

Chemical Of Interest	Synonym	CAS	Yes	No	Kilo	Liters	Lbs	Gal
Acetaldehyde		75-07-0		x				
Acetone cyanohydrin, stabilized		75-86-5		x				
Acetyl bromide		506-96-7		x				
Acetyl chloride		75-36-5		x				
Acetyl iodide		507-02-8		x				
Acetylene	[Ethyne]	74-86-2		x				
Acrolein	[2-Propenal] or Acrylaldehyde	107-02-8		x				
Acrylonitrile	[2-Propenenitrile]	107-13-1		x				
Acrylyl chloride	[2-Propenoyl chloride]	814-68-6		x				
Allyl alcohol	[2-Propen-1-ol]	107-18-6		x				
Allylamine	[2-Propen-1-amine]	107-11-9		x				
Allyltrichlorosilane, stabilized		107-37-9		x				
Aluminum (powder)		7429-90-5		x				
Aluminum bromide, anhydrous		7727-15-3		x				
Aluminum chloride, anhydrous		7446-70-0		x				
Aluminum phosphide		20859-73-8		x				
Ammonia (anhydrous)		7664-41-7		x				
Ammonia (conc. 20% or greater)		7664-41-7		x				
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substances]		6484-52-2		x				
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]		6484-52-2		x				
Ammonium perchlorate		7790-98-9		x				
Ammonium picrate		131-74-8		x				
Amyltrichlorosilane		107-72-2		x				
Antimony pentafluoride		7783-70-2		x				
Arsenic trichloride	[Arsenous trichloride]	7784-34-1		x				
Arsine		7784-42-1		x				
Barium azide		18810-58-7		x				
1,4-Bis(2-chloroethylthio)-n-butane		142868-93-7		x				
Bis(2-chloroethylthio)methane		63869-13-6		x				
Bis(2-chloroethylthiomethyl)ether		63918-90-1		x				
1,5-Bis(2-chloroethylthio)-n-pentane		142868-94-8		x				
1,3-Bis(2-chloroethylthio)-n-propane		63905-10-2		x				
Boron tribromide		10294-33-4		x				
Boron trichloride	[Borane, trichloro]	10294-34-5		x				

Boron trifluoride	[Borane, trifluoro]	7637-07-2		x				
Boron trifluoride compound with methyl ether (1:1)	[Boron, trifluoro [oxybis (methane)], T-4-]	353-42-4		x				
Bromine		7726-95-6		x				
Bromine chloride		13863-41-7		x				
Bromine pentafluoride		7789-30-2		x				
Bromine trifluoride		7787-71-5		x				
Bromotrifluorethylene	[Ethene, bromotrifluoro-]	598-73-2		x				
1,3-Butadiene		106-99-0		x				
Butane		106-97-8		x				
Butene		25167-67-3		x				
1-Butene		106-98-9		x				
2-Butene		107-01-7		x				
2-Butene-cis		590-18-1		x				
2-Butene-trans	[2-Butene, (E)]	624-64-6		x				
Butyltrichlorosilane		7521-80-4		x				
Calcium hydrosulfite	[Calcium dithionite]	15512-36-4		x				
Calcium phosphide		1305-99-3		x				
Carbon disulfide		75-15-0		x				
Carbon oxysulfide	[Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1		x				
Carbonyl fluoride		353-50-4		x				
Carbonyl sulfide		463-58-1		x				
Chlorine		7782-50-5		x				
Chlorine dioxide	[Chlorine oxide, (ClO ₂)]	10049-04-4		x				
Chlorine monoxide	[Chlorine oxide]	7791-21-1		x				
Chlorine pentafluoride		13637-63-3		x				
Chlorine trifluoride		7790-91-2		x				
Chloroacetyl chloride		79-04-9		x				
2-Chloroethylchloro-methylsulfide		2625-76-5		x				
Chloroform	[Methane, trichloro-]	67-66-3		x				
Chloromethyl ether	[Methane, oxybis(chloro-)]	542-88-1		x				
Chloromethyl methyl ether	[Methane, chloromethoxy-]	107-30-2		x				
1-Chloropropylene	[1-Propene, 1-chloro-]	590-21-6		x				
2-Chloropropylene	[1-Propene, 2-chloro-]	557-98-2		x				
Chlorosarin	[o-Isopropyl methylphosphonochloridate]	1445-76-7		x				
Chlorosoman	[o-Pinacoyl methylphosphonochloridate]	7040-57-5		x				
Chlorosulfonic acid		7790-94-5		x				

