Table 2

Items	Name	Chemical formula	Permissible Exposure Limits	
			ppm	mg/m^3
1.	Acetaldehyde	CH_3CHO	100	180
2.	Acetic acid	CH_3COOH	10	25
3.	Acetic anhydride	$(CH_3CO)_2O$	5	21
4.	Acetone	$(CH_3)_2CO$	750	1,780
5.	Acetonitrile	CH_3CN	40	67
6.	Acetylene tetrabromide (1,1,2,2-Tetrabromoethane)	$CHBr_2CHBr_2$	1	14
7.	Acrolein	$CH_2=CHCHO$	0.1	0.23
8.	Acrylamide	$CH_2=CHCONH_2$		0.03
9.	Acrylic acid	$CH_2=CHCOOH$	10	30
10.	Allyl alcohol	$CH_2=CHCH_2OH$	2	4.8
11.	Allyl chloride	$CH_2=CHCH_2Cl$	1	3
12.	Allyl glycidyl ether (AGE)	$H_2C=CHCH_2OCH_2CHCH_2O$	5	23
13.	2-Aminopyridine	$C_5H_4NNH_2$	0.5	1.9
14.	Ammonia	NH_3	50	35
15.	Ammonium chloride (fume)	NH_4Cl		10
16.	n-Amyl acetate	$CH_3COOC_5H_{11}$	100	532
17.	sec-Amyl acetate	$CH_3COOCH(CH_3)(CH_2)_2CH_3$	125	665
18.	Aniline	$C_6H_5NH_2$	2	7.6
19.	Anisidine(o-,p-isomers)	$CH_3OC_6H_4NH_2$	0.1	0.5
20.	Antimony & its compounds (as Sb)	Sb		0.5
21.	ANTU (α-Naphthylt-hiourea)	$C_{10}H_7NHCSNH_2$		0.3
22.	Arsenic organic compounds (as As)	As		0.5
23.	Arsine	AsH_3	0.05	0.16
24.	Azinphos-Methyl	$C_{10}H_{12}N_3O_3PS_2$		0.2
25.	Barium & its soluble compounds (as Ba)	Ba		0.5
26.	Benzoyl peroxide	$(C_6H_4CO)_2O_2$		5
27.	Benzyl chloride	$C_6H_5CH_2Cl$	1	5.2
28.	Biphenyl	$C_6H_5C_6H_5$	0.2	1.3
29.	Boron tribromide	BBr_3	1	10
30.	Boron trifluoride	BF_3	1	2.8
31.	Bromine	Br_2	0.1	0.66
32.	Bromine pentafluoride	BrF_5	0.1	0.72
33.	Bromoform	$CHBr_3$	0.5	5.2
34.	Butane	$CH_3CH_2CH_2CH_3$	800	1,900
35.	1-Butanethiol	C_4H_9SH	0.5	1.8
36.	1-Butanol	$CH_3(CH_2)_3OH$	100	303
37.	2-Butanol	$CH_3CHOHCH_2CH_3$	150	454
38.	n-Butyl acetate	$CH_3COOC_4H_9$	150	712
39.	Sec-Butyl acetate	$CH_3COOCH(CH_3)(C_2H_5)$	200	950
40.	tert-Butyl acetate	$CH_3COOC(CH_3)_3$	200	950
41.	tert-Butyl alcohol	$(CH_3)_3COH$	100	303
42.	Butylamine	$C_4H_9NH_2$	5	15
43.	n-Butyl glycidyl ether	$CH_3(CH_2)_3OCH_2CHCH_2O$	25	133
44.	n-Butyl lactate	$CH_3CHOHCOOC_4H_9$	5	30
45.	o-sec-Butylphenol	$CH_3CH_2CH(CH_3)C_6H_4OH$	5	31
46.	p-tert-butyltoluene	$(CH_3)_3CC_6H_4CH_3$	10	61
47.	Calcium arsenate	$Ca_3(AsO_4)_2$		1
48.	Calcium cyanamide	CaNCN		0.5
49.	Calcium hydroxide	$Ca(OH)_2$		5
50.	Calcium oxide	CaO		5
51.	Camphor (Synthetic)	$C_{10}H_{16}O$	2	12
52.	Caprolactam, Dust	$CH_2(CH_2)_4NHCO$		1
53.	Caprolactam, Vapor	$CH_2(CH_2)_4NHCO$	5	23
54.	Carbaryl	$C_{10}H_7OOCNHCH_3$		5
55.	Carbofuran	$C_{12}H_{15}NO_3$		0.1
56.	Carbon black	C		3.5
57.	Carbon dioxide	CO_2	5,000	9,000
58.	Carbon disulfide	CS_2	10	31
59.	Carbon monoxide	CO	35	40
