

## List Sorted by Minimum Concentration

ACG = Any Commercial Grade. If you have any questions, please contact EHS @ 898-5126.

Chemical Of Interest	Synonym	CAS	Minimum Concentration (percent)	Amount on Hand (pounds)
Arsine		7784-42-1	0.067	
Hydrogen selenide		7783-07-5	0.07	
Oxygen difluoride		7783-41-7	0.09	
Phosgene	[Carbonic dichloride] or [carbonyl chloride]	75-44-5	0.17	
Phosphine		7803-51-2	0.67	
Stibine		7803-52-3	0.67	
Tellurium hexafluoride		7783-80-4	0.83	
1- Pentene		109-67-1	1	
1,1-Dimethylhydrazine	[Hydrazine, 1, 1-dimethyl-]	57-14-7	1	
1,3-Butadiene		106-99-0	1	
1,3-Pentadiene		504-60-9	1	
1-Butene		106-98-9	1	
1-Chloropropylene	[1-Propene, 1-chloro-]	590-21-6	1	
2,2-Dimethylpropane	[Propane, 2,2-dimethyl-]	463-82-1	1	
2-Butene		107-01-7	1	
2-Butene-cis		590-18-1	1	
2-Butene-trans	[2-Butene, (E)]	624-64-6	1	
2-Chloropropylene	[1-Propene, 2-chloro-]	557-98-2	1	
2-Methyl-1-butene		563-46-2	1	
2-Methylpropene	[1-Propene, 2-methyl-]	115-11-7	1	
2-Pentene, (E)-		646-04-8	1	
2-Pentene, (Z)-		627-20-3	1	
3-Methyl-1-butene		563-45-1	1	
Acetaldehyde		75-07-0	1	
Acetylene	[Ethyne]	74-86-2	1	
Acrolein	[2-Propenal] or Acrylaldehyde	107-02-8	1	
Acrylonitrile	[2-Propenenitrile]	107-13-1	1	
Acrylyl chloride	[2-Propenoyl chloride]	814-68-6	1	
Allyl alcohol	[2-Propen-1-ol]	107-18-6	1	
Allylamine	[2-Propen-1-amine]	107-11-9	1	

Ammonia (anhydrous)		7664-41-7	1	
Arsenic trichloride	[Arsenous trichloride]	7784-34-1	1	
Boron trichloride	[Borane, trichloro-]	10294-34-5	1	
Boron trifluoride	[Borane, trifluoro-]	7637-07-2	1	
Boron trifluoride compound with methyl ether (1:1)	[Boron, trifluoro [oxybis (methane	353-42-4	1	
Bromine		7726-95-6	1	
Bromotrifluoroethylene	[Ethene, bromotrifluoro-]	598-73-2	1	
Butane		106-97-8	1	
Butene		25167-67-3	1	
Carbon disulfide		75-15-0	1	
Carbon oxysulfide	[Carbon oxide sulfide (COS); car	463-58-1	1	
Chlorine		7782-50-5	1	
Chlorine dioxide	[Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	1	
Chlorine monoxide	[Chlorine oxide]	7791-21-1	1	
Chloroform	[Methane, trichloro-]	67-66-3	1	
Chloromethyl ether	[Methane, oxybis(chloro-)]	542-88-1	1	
Chloromethyl methyl ether	[Methane, chloromethoxy-]	107-30-2	1	
Crotonaldehyde	[2-Butenal]	4170-30-3	1	
Crotonaldehyde, (E)-	[2-Butenal], (E)-]	123-73-9	1	
Cyanogen	[Ethanedinitrile]	460-19-5	1	
Cyanogen chloride		506-77-4	1	
Cyclohexylamine	[Cyclohexanamine]	108-91-8	1	
Cyclopropane		75-19-4	1	
Diborane		19287-45-7	1	
Dichlorosilane	[Silane, dichloro-]	4109-96-0	1	
Difluoroethane	[Ethane, 1,1-difluoro-]	75-37-6	1	
Dimethylamine	[Methanamine, N-methyl-]	124-40-3	1	
Dimethyldichlorosilane	[Silane, dichlorodimethyl-]	75-78-5	1	
Epichlorohydrin	[Oxirane, (chloromethyl)-]	106-89-8	1	
Ethane		74-84-0	1	
Ethyl acetylene	[1-Butyne]	107-00-6	1	
Ethyl chloride	[Ethane, chloro-]	75-00-3	1	
Ethyl ether	[Ethane, 1,1-oxybis-]	60-29-7	1	
Ethyl mercaptan	[Ethanethiol]	75-08-1	1	
Ethyl nitrite	[Nitrous acid, ethyl ester]	109-95-5	1	
Ethylamine	[Ethanamine]	75-04-7	1	
Ethylene	[Ethene]	74-85-1	1	
Ethylene oxide	[Oxirane]	75-21-8	1	
Ethylenediamine	[1,2-Ethanediamine]	107-15-3	1	

