

**Table 2. Acute Dose-Response Values for Screening Risk Assessments.**

**MRL** = ATSDR minimum risk levels for no adverse effects for 1 to 14-day exposures. **REL** = California EPA reference exposure level for no adverse effects. Most, but not all, RELs are for 1-hour exposures. **AEGL** = Acute exposure guideline levels for mild effects (AEGL-1) and moderate effects (AEGL-2) for 1- and 8-hour exposures. Superscripts indicate the AEGL's status: f = final, i=interim, and p=proposed. **ERPG** = US DOE Emergency Removal Program guidelines for mild or transient effects (ERPG-1) and irreversible or serious effects (ERPG-2) for 1-hour exposures. **IDLH/10** = One-tenth of levels determined by NIOSH to be imminently dangerous to life and health, approximately comparable to mild effects levels for 1-hour exposures. IDLH/10 values shown here are only for substances that lack AEGL and ERPG values. **TEEL** = US DOE Temporary emergency exposure limits for mild, transient effects (TEEL-1) for 1-hour exposures. *TEELs are derived according to a tiered, formula-like methodology, and do not undergo peer review. They are not recommended as the basis for regulatory decision-making, and are shown here only to inform situations where acute values from other sources are not available.*

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Acetaldehyde	75-07-0	1		0.47	81 <sup>f</sup>	81 <sup>f</sup>	490 <sup>f</sup>	200 <sup>f</sup>	18	360		
Acetamide	60-35-5	2										21
Acetonitrile	75-05-8	3			22 <sup>f</sup>		84 <sup>f</sup>	24 <sup>f</sup>				
Acetophenone	98-86-2	4										150
2-Acetylaminofluorene	53-96-3	5										1.2
Acrolein	107-02-8	6	0.0069	0.0025	0.069 <sup>f</sup>	0.069 <sup>f</sup>	0.23 <sup>f</sup>	0.23 <sup>f</sup>	0.11	0.34		
Acrylamide	79-06-1	7									6	
Acrylic acid	79-10-7	8		6	4.4 <sup>f</sup>	4.4 <sup>f</sup>	140 <sup>f</sup>	41 <sup>f</sup>	2.9	150		
Acrylonitrile	107-13-1	9	0.22				3.7 <sup>f</sup>	0.56 <sup>f</sup>	22	76		
Allyl chloride	107-05-1	10			8.8 <sup>f</sup>	8.8 <sup>f</sup>	170 <sup>f</sup>	69 <sup>f</sup>	9.4	130		
4-Aminobiphenyl	92-67-1	11										1.5
Aniline	62-53-3	12			30 <sup>f</sup>	3.8 <sup>f</sup>	46 <sup>f</sup>	5.7 <sup>f</sup>				
Anisidine	90-04-0	13									5	
Antimony compounds	7440-36-0	173									5	
Antimony pentafluoride	7783-70-2	173										2.7
Antimony trihydride	7803-52-3	173					7.7 <sup>f</sup>	0.92 <sup>f</sup>		2.6		
Antimony trioxide	1309-64-4	173										1.8
Arsenic chloride	7784-34-1	174										0.91
Arsenic compounds	7440-38-2	174		0.0002							0.5	
Arsenic oxide	1327-53-3	174					3 <sup>f</sup>	1.2 <sup>f</sup>				
Arsenic pentoxide	1303-28-2	174										0.73
Arsine	7784-42-1	174					0.54 <sup>f</sup>	0.064 <sup>f</sup>		1.6		
Benzene	71-43-2	15	0.029	0.027	170 <sup>f</sup>	29 <sup>f</sup>	2600 <sup>f</sup>	640 <sup>f</sup>	160	480		
