



Hazardous Chemicals-Condensed Phase Spectra

Library Listing – 411 spectra

This library contains a collection of condensed phase spectra of toxic chemicals, pollutants and other contaminants. These compounds are of interest to scientists involved in hazardous waste site remediation.

The Hazardous Chemicals Condensed Phase Library contains 411 spectra which are on the US Environmental Protection Agency's Office of Toxic Substances consolidated list of chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), also known as the Emergency Planning and Community Right-to-Know Act (EPCRA). The compounds in this library include chemicals referenced under the following federal statutory provisions:

- SARA Section 302 Extremely Hazardous Substances (EHS)
- CERCLA Hazardous Substances (Reportable Quantity Chemicals)
- SARA Section 313 Toxic Chemicals
- RCRA Hazardous Wastes

This library is complementary to the Hazardous Chemicals Vapor Phase Library.

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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
144	(+)-Cycloheximide, 85+%	230	2,4,6-Trichlorophenol, 98%
353	(+)-Digoxin	257	2,4,6-Trimethylaniline, 97%
335	(+/-)-3,6-Dihydropyridazine	260	2,4-Diaminotoluene, 98%
308	(+/-)-Warfarin, 98%	227	2,4-Dichlorophenol, 99%
114	(+/-)-sec-Butyl acetate, 99%	298	2,4-Dichlorophenoxyacetic acid, 96%
355	(-)-L-Strychnine, 98%	226	2,4-Dimethylphenol, 97%
77	(2-Chloroethyl)trimethylammonium chloride, 98%	287	2,4-Dinitrophenol
362	(Chloromethyl)trichlorosilane, 97%	285	2,4-Dinitrotoluene, 97%
267	(R)-(-)-Epinephrine, 99%	288	2,5-Dinitrophenol
334	(S)-(-)-Nicotine, 98%	259	2,6-Diaminotoluene, 97%
21	1,1,1,2-Tetrachloroethane, 98.5%	319	2,6-Dichlorobenzonitrile, 97%
18	1,1,1-Trichloroethane, uninhibited, 99%	224	2,6-Dichlorophenol, 99%
20	1,1,2,2-Tetrachloroethane	254	2,6-Dimethylaniline, 99%
19	1,1,2-Trichloroethane, 98%	282	2,6-Dinitrotoluene
24	1,1,2-Trichlorotrifluoroethane, 99+%	300	2-(2,4,5-Trichlorophenoxy)propionic acid, 97%
213	1,1-Bis(4-chlorophenyl)-2,2,2-trichloroethane, 99+%	297	2-Aminoanthraquinone, tech.
10	1,1-Dichloroethane	83	2-Butanone, 99+%
68	1,1-Dimethylhydrazine, 98+%	46	2-Chloroethanol, 99%
37	1,2,3,4,5,6-Hexachlorocyclohexane, g-isomer, 97%	137	2-Chloroethyl chloroformate, 97%
209	1,2,4,5-Tetrachlorobenzene, 98%	49	2-Chloroethyl ether, 99%
208	1,2,4-Trichlorobenzene, 99%	50	2-Chloroethyl vinyl ether, 99%
183	1,2,4-Trimethylbenzene, 99+%	221	2-Chlorophenol, 99+%
198	1,2,5,6-Dibenzanthracene, 97%	52	2-Ethoxyethanol, 99+%
193	1,2-Benzanthracene, 99%	47	2-Fluoroethanol, 95%
8	1,2-Dibromoethane, 99+%	326	2-Furaldehyde, 99%
7	1,2-Dichloroethane, 99+%	151	2-Imidazolidinethione, 98%
11	1,2-Dichloropropane, 99%	255	2-Methoxy-5-methylaniline, 99%
266	1,2-Diphenylhydrazine, 97%	284	2-Methoxy-5-nitroaniline, 98%
54	1,2-Epoxybutane, 99%	51	2-Methoxyethanol, 99%
86	1,3-Dichloroacetone, 95+%	41	2-Methyl-1-propanol, 99%
9	1,3-Dichloropropane, 99%	43	2-Methyl-2-propanol, 99.5%
29	1,3-Dichloropropene, 98%, mixture of isomers	283	2-Methyl-5-nitroaniline, 99%
168	1,3-Propane sultone, 97%	332	2-Methyl-5-vinylpyridine tech., 90+%
31	1,4-Dichloro-2-butene, tech., 85%, mixture of cis and trans	272	2-Nitrophenol
158	1,4-Dicyanobutane, 99%	80	2-Nitropropane, 94%
57	1,4-Dioxane, 99+%	271	2-Nitrotoluene, 99+%
295	1,4-Naphthoquinone, 97%	238	2-Phenylphenol, 99+%
261	1,4-Phenylenediamine, 97%	331	2-Picoline, 99+%
316	1-(2-Chlorophenyl)-2-thiourea, 98%	42	2-Propanol, 99+%
152	1-Acetyl-2-thiourea, 99%	256	3,3'-Dimethoxybenzidine, 97%
40	1-Butanol, 99+%	231	3,4,5-Trichlorophenol, 99%
78	1-Nitrosopyrrolidine, 99%	258	3,4-Diaminotoluene, 97%
315	1-Phenyl-2-thiourea, 97%	322	3,4-Dichlorophenyl isocyanate, 97%
212	2,2-Bis(4-chlorophenyl)-1,1-dichloroethane, 99+%	286	3,4-Dinitrotoluene, 99%
214	2,2-Bis(4-chlorophenyl)-1,1-dichloroethylene, 99%	327	3-Amino-1,2,4-triazole, 95%
109	2,2-Dichloropropionic acid, 96%	248	3-Aminobenzotrifluoride, 99+%
228	2,3,4-Trichlorophenol, 97%	161	3-Chloropropionitrile, 98%
232	2,3,5-Trichlorophenol, 99%	195	3-Methylcholanthrene, 99%
229	2,3,6-Trichlorophenol, 99%	275	3-Nitrophenol, 99%
296	2,3-Dichloro-1,4-naphthoquinone, 98%	274	3-Nitrotoluene, 99%
30	2,3-Dichloro-1-propene, 98%	294	4,4'-Bis(dimethylamino)benzophenone, 98%
233	2,4,5-Trichlorophenol, 98%	240	4,4'-Isopropylidenediphenol, 97%
299	2,4,5-Trichlorophenoxyacetic acid, 98%	264	4,4'-Methylenebis(N,N-dimethylaniline), 98%
		250	4,4'-Methylenedianiline, 99%
		289	4,6-Dinitro-o-cresol
		263	4-Aminobiphenyl, 98%
		253	4-Aminophenyl ether, 99+%