Chromium oxychloride		14977-61-8		x				
Crotonaldehyde	[2-Butenal]	4170-30-3		x				
Crotonaldehyde, (E)-	[2-Butenal], (E)-]	123-73-9		x				
Cyanogen	[Ethanedinitrile]	460-19-5		x				
Cyanogen chloride		506-77-4		x				
Cyclohexylamine	[Cyclohexanamine]	108-91-8		x				
Cyclohexyltrichlorosilane		98-12-4		x				
Cyclopropane		75-19-4		x				
DF	Methyl phosphonyl difluoride	676-99-3		x				
Diazodinitrophenol		87-31-0		x				
Diborane		19287-45-7		x				
Dichlorosilane	[Silane, dichloro-]	4109-96-0		x				
N,N-(2-diethylamino)ethanethiol		100-38-9		x				
Diethyldichlorosilane		1719-53-5		x				
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate		78-53-5		x				
Diethyleneglycol dinitrate		693-21-0		x				
Diethyl methylphosphonite		15715-41-0		x				
N,N-Diethyl phosphoramidic dichloride		1498-54-0		x				
N,N-(2-diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)-aminoethane thiol	5842-07-9		x				
Difluoroethane	[Ethane, 1,1-difluoro-]	75-37-6		x				
N,N-Diisopropyl phosphoramidic dichloride		23306-80-1		x				
1,1-Dimethylhydrazine	[Hydrazine, 1, 1-dimethyl-]	57-14-7		x				
Dimethylamine	[Methanamine, N-methyl-]	124-40-3		x				
N,N-(2-dimethylamino)ethanethiol		108-02-1		x				
Dimethyldichlorosilane	[Silane, dichlorodimethyl-]	75-78-5		x				
N,N-Dimethyl phosphoramidic dichloride	[Dimethylphosphoramido-dichloridate]	677-43-0		x				
2,2-Dimethylpropane	[Propane, 2,2-dimethyl-]	463-82-1		x				
Dingu	[Dinitroglycoluril]	55510-04-8		x				
Dinitrogen tetroxide		10544-72-6		x				
Dinitrophenol		25550-58-7		x				
Dinitroresorcinol		519-44-8		x				
Diphenyldichlorosilane		80-10-4		x				
Dipicryl sulfide		2217-06-3		x				
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7		x				
N,N-(2-dipropylamino)ethanethiol		5842-06-8		x				
N,N-Dipropyl phosphoramidic dichloride		40881-98-9		x				
Dodecyltrichlorosilane		4484-72-4		x				

Epichlorohydrin	[Oxirane, (chloromethyl)-]	106-89-8		x				
Ethane		74-84-0		x				
Ethyl acetylene	[1-Butyne]	107-00-6		x				
Ethyl chloride	[Ethane, chloro-]	75-00-3		x				
Ethyl ether	[Ethane, 1,1-oxybis-]	60-29-7		x				
Ethyl mercaptan	[Ethanethiol]	75-08-1		x				
Ethyl nitrite	[Nitrous acid, ethyl ester]	109-95-5		x				
Ethyl phosphonyl difluoride		753-98-0		x				
Ethylamine	[Ethanamine]	75-04-7		x				
Ethyldiethanolamine		139-87-7		x				
Ethylene	[Ethene]	74-85-1		x				
Ethylene oxide	[Oxirane]	75-21-8		x				
Ethylenediamine	[1,2-Ethanediamine]	107-15-3		x				
Ethyleneimine	[Aziridine]	151-56-4		x				
Ethylphosphonothioic dichloride		993-43-1		x				
Ethyltrichlorosilane		115-21-9		x				
Fluorine		7782-41-4		x				
Fluorosulfonic acid		7789-21-1		x				
Formaldehyde (solution)		50-00-0		x				
Furan		110-00-9		x				
Germane		7782-65-2		x				
Germanium tetrafluoride		7783-58-6		x				
Guanyl nitrosaminoguanylidene hydrazine				x				
Hexaethyl tetraphosphate and compressed gas mixtures		757-58-4		x				
Hexafluoroacetone		684-16-2		x				
Hexanitrostilbene		20062-22-0		x				
Hexolite	[Hexoto]	121-82-4		x				
Hexyltrichlorosilane		928-65-4		x				
HMX	[Cyclotetramethylene-tetranitramine]	2691-41-0		x				
HN1 (nitrogen mustard-1)	[Bis(2-chloroethyl)ethylamine]	538-07-8		x				
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	51-75-2		x				
HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	555-77-1		x				
Hydrazine		302-01-2		x				
Hydrochloric acid (conc. 37% or greater)		7647-01-0		x				
Hydrocyanic acid		74-90-8		x				
Hydrofluoric acid (conc. 50% or greater)		7664-39-3		x				