60.	Cesium hydroxide	CsOH		2
61.	Chlordane	$C_{10}H_6Cl_8$		0.5

62.	Chlorinated diphenyl Oxide	$C_{12}H_4Cl_6O$		0.5
63.	Chlorine	Cl_2	0.5	1.5
64.	Chlorine dioxide	ClO_2	0.1	0.28
65.	Chlorine trifluoride	ClF_3	0.1	0.38
66.	Chloroacetaldehyde	$ClCH_2CHO$	1	3.2
67.	α-Chloroacetophenone (ω-Chloroacetophenone)	$C_6H_5COCH_2Cl$	0.05	0.32
68.	Chloroacetyl chloride	$CH_2ClCOCl$	0.05	0.23
69.	Chlorobenzene	C_6H_5Cl	75	345
70.	Chlorobromomethane	$BrCH_2Cl$	200	1,060
71.	2-Chloro-1,3-Butadiene	$H_2C=CCLCH=CH_2$	10	36
72.	Chlorodifluoromethane	$CHClF_2$	1,000	3,540
73.	Chloroethane	CH_3CH_2Cl	1,000	2,640
74.	2-Chloroethanol	$ClCH_2CH_2OH$	1	3.3
75.	Bis-Chloromethyl ether	$ClCH_2OCH_2Cl$	0.001	0.0047
76.	1-Chloro-1-Nitropropane	$C_3H_6ClNO_2$	2	10
77.	Chloropentafluoroethane	$CClF_2CF_3$	1,000	6,320
78.	Chloropicrin (Tri chloronitromethane)	CCl_3NO_2	0.1	0.67
79.	o-Chlorostyrene	$CLC_6H_5CH=CH_2$	50	283
80.	o-Chlorotoluene	$ClC_6H_4CH_3$	50	259
81.	Chromium metal (as Cr)	Cr		1
82.	Chromium (II) compounds	Cr		0.5
83.	Chromium (III) compounds	Cr		0.5
84.	Coal tar pitch volatiles			0.2
85.	Cobalt, metal fume & dust (as Co)	$Co/CoO/Co_2O_2/Co_2O_4$		0.05
86.	Coke-oven emissions			0.15
87.	Copper, fume	$Cu/Cu_2O/CuO$		0.2
88.	Copper, dusts & mists (as Cu)	$CuSO_4 \cdot 5H_2O/CuCl$		1
89.	Cotton dust			0.2
90.	Crotonaldehyde	$CH_3CH=CHCHO$	2	5.7
91.	Cumene	$C_6H_5CH(CH_3)_2$	50	246
92.	Cresol (all isomers)	$CH_3C_6H_4OH$	5	22
93.	Cyanamide (Hydrogen cyanamide)	H_2NCN		2
94.	Cyanides (as CN-)	CN^-		5
95.	Cyclohexylamine	$C_6H_{11}NH_2$	10	41
96.	Cyclohexane	C_6H_{12}	300	1,030
97.	Cyclohexanol	$C_6H_{11}OH$	50	206
98.	Cyclohexanone	$C_5H_{10}CO$	25	100
99.	1,3-Cyclopentadiene	C_5H_6	75	203
100.	Cyclopentane	C_5H_{10}	600	1,720
101.	2,4-D (2,4-Dichlorophenoxyacetic acid)	$Cl_2C_6H_3OCH_2COOH$		10
102.	Decaborane	$B_{10}H_{14}$	0.05	0.25
103.	Demeton	$C_8H_{19}O_3PS_2$	0.01	0.11
104.	Diacetone alcohol	$(CH_3)_2C(OH)CH_2COCH_3$	50	238
105.	Diazinon	$[(CH_3)_2CHC_4N_2H(CH_3)O]PS(OC_2H_5)_2$		0.01
106.	Diazomethane	CH_2N_2	0.2	0.34
107.	Diborane	B_2H_6	0.1	0.11
108.	Dibutyl Phosphate	$(C_4H_9O)_2POOH$	1	8.6
109.	Dibutyl phthalate	$C_6H_4(COOC_4H_9)_2$		5
110.	Dichloroacetylene	C_2Cl_2	0.1	0.39
111.	o-Dichlorobenzene	$C_6H_4Cl_2$	50	301
112.	p-dichlorobenzene	$C_6H_4Cl_2$	75	450
113.	Dichlorodifluoromethane	CCl_2F_2	1,000	4,950
114.	1,3-Dichloro-5,5-Dimethylhydantoin	$C_5H_6Cl_2N_2O_2$		0.2
115.	1,1-Dichloroethane	CH_3CHCl_2	100	405
116.	1,2-Dichloroethylene	$ClCH=CHCl$	200	793