Benzidine	92-87-5	16										0.93
Benzotrichloride	98-07-7	17										0.064
Benzyl chloride	100-44-7	18		0.24					5.2	52		
Beryllium chloride	7787-47-5	175										0.02
Beryllium compounds	7440-41-7	175								0.025		
Beryllium fluoride	7787-49-7	175										0.012
Beryllium nitrate	13597-99-4	175										0.047
Beryllium oxide	1304-56-9	175										0.0063
Biphenyl	92-52-4	19					61 <sup>f</sup>	28 <sup>f</sup>				
Bis(2-ethylhexyl)phthalate	117-81-7	20									500	
Bis(chloromethyl)ether	542-88-1	21					0.21 <sup>f</sup>	0.094 <sup>f</sup>		0.47		
Bromoform	75-25-2	22									880	

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
1,3-Butadiene	106-99-0	23		0.66	1500 <sup>f</sup>	1500 <sup>f</sup>	12000 <sup>f</sup>	6000 <sup>f</sup>	22	1100		
Cadmium compounds	7440-43-9	176	0.00003		0.1 <sup>f</sup>	0.041 <sup>f</sup>	0.76 <sup>f</sup>	0.2 <sup>f</sup>				
Cadmium oxide	1306-19-0	176									0.9	
Calcium cyanamide	156-62-7	24										1.5
Captan	133-06-2	26										15
Carbaryl	63-25-2	27									10	
Carbon disulfide	75-15-0	28		6.2	40 <sup>f</sup>	21 <sup>f</sup>	500 <sup>f</sup>	160 <sup>f</sup>	3.1	160		
Carbon tetrachloride	56-23-5	29		1.9			82 <sup>f</sup>	36 <sup>f</sup>	130	630		
Carbonyl sulfide	463-58-1	30					140 <sup>f</sup>	57 <sup>f</sup>				
Catechol	120-80-9	31										68
Chloramben	133-90-4	32										11
Chlordane	57-74-9	33									10	
Chlorine	7782-50-5	34	0.17	0.21	1.5 <sup>f</sup>	1.5 <sup>f</sup>	5.8 <sup>f</sup>	2.1 <sup>f</sup>	2.9	8.7		
Chloroacetic acid	79-11-8	35					26 <sup>f</sup>	3.2 <sup>f</sup>				
2-Chloroacetophenone	532-27-4	36									1.5	
Chlorobenzene	108-90-7	37			46 <sup>f</sup>	46 <sup>f</sup>	690 <sup>f</sup>	690 <sup>f</sup>				
Chlorobenzilate	510-15-6	38										8.4
Chloroform	67-66-3	39	0.49	0.15			310 <sup>f</sup>	140 <sup>f</sup>		240		
Chloromethyl methyl ether	107-30-2	40					1.5 <sup>f</sup>	0.72 <sup>f</sup>		3.3		
Chloroprene	126-99-8	41									110	
Chromium (III) compounds	16065-83-1	177									2.5	
Chromium (VI) compounds	18540-29-9	177									3.2	
Chromium (VI) trioxide, chromic acid mist	11115-74-5	177									1.5	
Chromium chloride	10025-73-7	177										4.6
Chromium compounds	7440-47-3	177									25	
Cobalt bromide	7789-43-7	178										0.22
Cobalt carbonate	513-79-1	178										0.12
Cobalt carbonyl	10210-68-1	178										0.3
Cobalt chloride	7646-79-9	178										0.13
Cobalt compounds	7440-48-4	178									2	
Cobalt hydrocarbonyl	16842-03-8	178							0.9			
Cobalt sulfate	10124-43-3	178										0.16
Fluomine	62207-76-5	178										0.27
m-Cresol	108-39-4	44									110	
o-Cresol	95-48-7	43									110	
p-Cresol	106-44-5	45									110	
Cresols (mixed)	1319-77-3	42									110	
Cumene	98-82-8	46			250 <sup>f</sup>	250 <sup>f</sup>	1500 <sup>f</sup>	640 <sup>f</sup>				