Ethyleneimine	[Aziridine]	151-56-4	1	
Fluorine		7782-41-4	1	
Formaldehyde (solution)		50-00-0	1	
Furan		110-00-9	1	
Hydrazine		302-01-2	1	
Hydrocyanic acid		74-90-8	1	
Hydrogen		1333-74-0	1	
Hydrogen fluoride (anhydrous)		7664-39-3	1	
Hydrogen sulfide		7783-06-4	1	
Iron, pentacarbonyl-	[Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-1	13463-40-6	1	
Isobutane	[Propane, 2-methyl]	75-28-5	1	
Isobutyronitrile	[Propanenitrile, 2-methyl-]	78-82-0	1	
Isopentane	[Butane, 2-methyl-]	78-78-4	1	
Isoprene	[1,3-Butadiene, 2-methyl-]	78-79-5	1	
Isopropyl chloride	[Propane, 2-chloro-]	75-29-6	1	
Isopropyl chloroformate	[Carbonochloridic acid, 1-methyl	108-23-6	1	
Isopropylamine	[2-Propanamine]	75-31-0	1	
Methacrylonitrile	[2-Propenenitrile, 2-methyl-]	126-98-7	1	
Methane		74-82-8	1	
Methyl chloride	[Methane, chloro-]	74-87-3	1	
Methyl chloroformate	[Carbonochloridic acid, methyl es	79-22-1	1	
Methyl ether	[Methane, oxybis-]	115-10-6	1	
Methyl formate	[Formic acid Methyl ester]	107-31-3	1	
Methyl hydrazine	[Hydrazine, methyl-]	60-34-4	1	
Methyl isocyanate	[Methane, isocyanato-]	624-83-9	1	
Methyl mercaptan	[Methanethiol]	74-93-1	1	
Methyl thiocyanate	[Thiocyanic acid, methyl ester]	556-64-9	1	
Methylamine	[Methanamine]	74-89-5	1	
Methyltrichlorosilane	[Silane, trichloromethyl-]	75-79-6	1	
Nickel Carbonyl		13463-39-3	1	
Nitric oxide	[Nitrogen oxide (NO)]	10102-43-9	1	
Oleum (Fuming Sulfuric acid)	[Sulfuric acid, mixture with sulfur	8014-95-7	1	
Pentane		109-66-0	1	
Peracetic acid	[Ethaneperoxic acid]	79-21-0	1	
Perchloromethylmercaptan	[Methanesulphenyl chloride, trichlo	594-42-3	1	
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3	1	
Phosphorus trichloride		7719-12-2	1	
Piperidine		110-89-4	1	
Propadiene	[1,2-Propadiene]	463-49-0	1	

Propane		74-98-6	1	
Propionitrile	[Propanenitrile]	107-12-0	1	
Propyl chloroformate	[Carbonchloridic acid, propyleste]	109-61-5	1	
Propylene	[1-Propene]	115-07-1	1	
Propylene oxide	[Oxirane, methyl-]	75-56-9	1	
Propyleneimine	[Aziridine, 2-methyl-]	75-55-8	1	
Propyne	[1-Propyne]	74-99-7	1	
Silane		7803-62-5	1	
Sulfur dioxide (anhydrous)		7446-09-5	1	
Sulfur tetrafluoride	[Sulfur fluoride (SF4), (T-4)-]	7783-60-0	1	
Sulfur trioxide		7446-11-9	1	
Tetrafluoroethylene	[Ethene, tetrafluoro-]	116-14-3	1	
Tetramethyllead	[Plumbane, tetramethyl-]	75-74-1	1	
Tetramethylsilane	[Silane, tetramethyl-]	75-76-3	1	
Tetranitromethane	[Methane, tetranitro-]	509-14-8	1	
Titanium tetrachloride	[Titanium chloride (TiCl4) (T-4)-]	7550-45-0	1	
Trifluorochloroethylene	[Ethene, chlorotrifluoro]	79-38-9	1	
Trimethylamine	[Methanamine, N,N-dimethyl-]	75-50-3	1	
Vinyl acetate monomer	[Acetic acid ethenyl ester]	108-05-4	1	
Vinyl acetylene	[1-Buten-3-yne]	689-97-4	1	
Vinyl chloride	[Ethene, chloro-]	75-01-4	1	
Vinyl ethyl ether	[Ethene, ethoxy-]	109-92-2	1	
Vinyl fluoride	[Ethene, fluoro-]	75-02-5	1	
Vinyl methyl ether	[Ethene, methoxy-]	107-25-5	1	
Vinylidene chloride	[Ethene, 1,1-dichloro-]	75-35-4	1	
Vinylidene fluoride	[Ethene, 1,1-difluoro-]	75-38-7	1	
Nitrosyl chloride		2696-92-6	1.17	
Selenium hexafluoride		7783-79-1	1.67	
Germanium tetrafluoride		7783-58-6	2.11	
Dinitrogen tetroxide		10544-72-6	3.8	
Nitrogen trioxide		10544-73-7	3.83	
Chlorine pentafluoride		13637-63-3	4.07	
Hydrogen cyanide	[Hydrocyanic acid]	74-90-8	4.67	
Bromine trifluoride		7787-71-5	6	
Trifluoroacetyl chloride		354-32-5	6.93	
Tungsten hexafluoride		7783-82-6	7.1	
Bromine chloride		13863-41-7	9.67	
Chlorine trifluoride		7790-91-2	9.97	
Carbonyl fluoride		353-50-4	12	

