Table 2. Acute Dose-Response Values (10/22/03)			AEGL-1	AEGL-2	AEGL-3	ERPG-1	ERPG-2	ERPG-3	IDLH/10	MRL	REL
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Acetaldehyde	75-07-0	1				18	360	1800	360		
Acetonitrile	75-05-8	3							84		
Acrolein	107-02-8	6	0.069 [p]	0.23 [p]	3.2 [p]	0.23	1.1	6.9	0.46	0.00011	0.00019
Acrylamide	79-06-1	7							6		
Acrylic acid	79-10-7	8	2.9 [i]	140 [i]	530 [i]	5.9	150	2200			6
Acrylonitrile	107-13-1	9				22	77	170	19	0.22	
Allyl chloride	107-05-1	10				9.4	130	940	78		
Aniline	62-53-3	12	30 [f]	46 [f]	57 [f]				38		
Anisidine	90-04-0	13							5		
Antimony compounds	7440-36-0	173							5		
Arsenic compounds	7440-38-2	174							0.5		0.00019
Arsine	7784-42-1	174		0.54 [f]	1.6 [f]		1.6	4.8	0.96		0.16
Benzene	71-43-2	15		2600 [p]	13000 [p]	160	480	3200	160	0.16	1.3
Benzyl chloride	100-44-7	18				5.2	52	130	52		0.24
Beryllium compounds	7440-41-7	175					0.025	0.1	0.4		
Bis(chloromethyl)ether	542-88-1	21					0.47	2.4			
Bromoform	75-25-2	22							880		
1,3-Butadiene	106-99-0	23				22	440	11000	440		
Cadmium compounds	7440-43-9	176							9		
Carbaryl	63-25-2	27							10		
Carbon disulfide	75-15-0	28	12 [p]	500 [p]	1500 [p]	3.1	160	1600	160		6.2
Carbon tetrachloride	56-23-5	29	75 [i]	350 [i]	1100 [i]	130	630	4700	130	1.3	1.9
Chlordane	57-74-9	33							10		
Chlorine	7782-50-5	34	1.5 [i]	5.8 [i]	58 [i]	2.9	8.7	58	2.9		0.21
Chloroacetic acid	79-11-8	35		26 [p]							
Chlorobenzene	108-90-7	37							460		
Chloroform	67-66-3	39		430 [p]	8300 [p]		240	24000	240	0.49	0.15
Chloromethyl methyl ether	107-30-2	40		0.2 [i]	3.1 [i]		3.3	33			
Chloroprene	126-99-8	41							110		
Chromium (VI) compounds	18540-29-9	177							1.5		
Chromium (VI) trioxide, chromic acid mist	11115-74-5	177							1.5		
Cobalt compounds	7440-48-4	178							2		
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							440		
Cyanide compounds	57-12-5	180							2.5		
Acetone cyanohydrin	75-86-5	180	2.9 [p]	19 [p]	52 [p]						
Cyanogen chloride	506-77-4	180					1	10			
Hydrogen cyanide	74-90-8	180	2.2 [i]	7.8 [f]	17 [f]		11	28	5.5		0.34
2,4-D, salts and esters	94-75-7	47							10		
Dibutylphthalate	84-74-2	52							400		
p-Dichlorobenzene	106-46-7	53							90	4.8	
Dichloroethyl ether	111-44-4	55							58		

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Table 2. Acute Dose-Response Values (10/22/03)			AEGL-1	AEGL-2	AEGL-3	ERPG-1	ERPG-2	ERPG-3	IDLH/10	MRL	REL
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Dichlorvos	62-73-7	57							10	0.018	
Dimethyl formamide	68-12-2	65		270 [p]	540 [p]	6	300	600	150		
Dimethyl phthalate	131-11-3	67							200		
Dimethyl sulfate	77-78-1	68							3.6		
N,N-dimethylaniline	121-69-7	59							50		
1,1-Dimethylhydrazine	57-14-7	66		7.4 [f]	27 [f]				3.7		
4,6-Dinitro-o-cresol	534-52-1	69							0.5		
2,4-Dinitrotoluene	121-14-2	71							5		
1,4-Dioxane	123-91-1	72	61 [p]	1200 [p]	2700 [p]				180		3
Epichlorohydrin	106-89-8	74	19 [p]	91 [p]	270 [p]	7.6	76	380	28		1.3
Ethyl acrylate	140-88-5	76				0.041	120	1200	1400		
Ethyl benzene	100-41-4	77							350		
Ethyl chloride	75-00-3	79							1000	40	
Ethylene dibromide	106-93-4	80							77		
Ethylene dichloride	107-06-2	81				200	810	810	20		
Ethylene glycol	107-21-1	82								1.3	
Ethylene imine (aziridine)	151-56-4	83		8.1 [i]	17 [i]						
Ethylene oxide	75-21-8	84		81 [i]	360 [i]		90	900	140		
Ethylidene dichloride	75-34-3	86							1200		
Formaldehyde	50-00-0	87	0.49 [p]	17 [p]	61 [p]	1.2	12	31	2.5	0.049	0.094
Ethylene glycol butyl ether	111-76-2	181							340	29	14
Ethylene glycol ethyl ether	110-80-5	181							180		0.37
Ethylene glycol ethyl ether acetate	111-15-9	181									0.14
Ethylene glycol methyl ether	109-86-4	181									0.093
Heptachlor	76-44-8	88							3.5		
Hexachlorobutadiene	87-68-3	90				32	110	320			
Hexachloroethane	67-72-1	92								58	
n-Hexane	110-54-3	95							390		
Hydrazine	302-01-2	96	0.13 [i]	17 [i]	46 [i]	0.65	6.5	39	6.5		
Hydrochloric acid	7647-01-0	97	2.7 [i]	33 [i]	150 [i]	4.5	30	220	7.5		2.1
Hydrofluoric acid	7664-39-3	98	0.82 [i]	20 [i]	36 [i]	1.6	16	41	2.5	0.025	0.24
Hydroquinone	123-31-9	99							5		
Lead compounds	7439-92-1	182							10		
Tetraethyl lead	78-00-2	182							4		
Tetramethyl lead	75-74-1	182							4		
Lindane (gamma-HCH)	58-89-9	101							5		
Maleic anhydride	108-31-6	102							1		
Manganese compounds	7439-96-5	183							50		
Mercury (elemental)	7439-97-6	184					1.6	16			0.0018
Mercury compounds	HG_CMPDS	184							1		
Methyl mercury	22967-92-6	184							0.2		
Methanol	67-56-1	103	690 [i]	2700 [i]	10000 [i]	260	1300	6500	790		28
Methoxychlor	72-43-5	104							500		
Methyl bromide	74-83-9	105					190	780	97	0.19	3.9
Methyl chloride	74-87-3	106					830	2100	410	1	