Cyanophos	2636-26-2	180										2.3
Cyanuric fluoride	675-14-9	180										10
Cyanide compounds	57-12-5	180									2.5	
Acetone cyanohydrin	75-86-5	180			7 <sup>f</sup>	3.5 <sup>f</sup>	25 <sup>f</sup>	8.7 <sup>f</sup>				
Barium cyanide	542-62-1	180										44

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Calcium cyanide	592-01-8	180			3.8 <sup>f</sup>	1.9 <sup>f</sup>	13 <sup>f</sup>	4.7 <sup>f</sup>				
Copper cyanide	544-92-3	180										21
Cyanogen	460-19-5	180			4.3 <sup>f</sup>	2.1 <sup>f</sup>	18 <sup>f</sup>	9.2 <sup>f</sup>				
Cyanogen bromide	506-68-3	180										24
Cyanogen chloride	506-77-4	180							0.13			
Cyanogen iodide	506-78-5	180										35
Hydrogen cyanide	74-90-8	180		0.34	2.2 <sup>f</sup>	1.1 <sup>f</sup>	7.8 <sup>f</sup>	2.8 <sup>f</sup>		11		
Isobutyronitrile	78-82-0	180					5.7 <sup>f</sup>	2.3 <sup>f</sup>		85		
Potassium cyanide	151-50-8	180			5.3 <sup>f</sup>	2.7 <sup>f</sup>	19 <sup>f</sup>	6.6 <sup>f</sup>				
Potassium silver cyanide	506-61-6	180										2.9
Potassium thiocyanate	333-20-0	180										2.6
Silver cyanide	506-64-9	180										0.37
Sodium cyanide	143-33-9	180			4 <sup>f</sup>	2 <sup>f</sup>	14 <sup>f</sup>	5 <sup>f</sup>				
Zinc cyanide	557-21-1	180										14
2,4-D, salts and esters	94-75-7	47									10	
DDE	72-55-9	48										6.5
Diazomethane	334-88-3	49									0.34	
Dibenzofuran	132-64-9	50										30
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	187										0.00043
1,2-Dibromo-3-chloropropane	96-12-8	51										0.029
Dibutylphthalate	84-74-2	52									400	
p-Dichlorobenzene	106-46-7	53	12								90	
3,3'-Dichlorobenzidine	91-94-1	54										22
Dichloroethyl ether	111-44-4	55									58	
1,3-Dichloropropene	542-75-6	56										14
Dichlorvos	62-73-7	57	0.018		0.99 <sup>f</sup>	0.99 <sup>f</sup>	5.1 <sup>f</sup>	5.1 <sup>f</sup>				
Diethanolamine	111-42-2	58										3
Diethyl sulfate	64-67-5	60										1
3,3'-Dimethoxybenzidine	119-90-4	61										20
p-Dimethylaminoazobenzene	60-11-7	62										0.6
3,3'-Dimethylbenzidine	119-93-7	63										0.0018
Dimethyl carbamoyl chloride	79-44-7	64										0.066
Dimethyl formamide	68-12-2	65					270 <sup>f</sup>	110 <sup>f</sup>	6	300		
Dimethyl phthalate	131-11-3	67									200	
Dimethyl sulfate	77-78-1	68			0.12 <sup>f</sup>	0.045 <sup>f</sup>	0.62 <sup>f</sup>	0.22 <sup>f</sup>				
N,N-dimethylaniline	121-69-7	59									50	
1,1-Dimethylhydrazine	57-14-7	66					7.4 <sup>f</sup>	0.93 <sup>f</sup>				
4,6-Dinitro-o-cresol	534-52-1	69									0.5	
2,4-dinitrophenol	51-28-5	70										0.61
2,4-Dinitrotoluene	121-14-2	71									37	
2,4/2,6-Dinitrotoluene (mixture)	25321-14-6	71									5	
1,4-Dioxane	123-91-1	72	7.2	3	61 <sup>f</sup>	61 <sup>f</sup>	1200 <sup>f</sup>	360 <sup>f</sup>				
1,2-Diphenylhydrazine	122-66-7	73										120