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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
333	4-Aminopyridine, 98%	302	Benzoic acid, ammonium salt, 98%
216	4-Bromodiphenyl ether, 99+%	318	Benzonitrile, 99+%
225	4-Chloro-3-methylphenol, 99%	311	Benzoyl chloride, 99+%
251	4-Chloroaniline, 99+%	309	Benzoyl peroxide
337	4-Hydroxy-2-mercapto-6-methylpyrimidine, 98%	202	Benzyl chloride, 97%
84	4-Methyl-2-pentanone, 99.5%	317	Benzyl cyanide, 99+%
280	4-Nitroaniline, 99+%	185	Biphenyl, 99%
278	4-Nitrobenzyl chloride, 99%	366	Boron trifluoride dimethyl etherate
279	4-Nitrophenol, 98%	367	Boron trifluoride-propanol
339	4-Nitropyridine-N-oxide, 97%	14	Bromodichloromethane, 98+%
268	4-Nitrosodiphenylamine, tech., 75%	13	Bromoform, 96%
277	4-Nitrotoluene, 99%	113	Butyl acetate, 99+%
345	4-Phenylazoaniline, 98%	123	Butyl acrylate, 99+%
336	5-Fluorouracil, 99%	63	Butylamine, 99+%,
194	7,12-Dimethylbenz[a]anthracene, 97%	93	Butyraldehyde, 99%
188	Acenaphthene, 99%	101	Butyric acid, 99+%
189	Acenaphthylene, 95%	365	Cacodylic acid, sodium salt .H2O, 98%
91	Acetaldehyde, 99%	143	Carbamylcholine chloride, 99%
139	Acetamide, 99+%	59	Carbon disulfide, 99+%
98	Acetic acid, glacial 99.8%	17	Carbon tetrachloride, 99%
125	Acetic anhydride, 99+%	235	Catechol, 99+%
163	Acetone cyanohydrin, 99%	108	Chloroacetic acid, 99%
82	Acetone, 99+%	201	Chlorobenzene, 99+%
154	Acetonitrile, 99%	15	Chlorodibromomethane, 98%
292	Acetophenone, 99%	12	Chloroform
129	Acetyl bromide	359	Chlorotrimethylsilane, 98%
128	Acetyl chloride, 98%	196	Chrysene, 95%
95	Acrolein, 97%	313	Colchicine
140	Acrylamide, 99+%	381	Copper(I) cyanide
104	Acrylic acid	387	Copper(II) sulfate, anhydrous
159	Acrylonitrile, 99+%	96	Crotonaldehyde, 85%
131	Acryloyl chloride, 98%, stabilized	242	Cumene hydroperoxide, tech., 80%
103	Adipic acid, 99+%	178	Cumene, 99%
45	Allyl alcohol, 99%	269	Cupferron
26	Allyl chloride, 99%	3	Cyclohexane, 99+%
74	Allylamine, 98%	87	Cyclohexanone, 99.8%,
393	Ammonium carbonate	73	Cyclohexylamine, 99%
404	Ammonium chromate(VI), 99%	373	Decaborane(14)
399	Ammonium citrate, dibasic, 98%	328	Dibenzofuran, 99+%
408	Ammonium hexafluorosilicate, 99.9999%	6	Dibromomethane, 99%
377	Ammonium hydrogen difluoride	306	Dibutyl phthalate, 99%
398	Ammonium iron(III) citrate	360	Dichlorodimethylsilane, 99%
403	Ammonium metavanadate, 99.999%	5	Dichloromethane, 99+%
384	Ammonium nitrate	363	Dichloromethylphenylsilane, 96%
402	Ammonium oxalate .H2O, 99+%	75	Diethanolamine, 97%
374	Ammonium sulfamate, 98+%	172	Diethyl chlorophosphate, 97%
385	Ammonium sulfate, 99.9999%	305	Diethyl phthalate, 99%
407	Ammonium tetrafluoroborate, 99.999%	170	Diethyl sulfate, 98%
392	Ammonium thiocyanate	69	Diethylamine, 98%
116	Amyl acetate, 99%	239	Diethylstilbestrol, 99%
244	Aniline, 99.5+%	352	Digitoxin
190	Anthracene, 99.9%	174	Dimethyl chlorothiophosphate, 97%
314	Benzamide, 99%	304	Dimethyl phthalate, 99%
175	Benzene, 99+%	169	Dimethyl sulfate, 99+%
323	Benzenesulfonyl chloride, 99%	67	Dimethylamine, 40 wt.% solution in water
199	Benzo[a]pyrene, 98%	138	Dimethylcarbamyl chloride, 98%
200	Benzo[ghi]perylene	307	Dioctyl phthalate, 98%)
301	Benzoic acid, 99+%	70	Dipropylamine, 99%
		350	Disperse Orange 11 (C.I. 60700)

