



Acutely Toxic Chemicals and Gases

Partial List of Acutely Toxic Chemicals

Acrolein	Nitrogen tetroxide
Acrylyl chloride	Nitrogen trioxide
2-Aminopyridine	Organo Tin compounds
Benzyl chloride	Osmium tetroxide
Bromine	Oxygen difluoride
Chlorine dioxide	Ozone
Chlorine trifluoride	Pentaborane
Chlorpicrin	Perchloromethyl mercaptan
Cyanogen chloride	Phosphorus oxychloride
Cyanuric fluoride	Phosphorus trichloride
Decaborane	Sarin
Dichloro acetylene	Sulfur monochloride
Dimethyl disulfide	Sulfur pentafluoride
Dimethylsulfate	Sulfuryl chloride
Dimethylsulfide	Tellurium hexafluoride
Ethylene chlorohydrin	Tetramethyl succinonitrile
Ethylene fluorohydrin	Tetranitromethane
Hexamethylene diisocyanate	Thionyl chloride
Hexamethyl phosphoramidate	Toluene-2,4-diisocyanate
Iodine	Trichloro (chloromethyl) silane
Iron pentacarbonyl	
Isopropyl formate	
Methacryloyl chloride	
Methacryloxyethyl isocyanate	
Methyl acrylonitrile	
Methyl chloroformate	
Methylene biphenyl isocyanate	
Methyl fluoroacetate	
Methyl fluorosulfate	
Methyl hydrazine	
Methyltrichlorosilane	
Methyl vinyl ketone	



Partial List of Acutely Toxic Gases

This list is provided as a guide and is not all-inclusive. Carefully review material safety data sheets before working with chemicals.

Name	CAS#
Arsenic pentafluoride	7784-36-3
Arsine	7784-42-1
Boron trifluoride	7637-07-2
Chlorine	7782-50-5
Chloropicrin in gas mixtures	76-06-2
Cyanogen bromide	506-68-3
Cyanogen chloride	506-77-4
Cyanogen	460-19-5
Diazomethane	334-88-3
Diborane	19287-45-7
Fluorine	7681-49-4
Germane	7782-65-2
Hexaethyl tetraphosphate (Tetraphosphoric acid, hexaethyl ester)	757-58-4
Hydrogen cyanide	74-90-8
Hydrogen selenide	7783-07-5
Methyl mercaptan	74-93-1
Nitric oxide	10102-43-9
Nitrogen dioxide	10102-44-0
Nitrogen Tetroxide	10544-72-6
Oxygen difluoride	7783-41-7
Phosgene	75-45-5
Phosphine	1498-40-4
Phosphorus pentafluoride	7641-19-0
Selenium hexafluoride	7783-79-1
Silicon tetrafluoride	7783-61-1
Stibine	10025-91-9
Sulfur tetrafluoride	7783-60-0