 C
Vinyl Chloride	75-01-4	0.83 C	17 C	1300 C	0.014 M	2 M	2.1 C	35 C	1.7 C	28 C
Warfarin	81-81-2	27 N	250 N	520 N	0.12 N	5.6 N				
Xylene, m-	108-38-3	390 S	390 S	390 S	3.7 N	190 N			100 N	440 N
Xylene, o-	95-47-6	430 S	430 S	430 S	3.7 N	190 N			100 N	440 N
Xylene, p-	106-42-3	390 S	390 S	390 S	3.7 N	190 N			100 N	440 N
Xylenes	1330-20-7	260 S	260 S	260 S	200 M	10000 M			100 N	440 N
Zinc and Compounds	7440-66-6	32000 N	100000 L	100000 L	7500 N	6000 N				
Zinc Cyanide	557-21-1	5500 N	58000 N	98000 N		1000 N				
Zinc Phosphide	1314-84-7	32 N	350 N	590 N		6 N				
Zineb	12122-67-7	4500 N	41000 N	87000 N	57 N	990 N				
Zirconium	7440-67-7	8.8 N	93 N	160 N	96 N	1.6 N				

C = Carcinogenic endpoint
CASRN = Chemical Abstracts Service Reference Number
L = Capped at 100,000 mg/kg (soil direct contact only)

Table A-6: 2018 Screening Levels

Chemical		Soil Exposure			Ground Water		Vapor Exposure			
		Direct Contact			Soil MTG	Tap	Ground Water		Indoor Air	
Name	CASRN	Residential (mg/kg)	Com/Ind (mg/kg)	Excavation (mg/kg)	Residential (mg/kg)	Residential (ug/L)	Residential (ug/L)	Com/Industrial (ug/L)	Residential (ug/m3)	Com/Ind (ug/m3)

M = Set to maximum contaminant limit (MCL; ground water only) or based on MCL (migration to ground water)
mg/kg = milligrams per kilogram
MTG = Migration to ground water
N = Noncarcinogenic endpoint
R = Capped at 1,000,000 mg/kg (migration to ground water only)
S = Capped at soil saturation limit
ug/L = micrograms per liter
ug/m^3 = micrograms per cubic meter