Hydrogen		1333-74-0		x				
Hydrogen bromide (anhydrous)		10035-10-6		x				
Hydrogen chloride (anhydrous)		7647-01-0		x				
Hydrogen cyanide	[Hydrocyanic acid]	74-90-8		x				
Hydrogen fluoride (anhydrous)		7664-39-3		x				
Hydrogen iodide, anhydrous		10034-85-2		x				
Hydrogen peroxide (concentration of at least 35%)		7722-84-1		x				
Hydrogen selenide		7783-07-5		x				
Hydrogen sulfide		7783-06-4		x				
Iodine pentafluoride		7783-66-6		x				
Iron, pentacarbonyl-	[Iron carbonyl (Fe (CO) ₅), (TB5-11)-]	13463-40-6		x				
Isobutane	[Propane, 2-methyl]	75-28-5		x				
Isobutyronitrile	[Propanenitrile, 2-methyl-]	78-82-0		x				
Isopentane	[Butane, 2-methyl-]	78-78-4		x				
Isoprene	[1,3-Butadiene, 2-methyl-]	78-79-5		x				
Isopropyl chloride	[Propane, 2-chloro-]	75-29-6		x				
Isopropyl chloroformate	[Carbonochloridic acid, 1-methylethyl ester]	108-23-6		x				
Isopropylamine	[2-Propanamine]	75-31-0		x				
Isopropylphosphonothioic dichloride		1498-60-8		x				
Isopropylphosphonyl difluoride		677-42-9		x				
Lead azide		13424-46-9		x				
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0		x				
Lewisite 1	[2-Chlorovinylchloroarsine]	541-25-3		x				
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8		x				
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1		x				
Lithium amide		7782-89-0		x				
Lithium nitride		26134-62-3		x				
Magnesium (powder)		7439-95-4		x				
Magnesium diamide		7803-54-5		x				
Magnesium phosphide		12057-74-8		x				
MDEA	[Methyldiethanolamine]	105-59-9		x				
Mercury fulminate		628-86-4		x				
Methacrylonitrile	[2-Propenenitrile, 2-methyl-]	126-98-7		x				
Methane		74-82-8		x				
2-Methyl-1-butene		563-46-2		x				
3-Methyl-1-butene		563-45-1		x				
Methyl chloride	[Methane, chloro-]	74-87-3		x				