Boron tribromide		10294-33-4	12.67	
Silicon tetrafluoride		7783-61-1	15	
Hexafluoroacetone		684-16-2	15.67	
Ammonia (conc. 20% or greater)		7664-41-7	20	
Methylchlorosilane		993-00-0	20	
Germane		7782-65-2	20.73	
Perchloryl fluoride		7616-94-6	25.67	
Diethyl methylphosphonite		15715-41-0	30	
Ethylphosphonothioic dichloride		993-43-1	30	
Isopropylphosphonothioic dichloride		1498-60-8	30	
Methylphosphonothioic dichloride		676-98-2	30	
N,N-(2-diethylamino)ethanethiol		100-38-9	30	
N,N-(2-diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)-aminoetha	5842-07-9	30	
N,N-(2-dimethylamino)ethanethiol		108-02-1	30	
N,N-(2-dipropylamino)ethanethiol		5842-06-8	30	
N,N-Diethyl phosphoramidic dichloride		1498-54-0	30	
N,N-Diisopropyl phosphoramidic dichloride		23306-80-1	30	
N,N-Dimethyl phosphoramidic dichloride	[Dimethylphosphoramido-dichloro	677-43-0	30	
N,N-Dipropyl phosphoramidic dichloride		40881-98-9	30	
Nitrogen mustard hydrochloride	[Bis(2-chloroethyl)methylamine h	55-86-7	30	
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate		78-53-5	30	
Propylphosphonothioic dichloride		2524-01-8	30	
Thiodiglycol	[Bis(2-hydroxyethyl)sulfide]	111-48-8	30	
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]		6484-52-2	33	
Hexaethyl tetraphosphate and compressed gas mixtures		757-58-4	33.37	
Hydrogen peroxide (concentration of at least 35%)		7722-84-1	35	
Hydrochloric acid (conc. 37% or greater)		7647-01-0	37	
Hydrofluoric acid (conc. 50% or greater)		7664-39-3	50	
Carbonyl sulfide		463-58-1	56.67	
Nitric acid		7697-37-2	68	
Ethyldiethanolamine		139-87-7	80	
MDEA	[Methyldiethanolamine]	105-59-9	80	
Triethanolamine		102-71-6	80	
Triethanolamine hydrochloride		637-39-8	80	
Triethyl phosphite		122-52-1	80	
Trimethyl phosphite		121-45-9	80	
Hydrogen bromide (anhydrous)		10035-10-6	95.33	

Hydrogen iodide, anhydrous		10034-85-2	95.33	
Hydrogen chloride (anhydrous)		7647-01-0	1 or ACG	
1H-Tetrazole		288-94-8	ACG	
5-Nitrobenzotriazol		2338-12-7	ACG	
Aluminum (powder)		7429-90-5	ACG	
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]		6484-52-2	ACG	
Ammonium perchlorate		7790-98-9	ACG	
Ammonium picrate		131-74-8	ACG	
Barium azide		18810-58-7	ACG	
Diazodinitrophenol		87-31-0	ACG	
Diethyleneglycol dinitrate		693-21-0	ACG	
Dingu	[Dinitroglucuril]	55510-04-8	ACG	
Dinitrophenol		25550-58-7	ACG	
Dinitroresorcinol		519-44-8	ACG	
Dipicryl sulfide		2217-06-3	ACG	
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7	ACG	
Guanyl nitrosaminoguanylidene hydrazine			ACG	
Hexanitrostilbene		20062-22-0	ACG	
Hexolite	[Hexotol]	121-82-4	ACG	
HMX	[Cyclotetramethylene-tetranitram]	2691-41-0	ACG	
Lead azide		13424-46-9	ACG	
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0	ACG	
Magnesium (powder)		7439-95-4	ACG	
Mercury fulminate		628-86-4	ACG	
Nitrobenzene		98-95-3	ACG	
Nitrocellulose		9004-70-0	ACG	
Nitroglycerine		55-63-0	ACG	
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4	ACG	
Nitromethane		75-52-5	ACG	
Nitrostarch		9056-38-6	ACG	
Nitrotriazolone		932-64-9	ACG	
Octolite		57607-37-1	ACG	
Octonal		78413-87-3	ACG	
Pentolite		8066-33-9	ACG	
PETN	[Pentaerythritol tetranitrate]	78-11-5	ACG	
Phosphorus		7723-14-0	ACG	

