

	Chemical	CAS Registry Numbers	BP (C)	30Min Low (ppm)	15Min Low (ppm)	10Min Low (ppm)	3Min Low (ppm)	3Min High (ppm)	OSHA PEL (ppm)	Cal/OSHA PEL (ppm)	NIOSH REL (ppm)	ACGIH TLV (ppm)	IDLH (ppm)	STEL (ppm)	Ionization Potential (eV)
1	1-Propanethiol	107-03-9	67.2	1.42	2.95	4.58	20.62	2500.00						C 0.5	9.20
2	1,1 Dichloroethane	75-34-3	57.2	0.59	1.21	1.89	8.50	2550.00	TWA 100	TWA 100	TWA 100	TWA 100	3000		11.06
3	1,1 Dichloroethene	75-35-4	32.0	0.59	1.21	1.89	8.50	2550.00		TWA 1		TWA 5		20 (ACGIH)	10.00
4	1,1 Difluoroethane	75-37-6	-25.0	2.62	2.62	2.62	8.50	2550.00	TWA 2.5		TWA 1000 (AIHA)				11.06
5	1,1-Dimethylhydrazine	57-14-7	63.9	1.38	2.86	4.45	20.03	5388.14	TWA 0.5	TWA 0.01		TWA 0.01			9.12
6	1,1,1 Trichloroethane	71-55-6	74.0	0.44	0.91	1.42	6.38	2550.00	TWA 350	TWA 350		TWA 350	700	450 (OSHA,ACGIH)	11.00
7	1,1,1,2-Tetrachloro-2,2,-difluoroethane	76-11-9	91.7	1.65	3.43	5.33	23.99	6398.93	TWA 500	TWA 500	TWA 500	TWA 100	2000		
8	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	47.5	0.59	1.21	1.89	8.50	2550.00	TWA 1000	TWA 1000	TWA 1000	TWA 1000	2000	1250 (Cal OSHA, NIOSH, ACGIH)	11.99
9	1,1,2,2-Tetrachloro-1,2,-difluoroethane	76-12-0	92.8	1.66	3.45	5.36	24.14	6441.14	TWA 500	TWA 500	TWA 500	TWA 50	2000		11.30
10	1,2 Butylene Oxide	106-88-7	63.3	2.56	5.30	8.24	37.10	9078.48			2 (WEEL)				
11	1,2 Dichloroethane	107-06-2	83.5	0.59	1.21	1.89	8.50	2550.00	TWA 50	TWA 1	Ca TWA 1	TWA 10	Ca [50]	2 (OSHA,NIOSH)	11.05
12	1,2 Dichloropropane	78-87-5	96.0	0.59	1.21	1.89	8.50	2550.00	TWA 75	TWA 75		TWA 10	Ca [400]	110 (Cal/OSHA)	10.87
13	1,2-Dimethylhydrazine	306-37-6	81.0	3.79	7.84	12.20	54.90	11539.01	TWA 0.5		C 0.06		15	C 0.06 ppm	8.05
14	1,3 Butadiene	106-99-0	-4.4	2.76	2.91	4.53	20.40	7435.75	TWA 1	TWA 1	TWA 1	TWA 2	Ca [2000]	5 ppm (OSHA,NIOSH)	9.07
15	1,3 Dichloropropene	10061-01-5	104	0.59	1.21	1.89	8.50	2550.00				TWA 1 ppm			?