Methyl chloroformate	[Carbonochloridic acid, methyl ester]	79-22-1		x				
Methyl ether	[Methane, oxybis-]	115-10-6		x				
Methyl formate	[Formic acid Methyl ester]	107-31-3		x				
Methyl hydrazine	[Hydrazine, methyl-]	60-34-4		x				
Methyl isocyanate	[Methane, isocyanato-]	624-83-9		x				
Methyl mercaptan	[Methanethiol]	74-93-1		x				
Methyl thiocyanate	[Thiocyanic acid, methyl ester]	556-64-9		x				
Methylamine	[Methanamine]	74-89-5		x				
Methylchlorosilane		993-00-0		x				
Methyldichlorosilane		75-54-7		x				
Methylphenyldichlorosilane		149-74-6		x				
Methylphosphonothioic dichloride		676-98-2		x				
2-Methylpropene	[1-Propene, 2-methyl-]	115-11-7		x				
Methyltrichlorosilane	[Silane, trichloromethyl-]	75-79-6		x				
Sulfur mustard (Mustard gas (H))	[Bis(2-chloroethyl)sulfide]	505-60-2		x				
O-Mustard (T)	[Bis(2-chloroethylthioethyl)ether]	63918-89-8		x				
Nickel Carbonyl		13463-39-3		x				
Nitric acid		7697-37-2		x				
Nitric oxide	[Nitrogen oxide (NO)]	10102-43-9		x				
Nitrobenzene		98-95-3		x				
5-Nitrobenzotriazol		2338-12-7		x				
Nitrocellulose		9004-70-0		x				
Nitrogen mustard hydrochloride	[Bis(2-chloroethyl)methylamine hydrochloride]	55-86-7		x				
Nitrogen trioxide		10544-73-7		x				
Nitroglycerine		55-63-0		x				
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4		x				
Nitromethane		75-52-5		x				
Nitrostarch		9056-38-6		x				
Nitrosyl chloride		2696-92-6		x				
Nitrotriazolone		932-64-9		x				
Nonyltrichlorosilane		5283-67-0		x				
Octadecyltrichlorosilane		112-04-9		x				
Octolite		57607-37-1		x				
Octonal		78413-87-3		x				
Octyltrichlorosilane		5283-66-9		x				
Oleum (Fuming Sulfuric acid)	[Sulfuric acid, mixture with sulfur trioxide]	8014-95-7		x				

Oxygen difluoride		7783-41-7		x				
1,3-Pentadiene		504-60-9		x				
Pentane		109-66-0		x				
1- Pentene		109-67-1		x				
2-Pentene, (E)-		646-04-8		x				
2-Pentene, (Z)-		627-20-3		x				
Pentolite		8066-33-9		x				
Peracetic acid	[Ethaneperoxic acid]	79-21-0		x				
Perchloromethylmercaptan	[Methanesulfonyl chloride, trichloro-]	594-42-3		x				
Perchloryl fluoride		7616-94-6		x				
PETN	[Pentaerythritol tetranitrate]	78-11-5		x				
Phenyltrichlorosilane		98-13-5		x				
Phosgene	[Carbonic dichloride] or [carbonyldichloride]	75-44-5		x				
Phosphine		7803-51-2		x				
Phosphorus		7723-14-0		x				
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3		x				
Phosphorus pentabromide		7789-69-7		x				
Phosphorus pentachloride		10026-13-8		x				
Phosphorus pentasulfide		1314-80-3		x				
Phosphorus trichloride		7719-12-2		x				
Picrite	[Nitroguanidine]	556-88-7		x				
Piperidine		110-89-4		x				
Potassium chlorate		3811-04-9		x				
Potassium cyanide		151-50-8		x				
Potassium nitrate		7757-79-1		x				
Potassium perchlorate		7778-74-7		x				
Potassium permanganate		7722-64-7		x				
Potassium phosphide		20770-41-6		x				
Propadiene	[1,2-Propadiene]	463-49-0		x				
Propane		74-98-6		x				
Propionitrile	[Propanenitrile]	107-12-0		x				
Propyl chloroformate	[Carbonchloridic acid, propylester]	109-61-5		x				
Propylene	[1-Propene]	115-07-1		x				
Propylene oxide	[Oxirane, methyl-]	75-56-9		x				
Propyleneimine	[Aziridine, 2-methyl-]	75-55-8		x				
Propylphosphonothioic dichloride		2524-01-8		x				
Propylphosphonyl difluoride		690-14-2		x				