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343	Disperse Yellow 3 (C.I. 11855)	133	Methyl chloroformate, 99%
55	Epichlorohydrin, 99%	164	Methyl isocyanate
354	Eserine, 99%	166	Methyl isothiocyanate
48	Ether	121	Methyl methacrylate, 99%
112	Ethyl acetate, 99.5+%	165	Methyl thiocyanate, 99%
120	Ethyl acrylate, 99%	85	Methyl vinyl ketone, 99%
134	Ethyl chloroformate, 97%	330	Methyl viologen .H2O
122	Ethyl methacrylate, 99%	60	Methylamine, 40 wt.% solution in water
167	Ethyl methanesulfonate, 99%	61	Methylhydrazine, 98%
177	Ethylbenzene, 99%	173	Methylphosphonic dichloride, 98%
44	Ethylene glycol, 99+%	361	Methyltrichlorosilane, 98%
66	Ethylenediamine, 99+%,	356	Mitomycin c
111	Ethylenediaminetetraacetic acid, 99%	262	N,N-Dimethyl-1,4-phenylenediamine, 97%
342	Fast Garnet GBC base, 97%	245	N,N-Dimethylaniline, 99%
192	Fluoranthene, 98%	147	N-Methyl-N'-nitro-N-nitrosoguanidine, 97%
187	Fluorene, 98%	186	Naphthalene, 99+%
141	Fluoroacetamide, 98%	110	Nitrilotriacetic acid, 99%
107	Fluoroacetic acid, sodium salt, 98%	270	Nitrobenzene, 99+%
16	Fluorotrichloromethane, 99+%	81	Nitrocyclohexane, 97%
90	Formaldehyde, 37 wt.% solution in water	217	Pentabromophenyl ether, 98%
97	Formic acid, 98%	210	Pentachlorobenzene, 98%
105	Fumaric acid, 99+%	22	Pentachloroethane, 96%
325	Furan, 99+%	291	Pentachloronitrobenzene, 96%
351	Guinea Green B (C.I. 42085)	234	Pentachlorophenol, 99%
36	Hexachloro-1,3-butadiene, 98%	99	Peracetic acid, 35 wt.% solution in dil. acetic acid
211	Hexachlorobenzene, 97%	58	Perchloromethyl mercaptan, 97%
38	Hexachlorocyclopentadiene, 98%	191	Phenanthrene, 98+%
23	Hexachloroethane	219	Phenol, 99+%
241	Hexachlorophene, 99%	369	Phenylarsonic acid, 97%
35	Hexachloropropene, 96%	265	Phenylhydrazine .HCl, 99+%
171	Hexamethylphosphoramide, 99%	303	Phenylmercuric acetate, 97%
372	Hydrazine sulfate	364	Phenyltrichlorosilane, 95%
237	Hydroquinone, 99+%	310	Phthalic anhydride, 99%
4	Iodomethane, 99%	290	Picric acid, 98%
411	Iron pentacarbonyl	124	Picrotoxin
117	Isoamyl acetate, 99%	76	Piperidine, 98%
64	Isobutylamine, 99%	1	Piperylene, tech., 90%, (E) + (Z)
94	Isobutyraldehyde, 98%	401	Potassium antimonyl tartrate .1/2 H2O, 99.995%
102	Isobutyric acid, 99+%	379	Potassium cyanide
156	Isobutyronitrile, 99%	405	Potassium dichromate
88	Isophorone, 98%	406	Potassium permanganate, 99+%
2	Isoprene, 99+%	341	Propargyl alcohol, 97%
136	Isopropyl chloroformate, 98%	340	Propargyl bromide, 80 wt.% solution in toluene
400	L-Tartaric acid, diammonium salt, 99%	92	Propionaldehyde, 97%
162	Lactonitrile, 92%	100	Propionic acid, 99%
383	Lead nitrate, 99.9999%	126	Propionic anhydride, 97%
397	Lead subacetate, anhydrous	155	Propionitrile, 99%
395	Lead(II) acetate, 99.999%	135	Propyl chloroformate, 98%
391	Lead(II) thiocyanate, 99.5%	62	Propylamine, 98%
106	Maleic acid, 99%	53	Propylene oxide, 99%
127	Maleic anhydride, briquettes, 99%	197	Pyrene, 99+%
157	Malononitrile, 99%	329	Pyridine, 99+%
394	Mercuric acetate, 98%	338	Quinoline, 99%
380	Mercury(II) cyanide, 99%	357	Reserpine, 99%
390	Mercury(II) thiocyanate	236	Resorcinol, 98%
160	Methacrylonitrile		
132	Methacryloyl chloride, tech., 90%		
119	Methyl acrylate, 99%		
39	Methyl alcohol, 99.9%		