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Epichlorohydrin	106-89-8	74		1.3	6.4 <sup>f</sup>	6.4 <sup>f</sup>	91 <sup>f</sup>	25 <sup>f</sup>	19	76		
1,2-Epoxybutane	106-88-7	75			210 <sup>f</sup>	210 <sup>f</sup>	410 <sup>f</sup>	410 <sup>f</sup>				
Ethyl acrylate	140-88-5	76			34 <sup>f</sup>	34 <sup>f</sup>	150 <sup>f</sup>	38 <sup>f</sup>	0.041	120		
Ethyl benzene	100-41-4	77	22		140 <sup>f</sup>	140 <sup>f</sup>	4800 <sup>f</sup>	2500 <sup>f</sup>				
Ethyl carbamate (urethane)	51-79-6	78										5.4
Ethyl chloride	75-00-3	79	40								1000	
Ethylene dibromide	106-93-4	80			130 <sup>f</sup>	35 <sup>f</sup>	180 <sup>f</sup>	50 <sup>f</sup>				
Ethylene dichloride	107-06-2	81							200	810		
Ethylene glycol	107-21-1	82	2									
Ethylene imine (Aziridine)	151-56-4	83					8.1 <sup>f</sup>	0.83 <sup>f</sup>				
Ethylene oxide	75-21-8	84					81 <sup>f</sup>	14 <sup>f</sup>		90		
Ethylene thiourea	96-45-7	85										0.085
Ethylidene dichloride (1,1-Dichloroethane)	75-34-3	86									1200	
Formaldehyde	50-00-0	87	0.049	0.055	1.1 <sup>f</sup>	1.1 <sup>f</sup>	17 <sup>f</sup>	17 <sup>f</sup>	1.2	12		
Diethylene glycol monobutyl ether	112-34-5	181										200
Diethylene glycol monoethyl ether	111-90-0	181										410
Ethylene glycol ethyl ether	110-80-5	181		0.37							180	
Ethylene glycol ethyl ether acetate	111-15-9	181		0.14							270	
Ethylene glycol methyl ether	109-86-4	181		0.093							62	
Ethylene glycol methyl ether acetate	110-49-6	181									97	
Heptachlor	76-44-8	88									3.5	
Hexachlorobenzene	118-74-1	89										0.006
Hexachlorobutadiene	87-68-3	90							11	32		
Hexachlorocyclopentadiene	77-47-4	91										0.33
Hexachlorodibenzo-p-dioxin, mixture	19408-74-3	187										0.0013
Hexachloroethane	67-72-1	92	58								290	
Hexamethylene-1,6-diisocyanate	822-06-0	93										0.12
Hexamethylphosphoramide	680-31-9	94										2.5
n-Hexane	110-54-3	95					10000 <sup>f</sup>	10000 <sup>f</sup>				
Hydrazine	302-01-2	96			0.13 <sup>f</sup>	0.13 <sup>f</sup>	17 <sup>f</sup>	2.1 <sup>f</sup>	0.66	6.6		
Hydrochloric acid	7647-01-0	97		2.1	2.7 <sup>f</sup>	2.7 <sup>f</sup>	33 <sup>f</sup>	16 <sup>f</sup>	4.5	30		
Hydrofluoric acid	7664-39-3	98	0.016	0.24	0.82 <sup>f</sup>	0.82 <sup>f</sup>	20 <sup>f</sup>	9.8 <sup>f</sup>	1.6	16		
Hydrogen sulfide	7783-06-4	999	0.098	0.042	0.71 <sup>f</sup>	0.46 <sup>f</sup>	38 <sup>f</sup>	24 <sup>f</sup>	0.14	42		
Hydroquinone	123-31-9	99									5	
Isophorone	78-59-1	100									110	
Lead acetate	301-04-2	182										5
Lead chloride	7758-95-4	182										0.2
Lead compounds	7439-92-1	182									10	
Lead nitrate	10099-74-8	182										0.24
Lead subacetate	1335-32-6	182										5.4
Tetraethyl lead	78-00-2	182									4	
Tetramethyl lead	75-74-1	182									4	
Lindane (gamma-HCH)	58-89-9	101									5	