Propyltrichlorosilane		141-57-1		x				
Propyne	[1-Propyne]	74-99-7		x				
QL	[o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8		x				
RDX	[Cyclotrimethylenetrinitramine]	121-82-4		x				
RDX and HMX mixtures		121-82-4		x				
Sarin	[o-Isopropyl methylphosphonofluoridate]	107-44-8		x				
Selenium hexafluoride		7783-79-1		x				
Sesquimustard	[1,2-Bis(2-chloroethylthio)ethane]	3563-36-8		x				
Silane		7803-62-5		x				
Silicon tetrachloride		10026-04-7		x				
Silicon tetrafluoride		7783-61-1		x				
Sodium azide		26628-22-8		x				
Sodium chlorate		7775-09-9		x				
Sodium cyanide		143-33-9		x				
Sodium hydrosulfite	[Sodium dithionite]	7775-14-6		x				
Sodium nitrate		7631-99-4		x				
Sodium phosphide		12058-85-4		x				
Soman	[o-Pinacolyl methylphosphonofluoridate]	96-64-0		x				
Stibine		7803-52-3		x				
Strontium phosphide		12504-16-4		x				
Sulfur dioxide (anhydrous)		7446-09-5		x				
Sulfur tetrafluoride	[Sulfur fluoride (SF4), (T-4)-]	7783-60-0		x				
Sulfur trioxide		7446-11-9		x				
Sulfuryl chloride		7791-25-5		x				
Tabun	[o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	77-81-6		x				
Tellurium hexafluoride		7783-80-4		x				
Tetrafluoroethylene	[Ethene, tetrafluoro-]	116-14-3		x				
Tetramethyllead	[Plumbane, tetramethyl-]	75-74-1		x				
Tetramethylsilane	[Silane, tetramethyl-]	75-76-3		x				
Tetranitroaniline		53014-37-2		x				
Tetranitromethane	[Methane, tetranitro-]	509-14-8		x				
Tetrazene	[Guanyl nitrosaminoguanyltetrazene]	109-27-3		x				
1H-Tetrazole		288-94-8		x				
Thiodiglycol	[Bis(2-hydroxyethyl)sulfide]	111-48-8		x				
Thionyl chloride		7719-09-7		x				

Titanium tetrachloride	[Titanium chloride (TiCl ₄) (T-4)-]	7550-45-0		x				
TNT	[Trinitrotoluene]	118-96-7		x				
Torpex	[Hexotonal]	67713-16-0		x				
Trichlorosilane	[Silane, trichloro-]	10025-78-2		x				
Triethanolamine		102-71-6		x				
Triethanolamine hydrochloride		637-39-8		x				
Triethyl phosphite		122-52-1		x				
Trifluoroacetyl chloride		354-32-5		x				
Trifluorochloroethylene	[Ethene, chlorotrifluoro]	79-38-9		x				
Trimethylamine	[Methanamine, N,N-dimethyl-]	75-50-3		x				
Trimethylchlorosilane	[Silane, chlorotrimethyl-]	75-77-4		x				
Trimethyl phosphite		121-45-9		x				
Trinitroaniline		26952-42-1		x				
Trinitroanisole		606-35-9		x				
Trinitrobenzene		99-35-4		x				
Trinitrobenzenesulfonic acid		2508-19-2		x				
Trinitrobenzoic acid		129-66-8		x				
Trinitrochlorobenzene		88-88-0		x				
Trinitrofluorenone		129-79-3		x				
Trinitro-meta-cresol		602-99-3		x				
Trinitronaphthalene		55810-17-8		x				
Trinitrophenetole		4732-14-3		x				
Trinitrophenol		88-89-1		x				
Trinitroresorcinol		82-71-3		x				
Tritonal		54413-15-9		x				
Tungsten hexafluoride		7783-82-6		x				
Vinyl acetate monomer	[Acetic acid ethenyl ester]	108-05-4		x				
Vinyl acetylene	[1-Buten-3-yne]	689-97-4		x				
Vinyl chloride	[Ethene, chloro-]	75-01-4		x				
Vinyl ethyl ether	[Ethene, ethoxy-]	109-92-2		x				
Vinyl fluoride	[Ethene, fluoro-]	75-02-5		x				
Vinyl methyl ether	[Ethene, methoxy-]	107-25-5		x				
Vinylidene chloride	[Ethene, 1,1-dichloro-]	75-35-4		x				
Vinylidene fluoride	[Ethene, 1,1-difluoro-]	75-38-7		x				
Vinyltrichlorosilane		75-94-5		x				
VX	[o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		x				

Zinc hydrosulfite	[Zinc dithionite]	7779-86-4		x				
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