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Table 2. Acute Dose-Response Values (10/22/03)			AEGL-1	AEGL-2	AEGL-3	ERPG-1	ERPG-2	ERPG-3	IDLH/10	MRL	REL
CHEMICAL NAME	CAS NO.	HAP NO.	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Methyl ethyl ketone	78-93-3	108	290 [p]	5000 [p]	12000 [p]						13
Methyl hydrazine	60-34-4	109		3.6 [f]	11 [f]				7.2		
Methyl iodide	74-88-4	110				150	290	730	58		
Methyl isocyanate	624-83-9	112		0.16 [i]	0.47 [i]	0.058	1.2	12	0.7		
Methyl methacrylate	80-62-6	113							410		
Methyl tert-butyl ether	1634-04-4	114								7.2	
Methylene chloride	75-09-2	116				690	2600	14000	800	2.1	14
Methylene diphenyl diisocyanate	101-68-8	117				0.2	2	25	7.5		
Naphthalene	91-20-3	119							130		
Nickel carbonyl	13463-39-3	186		0.25 [i]	1.1 [i]				1.4		
Nickel compounds	7440-02-0	186							1		0.006
Nitrobenzene	98-95-3	120							100		
2-Nitropropane	79-46-9	123							36		
Parathion	56-38-2	127							1		
Pentachlorophenol	87-86-5	129							0.25		
Phenol	108-95-2	130	17 [i]	58 [i]	180 [i]	38	190	770	96		5.8
Phosgene	75-44-5	132		1.2 [f]	3 [f]		0.81	4	0.81		0.004
Phosphine	7803-51-2	133		2.8 [i]	5 [i]		0.7	7			
Phosphorus, white	7723-14-0	134								0.02	
Phthalic anhydride	85-44-9	135							6		
Propylene dichloride	78-87-5	141							180	0.23	
Propylene oxide	75-56-9	142	140 [i]	690 [i]	1400 [i]	120	590	1800	95		3.1
1,2-Propyleneimine	75-55-8	143		28 [i]	54 [i]						
Quinone	106-51-4	145							10		
Selenium compounds	7782-49-2	189							0.1		
Hydrogen selenide	7783-07-5	189		2.4 [p]	7.3 [p]		0.66	6.6	0.33		0.005
Styrene	100-42-5	146				210	1100	4300	300		21
1,1,2,2-Tetrachloroethane	79-34-5	149							69		
Tetrachloroethene	127-18-4	150	240 [i]	1600 [i]	8100 [i]	680	1400	6800	100	1.4	20
Titanium tetrachloride	7550-45-0	151	0.54 [p]	7.8 [p]	44 [p]	5	20	100			
Toluene	108-88-3	152	750 [i]	1900 [i]	11000 [i]	190	1100	3800	190	3.8	37
2,4-Toluene diisocyanate	584-84-9	154	0.14 [i]	0.59 [i]	3.6 [i]	0.071			1.8		
o-Toluidine	95-53-4	155							22		
1,1,2-Trichloroethane	79-00-5	158							55		
1,1,1-Trichloroethane	71-55-6	107	1300 [i]	3300 [i]	21000 [i]	1900	3800	19000	380	11	68
Trichloroethylene	79-01-6	159	700 [p]	2400 [p]	20000 [p]	540	2700	27000		11	
Triethylamine	121-44-8	162									2.8
Uranium compounds	7440-61-1	188							1		
Uranium hexafluoride	7783-81-5	188	52 [i]	140 [i]	520 [i]	5	15	30			
Vinyl acetate	108-05-4	165				18	260	1800			
Vinyl chloride	75-01-4	167	640 [p]	3100 [p]	12000 [p]					1.3	180
m-Xylene	108-38-3	171							390		
o-Xylene	95-47-6	170							390		
p-Xylene	106-42-3	172							390		
Xylenes (mixed)	1330-20-7	169	560 [p]	1900 [p]	4000 [p]				390	4.3	22

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