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Maleic anhydride	108-31-6	102							0.8	20		
<i>Manganese acetate</i>	<i>638-38-0</i>	<i>183</i>										<i>9.4</i>
Manganese chloride	7773-01-5	183										<i>6.9</i>
Manganese compounds	7439-96-5	183									50	
Manganese dioxide	1313-13-9	183										<i>4.7</i>
Manganese oxide	1317-35-7	183										<i>4.2</i>
Manganese sulfate	7785-87-7	183										<i>8.2</i>
Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	183										<i>0.3</i>
Mercuric acetate	1600-27-7	184										<i>0.048</i>
Mercuric chloride	7487-94-7	184										<i>0.1</i>
Mercuric nitrate	10045-94-0	184										<i>0.12</i>
Mercuric oxide	21908-53-2	184										<i>1.5</i>
Mercury (elemental)	7439-97-6	184		0.0006			1.7 <sup>f</sup>	0.33 <sup>f</sup>		2.1		
Methylmercuric dicyanamide	502-39-6	184										<i>0.045</i>
Mercury compounds	HG_CMPDS	184									1	
Methoxyethylmercuric acetate	151-38-2	184										<i>0.048</i>
Methyl mercury	22967-92-6	184									0.2	
Phenylmercuric acetate	62-38-4	184										<i>2</i>
Methanol	67-56-1	103		28	690 <sup>f</sup>	350 <sup>f</sup>	2700 <sup>f</sup>	680 <sup>f</sup>	260	1300		
Methoxychlor	72-43-5	104									500	
Methyl bromide	74-83-9	105	0.19	3.9			820 <sup>f</sup>	260 <sup>f</sup>		190		
Methyl chloride	74-87-3	106	1				1900 <sup>f</sup>	780 <sup>f</sup>	310	2100		
Methyl chloroform (1,1,1-Trichloroethane)	71-55-6	107	11	68	1300 <sup>f</sup>	1300 <sup>f</sup>	3300 <sup>f</sup>	1700 <sup>f</sup>	1900	3800		
Methyl hydrazine	60-34-4	109					1.7 <sup>f</sup>	0.21 <sup>f</sup>				
Methyl iodide	74-88-4	110			130 <sup>f</sup>	64 <sup>f</sup>	480 <sup>f</sup>	170 <sup>f</sup>	150	290		
Methyl isobutyl ketone	108-10-1	111									200	
Methyl isocyanate	624-83-9	112					0.16 <sup>f</sup>	0.019 <sup>f</sup>	0.058	0.58		
Methyl methacrylate	80-62-6	113			70 <sup>f</sup>	70 <sup>f</sup>	490 <sup>f</sup>	200 <sup>f</sup>				
Methyl tert-butyl ether	1634-04-4	114	7.2		180 <sup>f</sup>	180 <sup>f</sup>	2100 <sup>f</sup>	1400 <sup>f</sup>	180	3600		
4,4'-Methylene bis(2-chloroaniline)	101-14-4	115										0.33
Methylene chloride	75-09-2	116	2.1	14	690 <sup>f</sup>		1900 <sup>f</sup>	210 <sup>f</sup>	1000	2600		
Methylene diphenyl diisocyanate	101-68-8	117		0.012							5	
4,4'-Methylenedianiline	101-77-9	118										0.81
Naphthalene	91-20-3	119									130	
Nickel carbonyl	13463-39-3	186					0.25 <sup>f</sup>	0.031 <sup>f</sup>				
Nickel chloride	7718-54-9	186										<i>0.66</i>
Nickel compounds	7440-02-0	186		0.0002							1	
Nickel nitrate	13138-45-9	186										<i>0.93</i>
Nickel oxide	1313-99-1	186										<i>0.76</i>
Nickel sulfate	7786-81-4	186										<i>0.79</i>
Nitrobenzene	98-95-3	120									100	
4-Nitrobiphenyl	92-93-3	121										<i>6.7</i>
4-Nitrophenol	100-02-7	122										<i>0.69</i>

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