117.	Dichloroethyl ether	$(ClCH_2CH_2)_2O$	5	29
118.	Dichloromonofluoromethane	$CHCl_2F$	10	42
119.	1,1-Dichloro-1-Nitroethane	$H_3CC(Cl)_2NO_2$	2	12
120.	1,2-Dichloropropane	$CH_3CHClCH_2Cl$	75	347
121.	1,3-Dichloropropene	$CHCl=CHCH_2Cl$	1	4.5
122.	2,2-Dichloropropionic Acid	CH_3CCl_2COOH	1	5.8
123.	p -Tetrafluorodichloroethane	$CClF_2CC_1F_2$	1,000	6,990
124.	Dicrotophos	$(CH_3O)_2P(O)OC(CH_3)=CHC(O)N(CH_3)_2$		0.25
125.	Dicyclopentadiene	$C_{10}H_{12}$	5	27
126.	Diethanolamine	$(HOCH_2CH_2)_2NH$	3	13

127.	Diethylamine	$(C_2H_5)_2NH$	10	30
128.	2-Diethylaminoethanol	$(C_2H_5)_2NCH_2CH_2OH$	10	48
129.	Diethylenetriamine	$NH_2C_2H_4NHC_2H_4NH_2$	1	4.2
130.	Diethyl Ketone	$C_2H_5COC_2H_5$	200	705
131.	Diethyl Phthalate	$C_6H_4(CO_2C_2H_5)_2$		5
132.	Difluoro dibromomethane	CF_2Br_2	100	858
133.	Diglycidyl ether	$OCH_2CHCH_2OCH_2CHCH_2O$	0.1	0.53
134.	Diisobutyl ketone	$(C_4H_9)_2CO$	25	145
135.	Diisopropylamine	$[(CH_3)_2CH]_2NH$	5	21
136.	Dimethylacetamide	$CH_3CON(CH_3)_2$	10	36
137.	Dimethylamine	$(CH_3)_2NH$	10	18
138.	N,N-dimethylaniline	$C_6H_5N(CH_3)_2$	5	25
139.	Dichlorovinyl dimethyl phosphate	$(CH_3)_2PO_4CH=CCl_2$	0.1	1
140.	N,N-dimethylaniline	$HCON(CH_3)_2$	10	30
141.	Dimethylphthalate	$C_6H_4(COOCH_3)_2$		5
142.	Dimethyl Sulfate	$(CH_3)_2SO_4$	0.1	0.52
143.	Nitrobenzene (all isomers)	$C_6H_4(NO_2)_2$	0.15	1
144.	Dinitro-O-Cresol	$CH_3C_6H_2(NO_2)_2OH$		0.2
145.	Dinitrotoluene	$C_6H_3CH_3(NO_2)_2$		1.5
146.	o-Dioctyl Phthalate	$C_6H_4(COOC_8H_{17})_2$		5
147.	1,4-Dioxane	$(C_2H_4)_2O_2$	25	90
148.	Dioxathion	$C_4H_6O_2[SPS(OC_2H_5)_2]_2$		0.2
149.	Diphenylamine	$(C_6H_5)_2NH$		10
150.	Dipropylene glycol methyl ether	$CH_3OC_3H_6OC_3H_6OH$	100	606
151.	Dipropyl ketone	$(CH_3CH_2CH_2)_2CO$	50	233
152.	Disulfoton	$(C_2H_5O)_2P(S)SCH_2CH_2SCH_2CH_3$		0.1
153.	Divinylbenzene	$C_6H_4(CHCH_2)_2$	10	53
154.	Endosulfan	$C_9H_6Cl_6O_3S$		0.1
155.	EPN (Ethyl para nitrophenyl thionobenzene phosphonate)	$C_6H_5P(C_2H_5O)(S)OC_6H_4NO_2$		0.5
156.	Epichlorohydrin	OCH_2CHCH_2Cl	2	7.6
157.	1,2-Epoxypropane	OCH_2CHCH_3	20	48
158.	2,3-Epoxyl-1-propanol (Glycidol)	$CH_2OHCHCH_2O$	25	76
159.	Ethanolamine	$NH_2CH_2CH_2OH$	3	7.5
160.	Ethion	$[(C_2H_5O)_2P(S)S]_2CH_2$		0.4
161.	Ethylamine	$C_2H_5NH_2$	10	18
162.	Ethyl acetate	$CH_3COOC_2H_5$	400	1,440
163.	Ethyl acrylate	$CH_2=CHCOOC_2H_5$	25	102
164.	Ethyl alcohol	C_2H_5OH	1,000	1,880
165.	Ethyl amyl ketone	$CH_3CH_2CH(CH_3)CH_2COCH_2CH_3$	25	131
166.	Ethyl bromide	C_2H_5Br	200	892