16	1,4 Dioxane	123-91-1	101	2.23	4.62	7.19	32.37	2500.00	TWA 100	TWA 0.28		TWA 20	500		9.13
17	2 - Chloropropane	75-29-6	35.7	0.59	1.21	1.89	8.50	2550.00			50 (WEEL)				
18	2 -Butanol	78-92-2	100.0	2.89	5.98	9.31	41.89	9778.95	TWA 150	TWA 100	TWA 100	TWA 100	2000	150 (NIOSH)	10.10
19	2-Pentanone	107-87-9	101	2.11	4.37	6.80	30.60	8250.00	TWA 200	TWA 200	TWA 150		1500	250 (Cal OSHA), 150 (ACGIH)	9.39
20	2,2,4 Trimethylpentane	540-84-1	99.0	1.87	3.88	6.03	27.13	7497.14				TWA 300			
21	2,3 Butanedione	431-03-8	88.0	1.41	2.91	4.53	20.38	6293.10				TWA 0.01		.02 (ACGIH TLV)	
22	2-Butanone (MEK)	78-93-3	79.6	2.56	5.30	8.24	37.10	9078.48	TWA 200	TWA 200	TWA 200	TWA 200	3000	300 (ALL)	9.54
23	2-Methyltetrahydrofuran	96-47-9	80.2	1.41	2.91	4.53	20.40	10736.67							
24	Acetaldehyde	75-07-0	20.2	4.24	8.79	13.67	61.50	12369.27	TWA 200	TWA 200			Ca [2,000]		10.22
25	Acetone	67-64-1	56.0	1.41	2.91	4.53	20.40	10481.60	TWA 1000	TWA 500	TWA 250	TWA 250	2500	750 (Cal/OSHA), 500 (ACGIH)	9.69
