

# Hazardous Chemicals Vapor Phase Library



<u>Index Number</u>	<u>Compound Name</u>	<u>Index Number</u>	<u>Compound Name</u>
1	(Chloromethyl)trichlorosilane	28	4,4'-Isopropylidenediphenol; Bisphenol A
2	Benzyl chloride; a-Chlorotoluene	29	2-Phenylphenol; 2-Hydroxybiphenyl
3	1,3-Dichlorobenzene	30	Phenyltrichlorosilane
4	N,N-Dimethylaniline	31	Resorcinol; 1,3-Dihydroxybenzene
5	Cumene; Isopropylbenzene	32	Phenanthrene
6	Naphthalene	33	Fluoranthene
7	1,2,4-Trichlorobenzene	34	Acenaphthylene
8	4-Allyl-1,2-(methylenedioxy)benzene; Safrole	35	Ethyl thiocyanate
9	Tolylene 2,6-diisocyanate; 2-Methyl-1,3-phenylene diisocyanate	36	1,4-Dichloro-2-butene, (E) + (Z)
10	Triethoxysilane	37	2,4,6-Trifluoro-1,3,5-triazine; Cyanuric fluoride
11	Butyraldehyde; Butanal	38	3-Hydroxypropanesulfonic acid sultone; 1,3-Propane sultone
12	Acrolein; Propenal	39	Formic acid
13	2-Methylpropionic acid; Isobutyric acid	40	Acetic acid; Ethanoic acid
14	Biphenyl	41	Adipic acid; Hexanedioic acid
15	Acenaphthene	42	Acetamide
16	Fluorene	43	Acrylamide; Propenoamide
17	1,3-Dinitrobenzene	44	Urethane; Ethyl carbamate
18	1,2-Dinitrobenzene	45	1,2,3,4,5,6-Hexachlorocyclohexane, g-isomer; Lindane
19	Piperylene, (E) + (Z); 1,3-Pentadiene, (E) + (Z)	46	Ethyltrichlorosilane
20	1,2-Dibromotetrafluoroethane	47	(E)-1,4-Dichloro-2-butene
21	Bis(2-ethylhexyl) adipate; Bis(2-ethylhexyl) hexanedioate	48	3-Nitrophenol
22	1,2,4,5-Tetrachlorobenzene	49	2,4,5-Trichlorophenol
23	Pentachlorobenzene	50	4-Nitrobenzyl chloride; a-Chloro-4-nitrotoluene
24	Isobutyraldehyde; 2-Methylpropanal	51	2,3,6-Trichlorophenol
25	2-Methylaziridine	52	Dichloromethylphenylsilane
26	1,1-Dimethylhydrazine	53	Chloroacetaldehyde
27	Pentachlorophenol		

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54	Xylenes, mixture of isomers
55	Methallylidene diacetate; 3,3-Diacetoxy-2-methylpropene
56	2-Chloronaphthalene
57	1-Methyl-2-(3-pyridyl)pyrrolidine; Nicotine
58	2,4-Dinitrotoluene
59	Hexachlorobenzene
60	Anthracene
61	Propionic acid; Propanoic acid
62	Carbon tetrachloride; Tetrachloromethane
63	Hexachloroethane
64	Benzoic acid
65	2-Chloroethanol
66	Toluene; Methylbenzene
67	Dibutyl phthalate
68	Diethyl phthalate
69	Benzyl butyl phthalate
70	Bis(2-ethylhexyl) phthalate
71	Tetraethyltin
72	Benzoyl chloride
73	Benzonitrile
74	Dimethyl phthalate
75	4-Aminopyridine
76	(1-Methyl-2,4-cyclopentadien-1-yl)manganese tricarbonyl
77	Quinoline; Benzo[b]pyridine
78	Furan
79	4-Methyl-2-pentanone; Methyl isobutyl ketone
80	Epichlorohydrin; 1-Chloro-2,3-epoxypropane; Glycidyl chloride
81	2,2'-Iminodiethanol; Diethanolamine
82	3-Buten-2-one; Methyl vinyl ketone
83	2-Butyl acetate; 1-Methylpropyl acetate
84	Ethyl methanesulfonate
85	Acetyl bromide
86	Dimethylcarbonyl chloride
87	2-Butanone; Methyl ethyl ketone
88	Propyl chloroformate