167.	Ethyl butyl ketone	$CH_3(CH_2)_3COCH_2CH_3$	50	234
168.	Ethyl ether	$(C_2H_5)_2O$	400	1,210
169.	Ethylenediamine	$NH_2CH_2CH_2NH_2$	10	25
170.	Ethylene dibromide	$C_2H_4Br_2$	20	154
171.	Ethylene glycol (mist)	CH_2OHCH_2OH		10
172.	Ethylene glycol (vapor)	CH_2OHCH_2OH	50	127
173.	Ethylenimine	H_2CNHCH_2	0.5	0.88
174.	Ethylene glycol monobutyl ether	$CH_2OHCH_2OC_4H_9$	25	121
175.	Ethylene glycol monoethyl ether	$CH_2OHCH_2OC_2H_5$	5	18
176.	Ethylene glycol monoethyl ether acetate	$C_2H_5OCH_2CH_2COOCH_3$	5	27
177.	Ethylene glycol monomethyl ether	$CH_2OHCH_2OCH_3$	5	16
178.	Ethylene glycol monomethyl ether acetate	$CH_3COOCH_2CH_2OCH_3$	5	24
179.	Ethylene oxide	C_2H_4O	1	1.8
180.	Ethyl formate	$HCOOC_2H_5$	100	303
181.	Ethyl mercaptan	C_2H_5SH	10	25
182.	N-Ethylmorpholine	$CH_2CH_2OCH_2CH_2NCH_2CH_3$	5	24
183.	Fenchlorphos (Ronnel)	$(CH_3O)_2P(S)OC_6H_2Cl_3$		10
184.	Ferrovanadium			1
185.	Fluorides (as F)	F		2.5
186.	Fluorine	F_2	1	1.6
187.	Fluorotrichloromethane	CCl_3F	1,000	5,620
188.	Formamide	$HCONH_2$	20	37
189.	Formic acid	HCOOH	5	9.4
190.	Furfural	C_4H_3OCHO	2	7.9
191.	Furfuryl alcohol	$C_4H_3OCH_2OH$	10	40

192.	Gasoline		300	890
193.	Germanium tetrahydride	GeH_4	0.2	0.63
194.	Glutaraldehyde	$OHC(CH_2)_3CHO$	0.2	0.82
195.	Grain dust			10
196.	Hafnium	Hf		0.5
197.	Heptachlor	$C_{10}H_7Cl_7$		0.5
198.	n-Heptane	$CH_3(CH_2)_5CH_3$	400	1,640
199.	Hexachlorobutadiene	$Cl_2CCClCClCCl_2$	0.02	0.21
200.	Hexachlorocyclopentadiene	C_5Cl_6	0.01	0.11
201.	Hexachloroethane	Cl_3CCCl_3	1	9.7
202.	Hexachloronaphthalene	$C_{10}H_2Cl_6$		0.2
203.	Hexafluoroacetone	CF_3COCF_3	0.1	0.68
204.	Hexamethylene diisocyanate (HDI)	$OCN(CH_2)_6NCO$	0.005	0.034
205.	n-Hexane	$CH_3(CH_2)_4CH_3$	50	176
206.	Hexane isomers	C_6H_{14}	500	1,760
207.	sec-Hexyl acetate	$CH_3COOC_6H_{13}$	50	295
208.	Hexylene glycol	$(CH_3)_2COHCH_2CHOHCH_3$	25	121
209.	Hydrogen bromide	HBr	3	9.9
210.	Hydrogen chloride	HCl	5	7.5
211.	Hydrazine	NH_2NH_2	0.1	0.13
212.	Hydrogen cyanide	HCN	10	11
213.	Hydrogen fluoride	HF	3	2.6
214.	Hydrogen peroxide	H_2O_2	1	1.4
215.	Hydrogen selenide	H_2Se	0.05	0.16
216.	Hydrogen sulfide	H_2S	10	14
217.	Hydroquinone	$C_6H_4(OH)_2$		2
218.	Indium and compounds (as In)	In		0.1
219.	Iodine	I_2	0.1	1
220.	Iron pentacarbonyl (as Fe)	$Fe(CO)_5$	0.1	0.23
221.	Iron oxide (fume)	FeO, Fe_3O_4		10
222.	Isoamyl acetate	$CH_3COO(CH_2)_2CH(CH_3)_2$	100	532
223.	Isoamyl alcohol	$(CH_3)_2CHCH_2CH_2OH$	100	361
224.	Isobutyl acetate	$CH_3COOCH_2CH_2$ $(CH_3)_2$	150	713
225.	Isobutyl alcohol	$(CH_3)_2CHCH_2OH$	50	152