26	Acetone Cyanohydrin*	75-86-5	95.0	1.62	3.36	5.22	23.49	6864.64			C 1			C 1 ppm	?
27	Acetonitrile	75-05-8	82.0	4.17	8.63	13.42	60.40	12233.53	TWA 40	TWA 40	TWA 20	TWA 20	500	60 (Cal/OSHA)	12.20
28	Acrolein (Propenal)	107-02-8	53.0	2.62	5.43	8.45	38.03	9217.63		TWA 0.1	TWA 0.1			3 (NIOSH)	10.13
29	Acrylonitrile	107-13-1	77.0	1.00	2.06	3.21	14.45	5685.55	TWA 2		Ca TWA 1	TWA 2			10.91
30	Allyl Alcohol	107-18-6	97.0	3.24	6.70	10.43	46.92	10481.60	TWA 2	TWA 0.5	TWA 2	TWA 0.5	20	2 (Cal/OSHA, NIOSH)	9.63
31	Allyl Chloroformate	2937-50-0	27.0	0.59	1.21	1.89	8.50	2550.00							
32	Allylamine	107-11-9	53.0	3.87	8.02	12.47	56.11	11693.34							
33	Allylchloride	107-05-1	45.0	0.59	1.21	1.89	8.50	2550.00	TWA 1	TWA 1	TWA 1	TWA 1	250	2 (ALL)	10.05
34	Ammonia*	7664-41-7	-33.3	70.04	70.04	70.04	156.45	21899.54	TWA 50	TWA 25	TWA 25	TWA 25	300	35 (ALL)	10.18
35	Benzene	71-43-2	81.0	0.82	0.82	2.64	11.90	7415.39		TWA 100	Ca TWA 0.1	TWA 0.5		1 (NIOSH), 5 (Cal/OSHA)	9.24
36	Boron Tribromide	10294-33-4	91.0	0.59	1.21	1.89	8.50	2550.00			C 1			C 1 ppm	9.70
37	Boron Trichloride	10294-34-5	12.6	0.64	1.21	1.89	8.50	2550.00	TWA 25			TWA 50		125 (OSHA)	
38	Bromine*	7726-95-6	58.8	0.59	1.21	1.89	8.50	2550.00	TWA 0.1		TWA 0.1	TWA 0.1	3	0.3 (NIOSH), 0.2 (ACGIH)	10.55
39	Bromine chloride	13863-41-7	5.0	0.82	1.21	1.89	8.50	2550.00							
40	Bromine Pentafluoride	7789-30-2	40.3	0.59	1.21	1.89	8.50	2550.00			TWA 0.1				?
41	Bromochloromethane	74-97-5	68.1	0.59	1.21	1.89	8.50	2550.00	TWA 200	TWA 200	TWA 200	TWA 200	2000		10.77
42	Bromodichloromethane	75-27-4	90.0	0.59	1.21	1.89	8.50	2550.00							
43	Bromomethane*	74-83-9	3.6	0.52	0.73	1.13	5.10	637.50		TWA 1		TWA 1	Ca [250]	20 (Cal/OSHA)	10.54
44	Carbon Disulfide	75-15-0	46.3	0.29	0.60	0.94	4.23	2404.48	TWA 20	TWA 1	TWA 1	TWA 1	500	12 (Cal/OSHA), 10 (NIOSH)	10.08
45	Carbon Tetrachloride	56-23-5	76.7	0.59	1.21	1.89	8.50	2550.00	TWA 10	TWA 2		TWA 5	Ca [200]	10 (Cal/OSHA), Ca 2 (NIOSH)	11.47
46	Carbonyl Sulfide*	463-58-1	-50.2	16.54	16.54	16.54	15.94	3586.21				TWA 5			
47	Chlorine*	7782-50-5	-34.0	3.93	3.93	3.93	8.50	2550.00		TWA 0.5		TWA 0.1	10	1 (Cal/OSHA), .4 (ACGIH)	11.48
48	Chlorine Dioxide	10049-04-4	9.7	0.70	1.21	1.89	8.50	2550.00	TWA 0.1	TWA 0.1	TWA 0.1		5	0.3 (Cal/OSHA, NIOSH)	10.36
49	Chlorine Pentafluoride	13637-63-3	-13.1	1.60	1.60	1.89	8.50	2550.00							
50	Chlorine Trifluoride*	7790-91-2	11.8	0.66	1.21	1.89	8.50	2550.00	C 0.1		C 0.1		20		13.00
51	Chlorodifluoromethane	75-45-6	-40.7	11.59	7.38	11.59	11.59	2550.00			TWA 1000			1250 (NIOSH)	12.45

	Chemical	CAS Registry Numbers	BP (C)	30Min Low (ppm)	15Min Low (ppm)	10Min Low (ppm)	3Min Low (ppm)	3Min High (ppm)	OSHA PEL (ppm)	Cal/OSHA PEL (ppm)	NIOSH REL (ppm)	ACGIH TLV (ppm)	IDLH (ppm)	STEL (ppm)	Ionization Potential (eV)
52	Chloroacetaldehyde	107-20-0	85.0	0.86	1.79	2.78	12.50	4666.98	C 1 ppm		C 1 ppm		45	C 1 ppm	10.61
53	Chloroethane	75-00-3	12.3	0.64	1.21	1.89	8.50	2550.00	TWA 1000	TWA 100		TWA 100	3600		10.97
54	Chloroform	67-66-3	61.2	0.23	0.49	0.76	3.40	3584.45		TWA 2		TWA 10	Ca [500]	2 (NIOSH)	11.42
55	Chloromethane	74-87-3	-24.2	2.53	2.53	2.53	8.50	2686.00	TWA 100	TWA 50		TWA 50	Ca [2000]	100 (Cal/OSHA, ACGIH)	11.28
56	Chloromethyl methyl ether	107-30-2	58.9	1.31	2.72	4.23	19.05	2500.00							10.25
57	Chloroprene	126-99-8	59.4	0.59	1.21	1.89	8.50	2550.00	TWA 25	TWA 10	C 1 ppm	TWA 1	Ca [300]	C 1 ppm	8.79
58	cis 1,2 Dichloroethylene	156-59-2	60.0	0.59	1.21	1.89	8.50	2550.00	TWA 200		TWA 200	TWA 200	1000		9.65