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89	3-Chloropropionitrile
90	Propionic anhydride
91	Dichloromethane; Methylene chloride
92	1,2-Dichlorobenzene
93	3,4-Dichlorophenyl isocyanate
94	Dibenzofuran; Biphenylene oxide
95	Methyl thiocyanate
96	1,2-Methylenedioxy-4-propenylbenzene; Isosafrole
97	2-Methylphenol; o-Cresol
98	4-Aminobiphenyl; 4-Biphenylamine
99	Chlorobenzene
100	4-Bromophenyl phenyl ether; 4-Bromodiphenyl ether
101	3,4-Dinitrotoluene
102	3-(Trifluoromethyl)aniline; 3-Aminobenzotrifluoride
103	Aniline; Phenylamine; Benzeneamine
104	Nitrobenzene
105	Tolylene 2,4-diisocyanate; 4-Methyl-1,3-phenylene diisocyanate
106	Phosphorous trichloride
107	2-Methyl-1,3-phenylenediamine; 2,6-Diaminotoluene
108	Phosphorous oxychloride
109	Iodomethane; Methyl iodide
110	Chlorodibromomethane
111	1,3-Dichloropropane
112	Hexachloropropene
113	1,3-Dichloropropene, (E) + (Z)
114	1,2-Ethandiol; Ethylene glycol
115	Ethylenediamine; 1,2-Diaminoethane
116	3,5,5-Trimethyl-2-cyclohexen-1-one; Isophorone
117	Crotonaldehyde; 2-Butenal
118	1,3-Dichloro-2-propanone; 1,3-Dichloroacetone

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119	Chloroacetic acid
120	Propionitrile; Ethyl cyanide
121	Trichloroacetyl chloride
122	2-Methylpropionitrile; Isobutyronitrile; Isopropyl cyanide
123	2-Methylpropenenitrile; Methacrylonitrile
124	Dibromomethane; Methylene bromide
125	Adiponitrile; 1,4-Dicyanobutane
126	1,2,4-Trimethylbenzene
127	Dimethyl chlorothiophosphate
128	Malononitrile; Methylene cyanide
129	Carbon disulfide
130	1,2-Benzanthracene
131	Tetranitromethane
132	1,4-Dichlorobenzene
133	Styrene oxide; Epoxyethylbenzene; Phenylloxirane
134	Catechol; Pyrocatechol; 1,2-Dihydroxybenzene
135	2,4-Dimethylphenol; 2,4-Xylenol
136	4-Chloro-3-methylphenol; 4-Chloro-m-cresol
137	Hydroquinone; 1,4-Dihydroxybenzene
138	2,3,4-Trichlorophenol
139	2-Nitrophenol
140	4-Nitrophenol
141	4-Methyl-1,3-phenylenediamine; 2,4-Diaminotoluene
142	4-Nitroaniline
143	1,4-Dinitrobenzene
144	2,6-Dinitrotoluene
145	4-Methyl-1,2-phenylenediamine; 3,4-Diaminotoluene
146	Benzenethiol; Thiophenol
147	4-Nitrotoluene
148	N,N-Dimethyl-1,4-phenylenediamine
149	2-Chloroacetophenone; Phenacyl chloride
150	2-Methyl-2-propanol; t-Butanol
151	Ethylbenzene
152	Ethyl acetate

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153	Isoprene; 2-Methyl-1,3-butadiene
154	Cyclohexane
155	1,2-Dichloropropane
156	1,1-Dichloroethane; Ethylidene dichloride
157	1,2-Dichloroethane; Ethylene dichloride
158	Bromodichloromethane
159	1,1,2-Trichloroethane
160	1,1,1-Trichloroethane
161	1,2-Dibromoethane; Ethylene dibromide
162	1,1,1,2-Tetrachloroethane
163	1,1,2,2-Tetrachloroethane
164	Bromoform; Tribromomethane
165	1,1-Dichloroethylene; Vinylidene chloride
166	Allyl chloride; 1-Chloro-2-propene
167	1,2-Dichloroethylene, (E) + (Z)
168	2,3-Dichloropropene
169	Tetrachloroethylene
170	Pentachloroethane
171	1-Butanol; Butyl alcohol
172	Vinyl bromide; Bromoethylene
173	Methanol; Methyl alcohol
174	2-Methyl-1-propanol; Isobutyl alcohol
175	Benzal chloride; a,a-Dichlorotoluene
176	(E)-1,2-Dichloroethylene
177	Hexachloro-1,3-butadiene
178	Hexachlorocyclopentadiene
179	Diethyl ether; Ethyl ether; Ether
180	t-Butyl methyl ether; 1,1-Dimethyl-1-methoxyethane
181	2-Chloroethyl vinyl ether
182	Allyl alcohol; 2-Propen-1-ol
183	2-Fluoroethanol
184	2-Chloroethyl ether; Bis(2-chloroethyl) ether
185	Propylene oxide; 1,2-Epoxypropane
186	1,2-Epoxybutane