2-Nitropropane	79-46-9	123									36	
Nitrosodimethylamine	62-75-9	125										0.082
N-Nitrosomorpholine	59-89-2	126										0.85
N-Nitroso-N-methylurea	684-93-5	124										0.33
Parathion	56-38-2	127					1.5 <sup>f</sup>	0.48 <sup>f</sup>				
Polychlorinated biphenyls	1336-36-3	136										13
Aroclor 1016	12674-11-2	136										5.6
Aroclor 1221	11104-28-2	136										12
Aroclor 1242	53469-21-9	136									0.5	
Aroclor 1248	12672-29-6	136										6.6
Aroclor 1254	11097-69-1	136									0.5	
Aroclor 1260	11096-82-5	136										0.41
Pentachloronitrobenzene	82-68-8	128										1.5
Pentachlorophenol	87-86-5	129									0.25	
Phenol	108-95-2	130		5.8	58 <sup>f</sup>	24 <sup>f</sup>	89 <sup>f</sup>	46 <sup>f</sup>	38	190		
p-Phenylenediamine	106-50-3	131									2.5	
Phosgene	75-44-5	132		0.004			1.2 <sup>f</sup>	0.16 <sup>f</sup>		2		
Phosphine	7803-51-2	133					2.8 <sup>f</sup>	0.35 <sup>f</sup>		0.7		
Phosphorus	7723-14-0	134	0.02		3.7 <sup>f</sup>	0.47 <sup>f</sup>	11 <sup>f</sup>	1.4 <sup>f</sup>				
Phthalic anhydride	85-44-9	135									6	
Acenaphthene	83-32-9	187										3.6
<i>2-Aminoanthraquinone</i>	<i>117-79-3</i>	<i>187</i>										9
Anthracene	120-12-7	187										48
Benz(a)anthracene	56-55-3	187										0.6
Benzo(b)fluoranthene	205-99-2	187										0.12
Benzo(g,h,i)perylene	191-24-2	187										30
Benzo(a)pyrene	50-32-8	187										0.6
Carbazole	86-74-8	187										0.66
beta-Chloronaphthalene	91-58-7	187										6.2
Chrysene	218-01-9	187										0.6
Dibenz(a,h)anthracene	53-70-3	187										0.093
Dibenzo[a,e]pyrene	192-65-4	187										30
Fluoranthene	206-44-0	187										8.2
Fluorene	86-73-7	187										6.6
Indeno(1,2,3-cd)pyrene	193-39-5	187										1.2
3-Methylcholanthrene	56-49-5	187										0.2
1-Methylnaphthalene	90-12-0	187										20
2-Methylnaphthalene	91-57-6	187										9
2-Naphthylamine	91-59-8	187										2.2
1-Nitropyrene	5522-43-0	187										0.0064
Phenanthrene	85-01-8	187										5.4
Pyrene	129-00-0	187										0.15
1,3-Propane sultone	1120-71-4	137										1.6

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
beta-Propiolactone	57-57-8	138										4.4
Propionaldehyde	123-38-6	139			110 <sup>f</sup>	110 <sup>f</sup>	620 <sup>f</sup>	260 <sup>f</sup>				
Propoxur	114-26-1	140										1.5
Propylene dichloride	78-87-5	141	0.23								180	
Propylene oxide	75-56-9	142		3.1	170 <sup>f</sup>	170 <sup>f</sup>	690 <sup>f</sup>	200 <sup>f</sup>	120	590		
1,2-Propyleneimine	75-55-8	143					28 <sup>f</sup>	2.8 <sup>f</sup>				
Quinoline	91-22-5	144										0.016
Quinone	106-51-4	145									10	
Selenium compounds	7782-49-2	189									0.1	
Hydrogen selenide	7783-07-5	189		0.005			0.36 <sup>f</sup>	0.16 <sup>f</sup>		0.66		
Potassium selenate	7790-59-2	189										1.7
Selenious acid	7783-00-8	189										23
