

Chem-ID™ ID Library - June 1, 2009

1. Acetoin
2. Acetone
3. Acetone Cyanohydrin
4. Acetophenone
5. Acrolein (2-Propenal)
6. Acrylonitrile
7. Allyl Alcohol
8. Allyl Amine
9. Allyl Chloride
10. Allyl Chloroformate
11. Allyl Isothiocyanate
12. Benzene
13. Benzyl Chloride
14. Bis(2-Chloroethyl) Ether
15. Boron Trichloride
16. Bromoform
17. 2,3-Butanedione (Diacetyl)
18. 2-Butanone
19. n-Butyl Chloroformate
20. 1-Butyl Isocyanate
21. 1,2-Butylene Oxide
22. Carbamic Acid Ethyl Ester
23. Carbon Disulfide
24. Carbon Tetrachloride
25. Chloroacetone
26. Chloroacetaldehyde
27. Chloroacetonitrile
28. Chlorobenzene
29. Chloroform
30. Crotonaldehyde
31. Cumene
32. n-Decane
33. 1,2-Dibromo-3-Chloropropane
34. 1,2-Dibromoethane
35. 1,2-Dichlorobenzene
36. 1,3-Dichlorobenzene
37. 1,1-Dichloroethane
38. 1,2-Dichloroethane
39. 1,2-Dichloroethylene (cis)
40. 1,2-Dichloropropane
41. 1,3-Dichloropropene (cis)
42. 1,3-Dichloropropene (trans)
43. N,N-Dimethylaniline
44. N,N-Dimethylcarbamoyl Chloride
45. N,N-Dimethylformamide
46. Dimethyl Methylphosphonate
47. n-Dodecane
48. Epichlorohydrin
49. Ethanol
50. Ethyl Benzene
51. 2-Ethyltoluene
52. 3-Ethyltoluene
53. Formaldehyde
54. Furan
55. Hexachloroethane
56. 1,1,1,3,3,3- Hexamethyldisilazane
57. n-Hexane
58. Iodomethane
59. Isobutyl Chloroformate
60. Isophorone
61. Methanol
62. Methyl Caproate
63. Methyl Methacrylate
64. Methyl Salicylate
65. Methylene Chloride
66. Naphthalene
67. 2-Nitropropane
68. n-Nitrosodimethylamine
69. n-Nonane
70. n-Octane
71. 1-Octanethiol
72. n-Pentane
73. Polyethyleneimine
74. Propylene Glycol Monomethyl Ether Acetate
75. Propylene Oxide
76. Pyridine
77. Styrene
78. Tert-Butyl Methyl Ether
79. 1,1,2,2 Tetrachloroethane
80. Tetrachloroethylene
81. Tetraethoxysilane
82. Tetrahydrofuran
83. 1,4-Thioxane
84. Toluene
85. 1,1,2 Trichloro-1,2,2 Trifluoroethane (Freon 113)
86. Trichloroacetyl Chloride
87. 1,2,4 Trichlorobenzene
88. 1,1,1 Trichloroethane
89. 1,1,2 Trichloroethane
90. Trichloroethylene
91. Trichlorofluoromethane (Freon 11)
92. Trichloro-Nitromethane
93. Triethylamine
94. Triethyl Borate
95. 1,2,4 Trimethylbenzene
96. 1,3,5 Trimethylbenzene
97. 2,2,4-Trimethylpentane
98. n-Undecane
99. Vinyl Acetate
100. m-Xylene
101. o-Xylene
102. p-Xylene

Future Library Expansions

Toxic Industrial Chemicals

1,2-Dimethylhydrazine	Chloropicrin	Hydrogen sulfide	Phosphorus pentafluoride
1,4 Thioxane	Crotonaldehyde	Iron pentacarbonyl	Phosphorus trichloride
2-Butanone	Cumene	Isobutyl chloroformate	Phosphoryl trichloride
Acetone	Diborane	Isopropyl chloroformate	Polyethylene
Acetone cyanohydrin	Dicamba	Isopropyl isocyanate	Polyethyleneimine
Acrolein	Diketene	Lindane	Potassium cyanide
Acrylonitrile	Dimethyl methylphosphonate (DMMP)	Malathion	Propylene oxide
Allyl alcohol	Dimethyl sulfate	Methane sulfonyl chloride	Selenium hexafluoride
Allyl chlorocarbonate	Dimethylamine	Methanol	Silicon tetrachloride
Allyl chloroformate	Diuron (3,4 dichlorophenyl)	Metholchor	Sodium cyanide
Allyl isothiolcyanate	Ethanol	Methyl caproate	Sodium hypochlorite (chlorine)
Allylamine	Ethyl benzene	Methyl chloroformate	Stibine
Ammonia	Ethyl phosphonothioic dichloride	Methyl hydrazine	Styrene
Ammonium (dihydrogen) phosphate	Ethylene dichloride	Methyl isocyanate	Sulfonyl chloride
Ammonium nitrate	Ethylene glycol	Methyl salicylate	Sulfur dioxide
Ammonium sulfate	Ethylene oxide	MTBE	Sulfur trioxide
Arsenic trichloride	Ethylenediaminetetraacetic acid (EDTA)	n-Butyl chloroformate	Sulfuryl fluoride
Benzene	Ethyleneimine	n-Butyl isocyanate	Tert-butyl isocyanate
Boron tribromide	Ethylphosphoric dichloride	Nickel carbonyl	Tetrahydrofuran (THF)
Boron trichloride	Fluorine	Nitrogen dioxide	Titanium tetrachloride
Boron trifluoride	Formaldehyde	n-Octyl mercaptan	Toluene
Bromomethane	Furan	n-Propyl chloroformate	Toluene 2,4 - diisocyanate
Carbon disulfide	Glutaraldehyde	Osminum tetraoxide	Trichloroacetyl chloride
Carbon tetrachloride	Glyphosate (phosphonomethyl glycine - pestnal)	Perchloromethyl mercaptan	Triethyl phosphate (TEP)
Chloroacetaldehyde	Hydrazine	Phenol	Triethylamine
Chloroacetone	Hydrogen fluoride	Phosgene	Xylene
Chloroacetonitrile	Hydrogen peroxide	Phosphine	
Chloroacetyl chloride	Hydrogen selenide	Phosphorus oxychloride	

Future Library/Category Expansions

•Chemical Warfare Agents

- Hydrogen Cyanide (AC)
- Soman (GD)
- Lewisite (L)
- Cyanogen Chloride (CK)
- Mustard Gas (HD)
- Tabun (GA)
- Sarin (GB)
- Nit. Mustard (HN1,2,3)

•Interferents

- Antifreeze
- Clorox
- Kerosene
- Burning cardboard
- Diesel
- White vinegar
- Burning cotton
- Gasoline
- Windex

•Meth Manufacturing Chemicals

- a-benzyl-N-methylphenethylamine
- Dibenzyl ketone
- Nitroethane
- Acetic acid
- Diethylmalonate
- Phenyl-2-propanone
- Aluminum oxide
- Dimethylformamide
- Phenyl acetic acid
- Amphetamine
- Ephedrine phosphorous
- Benzyl chloride
- Ethyl acetate
- Sodium carbonate
- Benzyl cyanide
- Mercury
- Sodium hydroxide
- Benzyl methyl ketone benzylimine
- Methylamine
- Tri-(-phenylisopropyl) amine
- Di-(1-phenylisopropyl) amineN,N-dimethylamphetamine