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187	2-Methoxyethanol	222	Methyl methacrylate; Methyl 2- methylpropenoate
188	2-Ethoxyethanol	223	Acetyl chloride
189	1,4-Dioxane	224	Acryloyl chloride; Propenoyl chloride
190	Piperidine	225	Pentyl acetate; Amyl acetate
191	Perchloro(methyl mercaptan); Trichloromethanesulfenyl chloride	226	Methyl isocyanate
192	1,1-Dimethylethylamine; t-Butylamine	227	Dimethyl sulfate
193	Diethylamine	228	Methyl isothiocyanate
194	Triethylamine	229	Tetrahydrofuran
195	Propylamine	230	Butyl acetate
196	1-Amino-2- methylpropane; 2- methylpropylamine; Isobutylamine	231	o-Xylene; 1,2- Dimethylbenzene
197	Butylamine	232	m-Xylene; 1,3- Dimethylbenzene
198	Methylhydrazine	233	Styrene; Vinylbenzene
199	Dipropylamine	234	2-Chlorophenol
200	Allylamine; 3-Amino-1- propene	235	Dichlorodimethylsilane
201	Cyclohexylamine	236	2-Propyn-1-ol; Propargyl alcohol
202	2-Nitropropane	237	Iron pentacarbonyl
203	Nitrocyclohexane	238	Diethyl chlorophosphate
204	1-Nitrosopyrrolidine	239	2-Methyl-5-vinylpyridine; 5-Vinyl-2-picoline
205	Pyridine	240	Methyl chloroformate
206	Butyl acrylate; Butyl propenoate	241	Benzotrichloride; a,a,a- Trichlorotoluene
207	2-Propanol; Isopropyl alcohol	242	4-Methylphenol; p-Cresol
208	Acrylonitrile; Vinyl cyanide	243	2,6-Dichlorophenol
209	2-Methylpyridine; 2- Picoline	244	2,4-Dichlorophenol
210	Acetic anhydride	245	2,3,5-Trichlorophenol
211	2-Furaldehyde; Furan-2- carboxaldehyde; Furfural	246	p-Toluidine; 4- Methylaniline
212	Butyric acid; Butanoic acid	247	o-Toluidine; 2- Methylaniline
213	Cyclohexanone	248	2-Methoxyaniline; o- Anisidine
214	Methacryloyl chloride; 2- Methylpropenoyl chloride	249	2-Methoxy-4- methylaniline; 2- Methoxy-p-toluidine; 4- Methyl-o-anisidine
215	Benzene	250	2,4,6-Trichlorophenol
216	Chlorotrimethylsilane; Trimethylsilyl chloride	251	4-Methoxyaniline; p- Anisidine
217	Methyltrichlorosilane	252	4-Chloroaniline
218	Acetophenone; Acetylbenzene	253	2,4,6-Trimethylaniline
219	Vinyl acetate	254	Diethyl sulfate
220	Methyl acrylate; Methyl propenoate	255	2,6-Dimethylaniline; 2,6- Xylidine
221	Ethyl acrylate; Ethyl propenoate	256	3-Nitrotoluene
		257	2-Nitrotoluene
		258	Acetaldehyde; Ethanal

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259	Acrylic acid; Propenoic acid
260	t-Butyl acetate
261	Isobutyl acetate; 2-Methylpropyl formate
262	3-Methylbutyl acetate; Isoamyl acetate
263	Ethyl methacrylate; Ethyl 2-methylpropenoate
264	Propionaldehyde; Propanal
265	Acetonitrile; Methyl cyanide
266	3-Methylphenol; m-Cresol
267	(S)-(+)-2-Aminobutane; (S)-(+)-2-Butylamine
268	p-Xylene; 1,4-Dimethylbenzene
269	Propylene; Propene
270	Trichloroethylene
271	Ethylene; Ethene
272	Ammonia
273	Nitric oxide
274	Hydrogen cyanide
275	Nitrogen dioxide
276	Chloromethane; Methyl chloride
277	Hydrogen chloride
278	Hydrogen sulfide
279	Ethylene oxide; Oxirane
280	Phosphine
281	Arsine
282	Diborane
283	Fluorotrichloromethane; CFC-11
284	Dichlorodifluoromethane; CFC-12
285	Bromotrifluoromethane; CFC-13B1
286	1,1,2-Trichlorotrifluoroethane; CFC-113b
287	1,2-Dichlorotetrafluoroethane ; CFC-114
288	Chloropentafluoroethane; CFC-115
289	1,3-Butadiene; Bivinyll
290	Chloroethane; Ethyl chloride
291	Trimethylamine
292	Sulfur dioxide
293	Bromomethane; Methyl bromide

<u>Index Number</u>	<u>Compound Name</u>
294	Carbonyl sulfide
295	Ethylamine
296	Dimethylamine
297	Methanethiol; Methyl mercaptan
298	Methylamine
299	2-Propanone; Acetone
300	Phosgene; Carbonyl dichloride
301	Vinyl chloride; Chloroethylene
302	Boron trifluoride
303	Boron trichloride
304	Hydrogen fluoride