59	Crotonaldehyde	4170-30-3	104.0	2.17	4.49	6.99	31.45	8272.2	TWA 2		TWA 2		50		9.73
60	cyanogen	460-19-5	-21.1	2.80	2.80	2.80	10.73	2500.00			TWA 10				13.57
61	Cyanogen Chloride*	506-77-4	13.0	0.63	1.21	1.89	8.50	2550.00			C 0.3			C 0.3 ppm	12.49
62	Cyclo-hexane	110-82-7	81.0	2.38	4.93	7.66	34.49	8682.31	TWA 300	TWA 300	TWA 300	TWA 100	1300		9.88
63	Cyclopentadiene	542-92-7	41.7	1.20	2.49	3.87	17.41	4641.60	TWA 75	TWA 75	TWA 75		750		8.56
64	Cyclopentane	287-92-3	49.4	1.27	2.62	4.08	18.35	4892.48			TWA 600				10.52
65	Diazomethane	334-88-3	-22.8	2.97	2.97	2.97	10.58	2816.79	TWA 0.2	TWA 0.3	TWA 0.2	TWA 0.2	2		9.00
66	Dibromomethane	74-95-3	96.95	0.59	1.21	1.89	8.50	2550.00							9
67	Dibutyl phosphate	107-66-4	100	1.74	3.60	5.60	25.19	2500.00	TWA 1 ppm		TWA 1		30	2 ppm	?
68	Dichlorofluoromethane	75-43-4	8.9	0.58	0.97	1.51	6.80	2550.00	TWA 1000	TWA 10	TWA 10	TWA 10	5000		12.39
69	Dichloromethane	75-09-2	39.6	0.18	0.36	0.57	2.55	4779.55	TWA 25	TWA 25		TWA 50	Ca [2300]	125 (Cal/OSHA)	11.32
70	Dichlorodifluoromethane	75-71-8	-29.8	3.24	3.24	3.24	8.50	2550.00	TWA 1000	TWA 1000	TWA 1000	TWA 1000	15000		11.75
71	Dichlorvos	62-73-7	74.1	0.59	1.21	1.89	8.50	2550.00	TWA 0.11	TWA 0.11	TWA 0.11	TWA .11	11		?
72	Diethyl ketone	96-22-0	101.7	2.11	4.37	6.80	30.60	8015.5			TWA 200				9.32
73	Difluorodibromomethane	75-61-6	24.4	1.06	2.20	3.42	15.40	4103.67	TWA 100	TWA 100	TWA 100	TWA 100	2000		11.07
74	Difluoromethane	75-10-5	-52.0	6.70	6.70	6.70	5.86	2550.00							
75	Diisopropylamine	108-18-9	83.9	1.58	3.27	5.08	22.88	2500.00	TWA 5	TWA 5	TWA 5	TWA 5	200		7.73
76	Dimethylamine	124-40-3	7.0	8.53	13.48	20.97	94.36	16071.99	TWA 10	TWA 5	TWA 10	TWA 5	500	15 (Cal/OSHA, ACGIH)	8.24
77	Enflurane	13838-16-9	56.7	1.33	2.75	13.48	20.97	5136.78			C 2 ppm			C 2 ppm	?
78	Ethanol	64-17-5	78.4	2.36	4.88	7.60	34.18	8634.46	TWA 1000	TWA 1000	TWA 1000		3300	1000 (All)	10.47
79	Ethanthiol	75-08-1	35.0	1.03	2.14	3.33	14.98	5212.00		TWA 0.5		TWA 0.5	500		9.29
80	Ethyl Acetate	141-78-6	77.1	0.76	1.58	2.46	11.05	3584.45	TWA 400	TWA 400	TWA 400	TWA 400	2000		10.01
81	Ethyl Acrylate	140-88-5	99.4	1.26	2.61	4.05	18.24	5880.44	TWA 25	TWA 5		TWA 5	Ca [300]	25 (Cal/OSHA), 15 (ACGIH)	10.30