226.	Isooctyl alcohol	$C_7H_{15}CH_2OH$	50	266
227.	Isophorone	$C_9H_{14}O$	5	28
228.	Isophorone diisocyanate (IPDI)	$C_{10}H_{18}(NCO)_2$	0.005	0.045
229.	2-Isopropoxyethanol	$(CH_3)_2CHOCH_2CH_2OH$	25	106
230.	Isopropyl acetate	$CH_3COOCH(CH_3)_2$	250	1,040
231.	Isopropylamine	$(CH_3)_2CHNH_2$	5	12
232.	Isopropyl alcohol	$(CH_3)_2CHOH$	400	983
233.	N-Isopropylaniline	$C_6H_5NHCH(CH_3)_2$	2	11
234.	Isopropyl ether	$(CH_3)_2CHOCH(CH_3)_2$	250	1,040
235.	Isopropyl glycidyl ether (IGE)	$CH(CH_3)_2OCH_2CHCH_2O$	50	238
236.	Ketene	$H_2C=CO$	0.5	0.86
237.	Lead arsenate	$Pb_3(AsO_4)_2$		0.15
238.	Lead chromate (as Cr)	$PbCrO_4$		0.05
239.	Linen			0.2
240.	L.P.G. (Liquified petroleum gas)	$C_nH_{2n+2}(N=2\sim4)$	1,000	1,800
241.	Lithium hydride	LiH		0.025
242.	Magnesium oxide (fume)	MgO		10
243.	Malathion	$C_{10}H_{19}O_6PS_2$		10
244.	Maleic anhydride	$(CHCO)_2O$	0.25	1
245.	Manganese, fume (as Mn)	Mn		1
246.	Manganese & inorganic compounds (as Mn)	Mn		5
247.	Manganese cyclopentadienyl tricarbonyl (as Mn)	$C_5H_4Mn(CO)_3$		0.1
248.	Mesityl oxide	$(CH_3)_2C=CHCOCH_3$	15	60
249.	Methacrylic acid	$CH_2=C(CH_3)COOH$	20	70
250.	4-Methoxyphenol	$CH_3OC_6H_4OH$		5
251.	Methyl acetate	CH_3COOCH_3	200	606
252.	Methyl acetylene	$CH_3C\equiv CH$	1,000	1,640
253.	Methyl acrylate	$CH_2=CHCOOCH_3$	10	35
254.	Methylacrylonitrile	$CH_2=C(CH_3)CN$	1	2.7
255.	Methylal	$CH_3OCH_2OCH_3$	1,000	3,110
256.	Methyl alcohol	CH_3OH	200	262

257.	Methylamine	CH_3NH_2	10	13
258.	Methyl n-amyl ketone	$CH_3(CH_2)_4COCH_3$	50	233
259.	N-methylaniline	$C_6H_5NHCH_3$	0.5	2.2
260.	Methyl bromide	CH_3Br	5	19
261.	Methyl n-butyl ketone	$CH_3COC_4H_9$	5	20
262.	Methyl chloride	CH_3Cl	50	103
263.	Methyl 2-cyanoacrylate	$CH_2=C(CN)COOCH_3$	2	9.1
264.	Methylcyclohexane	$CH_3C_6H_{11}$	400	1,610
265.	Methylcyclohexanol	$CH_3C_6H_{10}OH$	50	234
266.	Methylcyclohexanone	$CH_3C_5H_9CO$	50	229
267.	Methylcyclopentadienyl manganese tricarbonyl (as Mn)	$CH_3C_5H_4Mn(CO)_3$		0.2
268.	4,4'-Methylene bis (2-chloro aniline)	$C_{13}H_{12}Cl_2N_2$	0.02	0.218
269.	Methylene bisphenyl isocyanate (MDI)	$OCNC_6H_4CH_2C_6H_4NCO$	0.02	0.2
270.	Methyl ethyl ketone	$CH_3COC_2H_5$	200	590
271.	Methyl ethyl ketone peroxide (MEKPO)	$C_8H_{16}O_4$	0.2	1.5
272.	Methyl formate	$HCOOCH_3$	100	246
273.	Methyl hydrazine	CH_3NHNH_2	0.2	0.38
274.	Methyl iodide	CH_3I	2	12
275.	Methyl isoamyl ketone	$CH_3COC_2H_4CH(CH_3)_2$	50	234
276.	Methylisobutyl carbinol	$(CH_3)_2CHCH_2CH(CH_3)OH$	25	104