Selenium dioxide	7446-08-4	189										0.84
Selenium disulfide	7488-56-4	189										1.1
Selenium oxychloride	7791-23-3	189										1.3
Selenium sulfide	7446-34-6	189										0.84
Sodium selenate	13410-01-0	189										1.4
Sodium selenite	10102-18-8	189										1.3
Styrene	100-42-5	146	21	21	85 <sup>f</sup>	85 <sup>f</sup>	550 <sup>f</sup>	550 <sup>f</sup>	210	1100		
Styrene oxide	96-09-3	147										1.6
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	148										0.00013
1,1,2,2-Tetrachloroethane	79-34-5	149									69	
Tetrachloroethene	127-18-4	150	0.041	20	240 <sup>f</sup>	240 <sup>f</sup>	1600 <sup>f</sup>	550 <sup>f</sup>	680	1400		
Titanium tetrachloride	7550-45-0	151					7.8 <sup>f</sup>	0.73 <sup>f</sup>	5	20		
Toluene	108-88-3	152	7.5	37	250 <sup>f</sup>	250 <sup>f</sup>	2100 <sup>f</sup>	940 <sup>f</sup>	190	1100		
2,4-Toluene diamine	95-80-7	153										0.075
2,4/2,6-Toluene diisocyanate mixture (TDI)	26471-62-5	154	0.000071	0.002								
2,4-Toluene diisocyanate	584-84-9	154		0.002	0.14 <sup>f</sup>	0.071 <sup>f</sup>	0.59 <sup>f</sup>	0.15 <sup>f</sup>	0.071	1.1		
o-Toluidine	95-53-4	155									22	
Toxaphene	8001-35-2	156									20	
1,2,4-Trichlorobenzene	120-82-1	157										3.3
1,1,2-Trichloroethane	79-00-5	158									55	
Trichloroethylene	79-01-6	159			700 <sup>f</sup>	410 <sup>f</sup>	2400 <sup>f</sup>	1300 <sup>f</sup>	540	2700		
2,4,5-Trichlorophenol	95-95-4	160										2.5
2,4,6-Trichlorophenol	88-06-2	161										2.5
Triethylamine	121-44-8	162		2.8							83	
Trifluralin	1582-09-8	163										1.2
2,2,4-trimethylpentane	540-84-1	164										1100
Uranium compounds	7440-61-1	188									1	
Uranium (IV) dioxide	1344-57-6	188								10		
Uranium hexafluoride	7783-81-5	188			3.6 <sup>f</sup>		9.6 <sup>f</sup>	1.2 <sup>f</sup>	5	15		
Uranium oxide	1344-59-8	188								10		
Uranium, soluble salts	URANSOLS	188										1.3

Table 2. Acute Dose-Response Values for Screening Risk Assessments			MRL	REL	AEGL-1 (1-h)	AEGL-1 (8-h)	AEGL-2 (1-h)	AEGL-2 (8-h)	ERPG-1	ERPG-2	IDLH/10	TEEL-1
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Uranyl acetate dihydrate	541-09-3	188										0.98
<i>Uranyl fluoride</i>	<i>13536-84-0</i>	<i>188</i>										<i>0.78</i>
Uranyl nitrate hexahydrate	13520-83-7	188										1.3
Vinyl acetate	108-05-4	165			24 <sup>f</sup>	24 <sup>f</sup>	130 <sup>f</sup>	53 <sup>f</sup>	18	260		
Vinyl bromide	593-60-2	166										170
Vinyl chloride	75-01-4	167	1.3	180	640 <sup>f</sup>	180 <sup>f</sup>	3100 <sup>f</sup>	2100 <sup>f</sup>	1300	13000		
Vinylidene chloride	75-35-4	168								2000		
m-Xylene	108-38-3	171		22							390	
o-Xylene	95-47-6	170		22							390	
p-Xylene	106-42-3	172		22							390	
Xylenes (mixed)	1330-20-7	169	8.7	22	560 <sup>f</sup>	560 <sup>f</sup>	4000 <sup>f</sup>	1700 <sup>f</sup>				