82	Ethylamine	75-04-7	16.7	1.00	2.08	3.23	14.54	2500.00	TWA 10		TWA 10	TWA 5	600		8.86
83	Ethyl Bromide	74-96-4	38.3	1.17	2.43	3.78	17.00	4532.99	TWA 200	TWA 5		TWA 5	2000		10.29
84	Ethyl Chloroformate*	541-41-3	95.0	0.59	1.21	1.89	8.50	2550.00							
85	Ethyleneimine	151-56-4	56.1	1.32	2.74	4.26	19.19	2500.00		TWA 0.5		TWA 0.5	100	0.1 (ACGIH)	9.20
86	Ethyl Ether	60-29-7	34.6	2.89	5.98	9.31	41.89	9778.95	TWA 400	TWA 400		TWA 400	1900	500 (Cal/OSHA, ACGIH)	9.53
87	Ethyl Formate	109-94-4	54.3	1.89	3.91	6.08	27.36	7534.76	TWA 100	TWA 100	TWA 100	TWA 100	1500	100 (ACGIH)	10.61
88	Ethyl Phosphonic Dichloride	1066-50-8	71.0	0.59	1.21	1.89	8.50	2550.00							
89	Ethylene Oxide	75-21-8	10.7	4.91	8.79	13.67	61.50	12369.27		TWA 1	Ca TWA < 0.1	TWA 1	Ca [800]	5 (Cal/OSHA)	10.56
90	Fluoroxene	406-90-6	42.8	1.21	2.51	3.90	17.54	4676.82				C 2 ppm		C 2 ppm	?
91	Formaldehyde*	50-00-0	-19.0	19.56	19.56	19.56	81.78	14724.56		TWA 0.75	Ca TWA 0.016	TWA 0.1	Ca [20]	2 (Cal/OSHA), 0.3 (ACGIH)	10.88
92	Furan	110-00-9	31.3	1.81	3.74	5.82	26.20	7337.49							
93	Glutaraldehyde	111-30-8	100.0	1.74	3.60	5.60	25.19	6720.72				C 0.2		C 0.2 ppm	?
94	Halothane	151-67-7	50.0	1.27	2.63	4.09	18.42	4912.31						C 2 ppm	?
95	Hexafluoroacetone	684-16-2	-27.8	3.52	3.52	3.52	10.12	2500.00			TWA 0.1				11.81
96	HN-1 (Nitrogen Mustard)	538-07-8	85.5	0.59	1.21	1.89	8.50	2550.00							
97	HN-2 (Nitrogen Mustard)	51-75-2	75.0	0.59	1.21	1.89	8.50	2550.00							
98	Hydrogen cyanide*	74-90-8	25.6	5.07	10.51	16.35	73.56	13800.52	TWA 10				50	4.7 (NIOSH)	13.60
99	Hydrogen fluoride	7664-39-3	19.5	0.59	1.21	1.89	8.50	2550.00	TWA 3	TWA 0.4 as F	TWA 3	TWA 0.5 as F	30	1 as F (Cal/OSHA)	15.98
100	Hydrogen Iodide	10034-85-2	-35.4	4.56	4.56	4.56	9.27	2550.00							
101	Hydrogen Selenide	7783-07-5	-41.3	11.17	11.17	11.17	17.08	2167.00	TWA 0.05	TWA 0.05	TWA 0.05	TWA 0.05	1		9.88
102	Hydrogen Telluride	7783-09-7	-2.2	0.13	0.15	0.23	1.04	1019.46							

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103	Iodomethane	74-88-4	42.0	0.59	1.21	1.89	8.50	2550.00	TWA 5	TWA 2	TWA 5	TWA 2	Ca [100]		9.54
104	Isobutane	75-28-5	-11.7	13.29	13.29	16.55	74.47	13905.36			TWA 800				10.74
105	Isobutylene	#####	-6.9												
106	Isobutyronitrile	78-82-0	103.9	1.78	3.62	5.72	25.76	6874.49			TWA 8 ppm				?
107	Isoflurane	26675-46-7	48.5	0.59	1.21	1.89	8.50	2550.00							
108	Isopropyl Acetate	108-21-4	90.0	1.64	3.39	5.28	23.74	6334.15	TWA 250	TWA 250			1800		9.95
109	Isopropyl Alcohol	67-63-0	82.5	3.79	7.84	12.20	54.90	11539.01	TWA 400	TWA 400	TWA 400	TWA 200	2000	500 (Cal/OSHA, NIOSH), 5 (ACGIH)	10.10