277.	Methyl isobutyl ketone	$CH_3COCH(CH_3)_2$	50	205
278.	Methylisocyanate	CH_3NCO	0.02	0.05
279.	Methyl isopropyl ketone	$CH_3COCH(CH_3)_2$	200	705
280.	Methyl mercaptan	H_3CSH	10	20
281.	Methyl methacrylate	$C_3H_5COOCH_3$	100	410
282.	Methyl parathion	$(CH_3O)_2P(S)OC_6H_4NO_2$		0.2
283.	Methyl propyl ketone	$CH_3(CH_2)_2COCH_3$	200	705
284.	Methyl tert-butyl ether	$(CH_3)_3COCH_3$	40	144
285.	α-Methylstyrene	$C_6H_5C(CH_3)=CH_2$	50	242
286.	Mica			3
287.	Molybdenum (as Mo) Soluble compounds	Mo		5
288.	Morpholine	C_4H_8ONH	20	71
289.	Naphtha (Coal tar)	C_7H_8~C_8H_{10}	100	400
290.	Naphthalene	$C_{10}H_8$	10	52
291.	Nickel, soluble compounds (as Ni)	Ni		0.1
292.	Nickel carbonyl	$Ni(CO)_4$	0.001	0.007
293.	Nicotine	$C_5H_4NC_4H_7NCH_3$		0.5
294.	Nitric acid	HNO_3	2	5.2
295.	Nitric oxide	NO	25	31
296.	p-Nitroaniline	$NO_2C_6H_4NH_2$		3
297.	Nitrobenzene	$C_6H_5NO_2$	1	5
298.	p-Nitrochlorobenzene	$C_6H_4Cl(NO_2)$		1
299.	Nitroethane	$CH_3CH_2NO_2$	100	307
300.	Nitrogen dioxide	NO_2 and N_2O_4	5	9
301.	Nitrogen trifluoride	NF_3	10	29
302.	Nitroglycerin	$C_3H_5(ONO_2)_3$	0.2	2
303.	Nitroglycol	$(CH_2ONO_2)_2$	0.02	0.12
304.	Nitromethane	CH_3NO_2	100	250
305.	1-Nitropropane	$CH_3CH_2CH_2NO_2$	25	91
306.	2-Nitropropane	$CH_3CHNO_2CH_3$	10	36
307.	Nitrotoluene	$NO_2C_6H_4CH_3$	2	11
308.	Nitrous oxide	N_2O	50	90
309.	Nonane	C_9H_{20}	200	1,050
310.	Octachloronaphthalene	$C_{10}Cl_8$		0.1
311.	Octane	C_8H_{18}	300	1,400
312.	Oil mist (Mineral)			5
313.	Osmium tetroxide (as Os)	OsO_4	0.0002	0.0016
314.	Oxalic acid	$(COOH)_2 \cdot 2H_2O$		1
315.	Oxygen difluoride	OF_2	0.05	0.11
316.	Ozone	O_3	0.1	0.2
317.	Paraffin wax, fume			2
318.	Paraquat	$C_{12}H_{14}N_2Cl_2$ or $C_{12}H_{14}N_2(CH_3SO_4)_2$		0.1
319.	Parathion	$(C_2H_5O)_2PSOC_6H_4NO_2$		0.1
320.	Pentaborane	B_5H_9	0.005	0.013
321.	Pentachloronaphthalene	$C_{10}H_3Cl_5$		0.5

322.	Pentachlorophenol & its sodium salts	C_6Cl_5OH		0.5
323.	Pentane	$CH_3(CH_2)_3CH_3$	600	1,770
324.	Perchloro methyl mercaptan	$ClSCCl_3$	0.1	0.76
325.	Perchloryl fluoride	$ClFO_3$	3	13
326.	Phenol	C_6H_5OH	5	19
327.	Phenothiazine	$C_{12}H_9NS$		5
328.	p-Phenylenediamine	$C_6H_4(NH_2)_2$		0.1
329.	Phenyl ether, vapor	$(C_6H_5)_2O$	1	7
330.	Phenyl glycidyl ether (PGE)	$C_6H_5OCH_2CHCH_2O$	1	6.1
331.	Phenylhydrazine	$C_6H_5NHNH_2$	5	22
332.	Phenyl mercaptan	C_6H_5SH	0.5	2.3
333.	Phenylphosphine	$C_6H_5PH_2$	0.05	0.23
334.	Phorate	$(C_2H_5O)_2P(S)SCH_2SC_2H_5$		0.05
335.	Phosdrin (Mevinphos)	$(CH_3O)_2P(O)OC(CH_3)=CHCOOCH_3$	0.01	0.092