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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
349	Rhodamine 6G (C.I. 45160)	71	Trimethylamine, anhydrous, 99%
324	Saccharin, 98+%	371	Trimethyltin chloride, 99%
215	Safrole, 97%	348	Trypan Blue
376	Selenious acid, 99.999%	142	Urethane, 99%
145	Semicarbazide .HCl, 99+%	118	Vinyl acetate, 99+%
375	Silver nitrate, 99.997+%	25	Vinyl bromide, 98%
382	Sodium azide, 99%	28	Vinylidene chloride, 99%
378	Sodium cyanide, 98%	182	Xylenes, mixed
410	Sodium hydrogen selenite	347	Xylidine Ponceau 2R (C.I. 16150)
368	Sodium methoxide, anhydrous	396	Zinc acetate .2H ₂ O, 98+%
409	Sodium nitrite, 97+%	207	a,a,a-Trichlorotoluene, 98%
388	Sodium phosphate, dibasic, anhydrous, 98+%	203	a,a-Dichlorotoluene, 99%
389	Sodium tripolyphosphate, tech., 85%	293	a-Chloroacetophenone, 99%
218	Styrene oxide, 97%	222	m-Cresol, 99+%
184	Styrene, 99+%	205	m-Dichlorobenzene, 98%
344	Sudan I (C.I. 12055)	276	m-Dinitrobenzene, 97%
346	Sudan II (C.I. 12140)	180	m-Xylene, 99%
34	Tetrachloroethylene, 99+%	247	o-Anisidine, 99+%
370	Tetraethyltin, 99%	220	o-Cresol, 99+%
56	Tetrahydrofuran, 99.5+%	204	o-Dichlorobenzene, 99+%
153	Tetramethylthiuram disulfide, 97%	273	o-Dinitrobenzene, 99%
79	Tetranitromethane, 98%	246	o-Toluidine, 99+%
386	Thallium(I) sulfate, 99.999%	179	o-Xylene, 97%
149	Thioacetamide, 99%	312	p-Acetophenetidine, 97%
146	Thiocarbohydrazide, 98%	252	p-Anisidine, 99+%
243	Thiophenol, 99+%	89	p-Benzoquinone, 99+%,
150	Thiosemicarbazide, 99%	223	p-Cresol, 99+%
148	Thiourea, 99%	206	p-Dichlorobenzene, 99+%
176	Toluene, 99+%	281	p-Dinitrobenzene, 98%
320	Tolylene 2,4-diisocyanate, tech., 80%	249	p-Toluidine, 99.9%
321	Tolylene 2,6-diisocyanate, 97%	181	p-Xylene, 99%
130	Trichloroacetyl chloride, 99%	115	t-Butyl acetate, 99+%
33	Trichloroethylene, 98%	65	t-Butylamine, 98%
358	Triethoxysilane, 98%	27	trans-1,2-Dichloroethylene, 98%
72	Triethylamine, 99%	32	trans-1,4-Dichloro-2-butene, tech., 85%