110	Isopropylamine	75-31-0	32.8	1.13	2.34	3.64	16.36	2500.00	TWA 5 ppm	TWA 5		TWA 5	750		8.72
111	Isopropyl Chloroformate	108-23-6	104.6	0.59	1.21	1.89	8.50	2550.00							
112	Isopropyl Ether	108-20-3	67.8	1.43	2.96	4.60	20.70	2500.00	TWA 500	TWA 250	TWA 500	TWA 250	1400	310 (ACGIH)	9.2
113	Isopropyl Isocyanate*	1795-48-8	74.0	1.62	3.36	5.22	23.49	6864.64							
114	Malathion	121-75-5	60.0	1.36	2.81	4.37	19.68	5249.42	TWA 10 mg/m	TWA 0.74	TWA 0.74		19		?
115	Mercaptobutane - 1-Butanethiol	109-79-5	98.0	1.68	3.48	5.42	24.39	7022.98	TWA 10	TWA 0.5		TWA 0.5	500		9.15
116	Methacrylonitrile	126-98-7	90.3	2.17	4.50	7.01	31.53	8218.05			TWA 1				?
117	Methyl Acetate	79-20-9	57.2	1.33	2.76	4.30	19.33	5153.72	TWA 200	TWA 200	TWA 200	TWA 200	3100	250 (Cal/OSHA, NIOSH, ACGIH)	10.27
118	Methyl Acetylene	74-99-7	-23.3	3.02	3.02	3.02	10.53	2804.42	TWA 1000	TWA 1000	TWA 1000	TWA 1000	1700		10.36
119	Methyl Acrylate	96-33-3	80.0	1.41	2.91	4.53	20.38	6293.10	TWA 10	TWA 10	TWA 10	TWA 2	250		9.90
120	Methylal	109-87-5	43.9	1.22	2.52	3.93	17.67	4715.57	TWA 1000	TWA 1000	TWA 1000	TWA 1000	2200		10.00
121	Methyl Alcohol (Methanol)	67-56-1	64.7	8.25	17.09	26.58	119.62	18582.66	TWA 200	TWA 200	TWA 200	TWA 200	6000	250 (All)	10.84
122	Methyl Chloroformate	79-22-1	70.5	0.59	1.21	1.89	8.50	2550.00							
123	Methylcyclohexane	108-87-2	101.1	1.75	3.62	5.63	25.35	6763.73	TWA 500	TWA 400	TWA 400	TWA 400	1200		9.85
124	Methyl dichlorosilane	75-54-7	41.0	0.59	1.21	1.89	8.50	2550.00							
125	Methyl Formate	107-31-3	31.7	1.12	2.32	3.61	16.23	2500.00	TWA 100	TWA 100	TWA 100	TWA 50	4500	50 (Cal/OSHA, NIOSH), 100 (ACGIH)	10.82
126	Methyl hydrazine	60-34-4	87.0	5.30	10.98	17.08	76.86	14176.12		TWA 0.01		TWA 0.01	Ca [20]		8.00
127	Methyl Isocyanate*	624-83-9	39.5	2.08	4.31	6.70	30.15	7995.85	TWA 0.02	TWA 0.02	TWA 0.02	TWA 0.02	3	0.06 (All)	10.67
128	Methyl Isocyanide	593-75-9	60.0	1.27	2.63	4.09	18.42	4912.31							
129	Methyl isopropyl ketone	563-80-4	92.8	1.66	3.45	5.36	24.14	2500.00	TWA 200		TWA 200				9.32
130	Methyl Methacrylate	82-62-6	101	1.26	2.67	4.06	18.70	5887.95	TWA 100				1000		9.7
131	Methyl Mercaptan	74-93-1	6.0	3.65	5.57	8.67	39.00	9360.09		TWA 0.5		TWA 0.5	150		9.44
132	Methyl t- Butyl Ether	1634-04-4	55.2	2.30	4.77	7.42	33.40	8512.81		TWA 40		TWA 50			
133	Methylamine	74-89-5	-6.0	23.15	23.15	35.82	161.17	22301.64	TWA 10	TWA 5	TWA 10	TWA 5	100	15 (Cal/OSHA, ACGIH)	8.97
134	Monochlorodifluoromethane	75-45-6	-40.7	8.50		8.50	8.50	2550							
135	n-Butane	106-97-8	-1.0	8.91	10.64	16.55	74.47	13905.36			TWA 800				10.63
136	n-Butylamine	109-73-9	77.8	1.52	3.15	4.91	22.08	2500.00					300 ppm	C 5 ppm	8.71