336.	Phosgene	$COCl_2$	0.1	0.4
337.	Phosphine	PH_3	0.3	0.4
338.	Phosphoric acid	H_3PO_4		1
339.	Phosphorus (yellow)	P		0.1
340.	Phosphorus oxychloride	$POCl_3$	0.1	0.63
341.	Phosphorus pentachloride	PCl_5		1
342.	Phosphorus pentasulfide	P_2S_5		1
343.	Phosphorus trichloride	PCl_3	0.2	1.1
344.	Phthalic anhydride	$C_6H_4(CO)_2O$	1	6.1
345.	Phthalodinitrile	$C_6H_4(CN)_2$		5
346.	Picric acid	$C_6H_2(OH)(NO_2)_3$		0.1
347.	Piperazine dihydrochloride	$C_4H_{10}N_2 \cdot 2HCl$		5
348.	Platinum (as Pt) Metal	Pt		1
349.	Platinum (as Pt) Soluble salts	Pt		0.002
350.	Polychlorobiphenyls	$C_{12}H_nCl_{(10-n)}$ $(0 \leqq n \leqq 9)$		0.01
351.	Propane	$CH_3CH_2CH_3$	1,000	1,800
352.	Propionic acid	CH_3CH_2COOH	10	30
353.	1-Propanol	$CH_3CH_2CH_2OH$	200	491
354.	n-Propyl acetate	$CH_3COOC_3H_7$	200	835
355.	n-Propyl nitrate (NPN)	$C_3H_7NO_3$	25	107
356.	Propylene glycol dinitrate	$NO_3CH_2CHNO_3CH_3$	0.05	0.34
357.	Propylene glycol monomethyl ether	$CH_3OCH_2CHOHCH_3$	100	369
358.	Propyleneimine	$CH_3HCNHCH_2$	2	4.7
359.	Pyrethrum			5
360.	Pyridine	C_5H_5N	5	16
361.	Quinone	$C_6H_4O_2$	0.1	0.44
362.	Resorcinol	$C_6H_4(OH)_2$	10	45
363.	Rhodium (as Rh), metal fume and insoluble compounds	Rh		0.1
364.	Rhodium (as Rh), soluble compounds	Rh		0.01
365.	Rotenone	$C_{23}H_{22}O_6$		5
366.	Selenium compounds (as Se)	Se		0.2
367.	Selenium hexafluoride	SeF_6	0.05	0.16
368.	Silicon hydride (Silane)	SiH_4	5	6.6
369.	Silver, metal dust and soluble compounds and fume (as Ag)	Ag		0.01
370.	Sodium azide	NaN_3	0.11	0.29
371.	Sodium bisulfite	$NaHSO_3$		5
372.	Sodium fluoroacetate	FCH_2COONa		0.05
373.	Sodium hydroxide	NaOH		2
374.	Stibine (antimony hydride)	SbH_3	0.1	0.51
375.	Stoddard solvent (White spirits)		100	525
376.	Sulfur dioxide	SO_2	2	5.2
377.	Sulfur hexafluoride	SF_6	1,000	5,970
378.	Sulfur monochloride	S_2Cl_2	1	5.5
379.	Sulfuric acid	H_2SO_4		1
380.	Sulfur pentafluoride	S_2F_{10}	0.01	0.1
381.	Sulfur tetrafluoride	SF_4	0.1	0.44
382.	Sulfuryl fluoride	SO_2F_2	5	21
383.	Talc (containing no asbestos fibers)	$Mg_3[Si_4O_{10}](OH)_2$		2
384.	Tantalum, metal and oxide dust	Ta		5
385.	Tellurium and compounds (as Te)	Te		0.1

386.	TEPP	$(C_2H_5O)_4P_2O_3$	0.004	0.047
387.	Terphenyls	$(C_6H_5)_2C_6H_4$	0.53	5
388.	1,1,1,2-Tetrachloro-2,2-difluoroethane	CCl_3CClF_2	500	4,170
389.	1,1,2,2-Tetrachloro-1,2-difluoroethane	CCl_2FCCl_2F	500	4,170
390.	1,1,2,2-Tetrachloroethane	$CHCl_2CHCl_2$	1	6.9
391.	Tetrachloronaphthalene	$C_{10}H_4Cl4$		2
392.	Tetraethyl lead	$Pb(C_2H_5)_4$		0.075