Picrite	[Nitroguanidine]	556-88-7	ACG	
Potassium chlorate		3811-04-9	ACG	
Potassium nitrate		7757-79-1	ACG	
Potassium perchlorate		7778-74-7	ACG	
Potassium permanganate		7722-64-7	ACG	
RDX	[Cyclotrimethylenetrinitramine]	121-82-4	ACG	
RDX and HMX mixtures		121-82-4	ACG	
Sodium azide		26628-22-8	ACG	
Sodium chlorate		7775-09-9	ACG	
Sodium nitrate		7631-99-4	ACG	
Tetranitroaniline		53014-37-2	ACG	
Tetrazene	[Guanyl nitrosaminoguanyltetrazol	109-27-3	ACG	
TNT	[Trinitrotoluene]	118-96-7	ACG	
Torpex	[Hexotonal]	67713-16-0	ACG	
Trinitroaniline		26952-42-1	ACG	
Trinitroanisole		606-35-9	ACG	
Trinitrobenzene		99-35-4	ACG	
Trinitrobenzenesulfonic acid		2508-19-2	ACG	
Trinitrobenzoic acid		129-66-8	ACG	
Trinitrochlorobenzene		88-88-0	ACG	
Trinitrofluorenone		129-79-3	ACG	
Trinitro-meta-cresol		602-99-3	ACG	
Trinitronaphthalene		55810-17-8	ACG	
Trinitrophenetole		4732-14-3	ACG	
Trinitrophenol		88-89-1	ACG	
Trinitroresorcinol		82-71-3	ACG	
Tritonal		54413-15-9	ACG	
1,3-Bis(2-chloroethylthio)-n-propane		63905-10-2	any quantity	
1,4-Bis(2-chloroethylthio)-n-butane		142868-93-7	any quantity	
1,5-Bis(2-chloroethylthio)-n-pentane		142868-94-8	any quantity	
2-Chloroethylchloro-methylsulfide		2625-76-5	any quantity	
Bis(2-chloroethylthio)methane		63869-13-6	any quantity	
Bis(2-chloroethylthiomethyl)ether		63918-90-1	any quantity	
Chlorosarin	[o-Isopropyl methylphosphonoch	1445-76-7	any quantity	
Chlorosoman	[o-Pinacolyl methylphosphonoch	7040-57-5	any quantity	
DF	Methyl phosphonyl difluoride	676-99-3	any quantity	
Ethyl phosphonyl difluoride		753-98-0	any quantity	
HN1 (nitrogen mustard-1)	[Bis(2-chloroethyl)ethylamine]	538-07-8	any quantity	
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	51-75-2	any quantity	

HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	555-77-1	any quantity	
Isopropylphosphonyl difluoride		677-42-9	any quantity	
Lewisite 1	[2-Chlorovinyl)dichloroarsine]	541-25-3	any quantity	
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8	any quantity	
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1	any quantity	
O-Mustard (T)	[Bis(2-chloroethylthioethyl)ether]	63918-89-8	any quantity	
Propylphosphonyl difluoride		690-14-2	any quantity	
QL	[o-Ethyl-o-2-diisopropylaminoeth]	57856-11-8	any quantity	
Sarin	[o-Isopropyl methylphosphonoflu]	107-44-8	any quantity	
Sesquimustard	[1,2-Bis(2-chloroethylthio)ethane]	3563-36-8	any quantity	
Soman	[o-Pinacolyl methylphosphonoflu]	96-64-0	any quantity	
Sulfur mustard (Mustard gas (H))	[Bis(2-chloroethyl)sulfide]	505-60-2	any quantity	
Tabun	[o-Ethyl-N,N-dimethylphosphorar]	77-81-6	any quantity	
VX	[o-Ethyl-S-2-diisopropylaminoeth]	50782-69-9	any quantity	