137	n-Heptane	142-82-5	98.4	2.27	4.70	7.31	32.89	8433.23	TWA 500	TWA 400	TWA 85	TWA 400	750	500 (Cal/OSHA, ACGIH), 440 (NIOSH)	9.90
138	n-Hexane	110-54-3	68.0	2.83	5.87	9.13	41.10	9665.59	TWA 500	TWA 50	TWA 50	TWA 50	1100	10 (Cal/OSHA, ACGIH)	10.18
139	n-Propyl Acetate	109-60-4	101.7	1.75	3.63	5.65	25.44	6787.39	TWA 200	TWA 200	TWA 200		1700 ppm	250 (Cal/OSHA, NIOSH)	10.04
140	Nickel Carbonyl	13463-39-3	43.3	1.21	2.52	3.91	17.61	4692.95	TWA 0.001	TWA 0.001	TWA 0.001		2 ppm		8.28
141	Nitric acid*	7697-37-2	83.0	0.99	2.06	3.20	14.41	5091.17	TWA 2	TWA 2	TWA 2	TWA 2	25	4 (All)	11.95
142	Nitrogen Dioxide	10102-44-0	21.0	1.17	2.42	3.77	16.97	5626.26					20	1 (Cal/OSHA, NIOSH)	9.75
143	Nitromethane	75-52-5	100.0	1.73	3.57	5.56	25.02	7134.26	TWA 100	TWA 2		TWA 20	750		11.08
144	n-Pentane	109-66-0	36.1	3.70	7.66	11.92	53.62	11373.12	TWA 1000	TWA 1000	TWA 120	TWA 1000	1500		10.34
145	n-Propanol	71-23-8	97.0	3.79	7.84	12.20	54.90	11539.01	TWA 200	TWA 200	TWA 200	TWA 100	800	250 (Cal/OSHA, NIOSH)	10.15
146	Pentaborane	19624-22-7	60.0	1.36	2.81	4.37	19.68	5249.42	TWA 0.005	TWA 0.005	TWA 0.005	TWA 0.005	1 ppm	0.015 (Cal/OSHA, NIOSH, ACGIH)	9.90
147	Pentanal	110-62-3	102.8	2.11	4.37	6.80	30.60	8015.5			TWA 50				9.82
148	Phosgene*	75-44-5	8.3	0.74	1.21	1.89	8.50	2550.00	TWA 0.1	TWA 0.1	TWA 0.1	TWA 0.1	2		11.55
149	Phosmet	732-11-6	>100	0.14		0.46	2.07	1551.59							
150	Phosphorus Trichloride	7719-12-2	76.1	0.59	1.21	1.89	8.50	2550.00	TWA 0.5	TWA 0.2	TWA 0.2	TWA 0.2	25	0.5 (All)	9.91
151	Propanal	123-38-6	48.8	3.24	6.70	10.43	46.92	10481.60	TWA 20						
152	Propane	74-98-6	-42.0	115.26	115.26	115.26	169.80	18075.38	TWA 1000	TWA 1000	TWA 1000	TWA 1000	2100		11.07
153	Propionitrile	107-12-0	97.0	3.24	6.71	10.44	46.97	10487.87			TWA 6				11.84

	Chemical	CAS Registry Numbers	BP (C)	30Min Low (ppm)	15Min Low (ppm)	10Min Low (ppm)	3Min Low (ppm)	3Min High (ppm)	OSHA PEL (ppm)	Cal/OSHA PEL (ppm)	NIOSH REL (ppm)	ACGIH TLV (ppm)	IDLH (ppm)	STEL (ppm)	Ionization Potential (eV)
154	Propylene Imine	75-55-8	66.7	1.42	2.94	4.57	20.55	2500.00	TWA 2 ppm	TWA 2		TWA 0.2	100	0.4 (ACGIH)	9.00
155	Propylene Oxide	75-56-9	34.0	3.24	6.70	10.43	46.92	10481.60	TWA 100	TWA 2		TWA 2	Ca [400]		9.81
156	Selenium Hexafluoride	7783-79-1	-34.5	4.27	4.27	4.27	9.04	2550.00	TWA 0.05	TWA 0.05	TWA 0.05	TWA 0.05	2		
157	Silicon Tetrachloride	10026-04-7	57.7	0.59	1.21	1.89	8.50	2550.00							
158	Stibine	7803-52-3	-18.3	2.59	2.59	2.59	11.12	2961.15	TWA 0.1	TWA 0.1	TWA 0.1	TWA 0.1	5 ppm		9.51
159	Sulfur Dioxide*	7446-09-5	-10.0	1.14	1.14	1.51	6.81	3217.96	TWA 5	TWA 2	TWA 2		100	5 (Cal/OSHA,NIOSH), 0.25 (ACGIH)	12.30