393.	Tetramethyl lead (as Pb)	$Pb(CH_3)_4$		0.075
394.	Tetrahydrofuran (THF)	$(CH_2)_4O$	200	590
395.	Tetramethyl succinonitrile	$NCC(CH_3)_2C(CH_3)_2CN$	0.5	28
396.	Tetranitromethane	$C(NO_2)_4$	1	8
397.	Tetrasodium pyrophosphate	$Na_4P_2O_7$		5
398.	Thioglycolic acid	$HSCH_2COOH$	1	3.8
399.	Thionyl chloride	$SOCl_2$	1	4.9
400.	Thiram	$[(CH_3)_2NCS]_2S_2$		5
401.	Tin & its inorganic compounds (as Sn)	Sn		2
402.	Tin organic compounds (as Sn)	Sn		0.1
403.	Tin oxide (as Sn)	Sn		2
404.	Titanium dioxide	TiO_2		10
405.	o-Toluidine	$CH_3C_6H_4NH_2$	5	22
406.	m-Toluidine	$CH_3C_6H_4NH_2$	2	8.8
407.	p-Toluidine	$CH_3C_6H_4NH_2$	2	8.8
408.	Toluene–2,4-diisocyanate or Toluene–2,6-diisocyanate(TDI)	$CH_3C_6H_3(NCO)_2$	0.005	0.036
409.	Toxaphene	$C_{10}H_{16}Cl_8$		0.5
410.	Tributyl phosphate (TBP)	$(C_4H_9)_3PO_4$	0.2	2.2
411.	Trichloroacetic acid (TCA)	CCl_3COOH	1	6.7
412.	1,2,4-Trichlorobenzene	$C_6H_3Cl_3$	5	37
413.	1,1,1,-Trichloroethane (methylchloroform)	CH_3CCl_3	350	1,910
414.	1,1,2-Trichloroethane	Cl_2CHCH_2Cl	10	55
415.	Trichloronaphthalene	$C_{10}H_5Cl_3$		5
416.	1,2,3-Trichloropropane	$ClCH_2CHClCH_2Cl$	50	302
417.	1,1,2-Trichloro-1,2,2-trifluoroethane	CCl_2FCClF_2	1,000	7,670
418.	Triethylamine	$(C_2H_5)_3N$	10	41
419.	Trifluorobromomethane	$CBrF_3$	1,000	6,090
420.	Trimellitic anhydride	$C_9H_4O_5$	0.005	0.04
421.	Trimethylamine	$(CH_3)_3N$	10	24
422.	Trimethylbenzene	$(CH_3)_3C_6H_3$	25	123
423.	Timethyl phosphite	$(CH_3O)_3P$	2	10
424.	2,4,6-Trinitrotoluene (TNT)	$CH_3C_6H_2(NO_2)_3$		0.5
425.	Triorthocresyl phosphate (TOCP)	$C_{21}H_{21}O_4P$		0.1
426.	Triphenyl amine	$(C_6H_5)_3N$		5
427.	Triphenyl phosphate	$(C_6H_5)_3PO_4$		3
428.	Tungsten Insoluble compounds (as W)	W		5
429.	Tungsten Soluble compounds (as W)	W		1
430.	Turpentine	$C_{10}H_{16}$	100	556
431.	Uranium Soluble compounds (as U)	U		0.2
432.	Uranium Insoluble compounds (as U)	U		0.2
433.	n-Valeraldehyde	$CH_3(CH_2)_3CHO$	50	176
434.	Vanadium pentaoxide dust	V_2O_5		0.5
435.	Vanadium pentaoxide fume	V_2O_5		0.1
436.	Vinyl acetate	$CH_3COOCH=CH_2$	10	35
437.	Vinyl bromide	$CH_2=CHBr$	5	22
438.	Vinylcyclohexene dioxide	$CH_2CHOC_6H_9O$	10	57
439.	Vinyltoluene	$CH_2=CHC_6H_4CH_3$	100	482
440.	Warfarin	$C_{19}H_{16}O_4$		0.1
441.	Wood dust			5
442.	Xylidine	$(CH_3)_2C_6H_3NH_2$	2	10
443.	Yttrium, metal and compounds (as Y)	Y		1
444.	Zinc chloride, (fume)	$ZnCl_2$		1
445.	Zinc chromates (as CrO_3)	$ZnCrO_4$		0.05
446.	Zinc oxide (fume)	ZnO		5
447.	Zirconium compounds (as Zr)	Zr		5