160	Sulfur Pentafluoride	5714-22-7	28.9	1.10	2.27	3.54	15.91	4240.24	TWA 0.025				1	C 0.01 ppm NIOSH	?
161	Sulfur Tetrafluoride	7783-60-0	-40.6	5.69	5.69	5.69	9.01	2398.76						C 0.1 ppm	12.63
162	Sulfur Trioxide	7446-11-9	44.9	0.59	1.21	1.89	8.50	2550.00							
163	Sulfuryl Chloride*	7791-25-5	69.4	0.59	1.21	1.89	8.50	2550.00							
164	Sulfuryl Fluoride	2699-79-8	-55.3	26.11	26.11	26.11	19.03	2550.00	TWA 5	TWA 5	TWA 5	TWA 5	200	10 (All)	13.04
165	t-Butanol	75-65-0	83.0	2.89	5.98	9.31	41.89	9778.95	TWA 100	TWA 100	TWA 100	TWA 100	1600	150 (Cal/OSHA,NIOSH)	9.70
166	Tellurium Hexafluoride	7783-80-4	35.5	0.59	1.21	1.89	8.50	2550.00	TWA 0.02	TWA 0.02	TWA 0.02	TWA 0.02	1		
167	Tert-Butyl Acetate	540-88-5	97.8	1.72	3.55	5.53	24.87	6634.43	TWA 200	TWA 200	TWA 200		1500 ppm		?
168	Tert-Butyl Isocyanate	1609-86-5	91.0	1.42	2.93	4.56	20.54	6322.92							
169	Tert-butyl Mercaptan	75-66-1	62.0	1.68	3.48	5.42	24.39	7022.98	Vacated) TWA .5						
170	Tetraethyl Lead	78-00-2	80.0	0.12	0.26	0.40	1.79	1420.21	TWA 0.0057		TWA 0.0057	TWA 0.00756	3		11.10
171	Tetrahydrofuran	109-99-9	66.0	2.56	5.30	8.24	37.10	9078.48	TWA 200	TWA 200	TWA 200	TWA 50	2000	250 (Cal/OSHA, NIOSH), 100 (ACGIH)	9.45
172	Thionyl Chloride	9/7/7719	76.1	1.50	3.12	4.85	21.81	5817.99						C 1 ppm	?
173	trans 1,2 Dichloroethylene	156-60-5	60.0	0.59	1.21	1.89	8.50	2550.00				TWA 200			
174	Trichloroethylene	79-01-6	87.2	0.44	0.91	1.42	6.38	2550.00	TWA 100	TWA 25		TWA 10	Ca [1000]	100 (Cal/OSHA), 25 (ACGIH)	9.45
175	Trichlorofluoromethane	75-69-4	23.8	0.59	1.21	1.89	8.50	2550.00	TWA 1000				2000		11.77
176	Triethylamine	121-44-8	89.0	2.08	4.30	6.69	30.10	7989.27	TWA 25			TWA 0.5	200	1 (ACGIH)	7.50
177	Trifluoroacetyl Chloride*	354-32-5	-27.0	2.89	2.86	2.86	8.50	2550.00							
178	Trimethylamine	75-50-3	2.8	1.29	1.77	2.75	12.38	2500.00	TWA 10 ppm		TWA 10			15 (NIOSH)	7.82
179	Tungsten Hexafluoride	7783-82-6	17.1	0.59	1.21	1.89	8.50	2550.00	TWA 0.21		TWA 0.41			0.82 (NIOSH)	
180	Vinyl Acetate	108-05-4	71.0	1.41	2.91	4.53	20.38	6293.10						C 4 ppm	9.19
181	Vinyl Bromide	593-60-2	15.8	0.59	1.21	1.89	8.50	2550.00							9.80
182	Vinyl Chloride	75-01-4	-13.4	1.62	1.62	1.89	8.50	2550.00		TWA 1		TWA 1		C 5 ppm	9.99
183	Vinyl Fluoride	75-02-5	72.2	0.59	1.21	1.89	8.50	2550.00			TWA 1			C 5 ppm	10.37