

## Chemicals Requiring EHS Approval Before Purchasing

<b>Chemical Name</b>	<b>CAS #</b>
1,3-Bis(2-chloroethylthio)-n-propane	63905-10-2
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7
1,5-Bis(2-chloroethylthio)-n-pentane	142868-94-8
1H-Tetrazole	288-94-8
2-chloroethyl ethylsulfide	693-07-2
2-Chloroethylchloro-methylsulfide	2625-76-5
2-Cyanoethyl diisopropylchlorophosphoramidite	89992-70-1
2-Ethoxyethanol	110-80-5
2-Ethoxyethylacetate	111-15-9
2-Methoxyethanol	109-86-4
2-Methoxyethylacetate	110-49-6
5-Nitrobenzotriazol	2338-12-7
Acetone cyanohydrin, stabilized	75-86-5
Acrolein	107-02-8
Acrylamide (powder)	79-06-1
Allylamine	107-11-9
Aluminum (powder)	7429-90-5
Aluminum phosphide	20859-73-8
Ammonia	7664-41-7
Ammonium nitrate	6484-52-2
Ammonium perchlorate	7790-98-9
Ammonium picrate	131-74-8
Arsenic	7440-38-2
Arsenic trichloride	7784-34-1
Arsenic trioxide	1327-53-3
Arsine	7784-42-1
Barium azide	18810-58-7
Beryllium	7440-41-7
Bis(2-chloroethylthio)methane	63869-13-6
Bis(2-chloroethylthiomethyl)ether	63918-90-1
Boron tribromide	10294-33-4
Boron trichloride	10294-34-5
Boron trifluoride	7637-07-2
Bromine	7726-95-6
Bromine chloride	13863-41-7
Bromine pentafluoride	7789-30-2
Bromine trifluoride	7787-71-5
Cadmium	7440-43-9
Calcium phosphide	1305-99-3
Carbon monoxide	630-08-0
Carbonyl fluoride	353-50-4
Carbonyl sulfide	463-58-1
Chlorine	7782-50-5
Chlorine dioxide	10049-04-4
Chlorine pentafluoride	13637-63-3
Chlorine trifluoride	7790-91-2

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Chloroacetyl chloride	79-04-9
Chlorosarin	1445-76-7
Chlorosoman	7040-57-5
Chlorosulfonic acid	7790-94-5
Chromium (VI)	7440-47-3
Cyanogen	460-19-5
Cyanogen chloride	506-77-4
Cycloheximide	66-81-9
DF	676-99-3
Diazodinitrophenol	87-31-0
Diborane	19287-45-7
Dichlorosilane	4109-96-0
Diethyl methylphosphonite	15715-41-0
Diethyleneglycol dinitrate	693-21-0
Dimethyl sulfate	77-78-1
Dimethylmercury	593-74-8
Dingu	55510-04-8
Dinitrogen tetroxide	10544-72-6
Dinitrophenol	25550-58-7
Dinitroresorcinol	519-44-8
Dipicryl sulfide	28930-30-5
Dipicrylamine (or Hexanitrodiphenylamine)	131-73-7
Ethyl phosphonyl difluoride	753-98-0
Ethyldiethanolamine (≥80%)	139-87-7
Ethylene dibromide	106-93-4
Ethylene oxide	75-21-8
Ethyleneimine	151-56-4
Ethylphosphonothioic dichloride	993-43-1
Fluorine	7782-41-4
Germane	7782-65-2
Germanium tetrafluoride	7783-58-6
Hexaethyl tetraphosphate	757-58-4
Hexafluoroacetone	684-16-2
Hexanitrostilbene	20062-22-0
Hexolite	121-82-4
HMX	2691-41-0
HN1 (nitrogen mustard-1)	538-07-8
HN2 (nitrogen mustard-2)	51-75-2
HN3 (nitrogen mustard-3)	555-77-1
Hydrogen	1333-74-0
Hydrogen bromide	10035-10-6
Hydrogen chloride	7647-01-0
Hydrogen cyanide	74-90-8
Hydrogen fluoride	7664-39-3
Hydrogen iodide	10034-85-2
Hydrogen Peroxide (≥35%)	7722-84-1
Hydrogen selenide	7783-07-5

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Hydrogen sulfide	7783-06-4
Isopropylphosphonothioic dichloride	1498-60-8
Isopropylphosphonyl difluoride	677-42-9
Lead azide	13424-46-9
Lead Nitrate	10099-74-8
Lead styphnate	15245-44-0
Lewisite 1	541-25-3
Lewisite 2	40334-69-8
Lewisite 3	40334-70-1
Lithium amide	7782-89-0
Lithium nitride	26134-62-3
Magnesium (powder)	7439-95-4
Magnesium phosphide	12057-74-8
MDEA (≥80%)	105-59-9
Mercury - metallic	7439-97-6
Mercury fulminate	628-86-4
Mercury(II) oxide red	21908-53-2
Methyl chloromethyl ether	107-30-2
Methyl mercaptan	74-93-1
Methylchlorosilane	993-00-0
Methyldichlorosilane	75-54-7
Methylhydrazine	60-34-4
Methylithium	917-54-4
Methylphosphonothioic dichloride	676-98-2
MPTP	28289-54-5
N,N-(2-diethylamino)ethanethiol	100-38-9
N,N-(2-diisopropylamino)ethanethiol	5842-07-9
N,N-(2-dimethylamino)ethanethiol	108-02-1
N,N-(2-dipropylamino)ethanethiol	5842-06-8
N,N-Diethyl phosphoramidic dichloride	1498-54-0
N,N-Diisopropyl phosphoramidic dichloride	23306-80-1
N,N-Dimethyl phosphoramidic dichloride	677-43-0
N,N-Dipropyl phosphoramidic dichloride	40881-98-9
N-butyllithium	109-72-8
Nickel carbonyl	13463-39-3
Nitric acid (≥68%)	7697-37-2
Nitric oxide	10102-43-9
Nitrobenzene	98-95-3
Nitrocellulose	9004-70-0
Nitrogen dioxide	10102-44-0
Nitrogen mustard hydrochloride	55-86-7
Nitrogen trioxide	10544-73-7
Nitroglycerine	55-63-0
Nitromannite	15825-70-4
Nitromethane	75-52-5
Nitrostarch	9056-38-6
Nitrosyl chloride	2696-92-6

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Nitrotriazolone	932-64-9
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate	78-53-5
Octolite	57607-37-1
Octonal	78413-87-3
O-Mustard (T)	63918-89-8
Osmium tetroxide	20816-12-0
Oxygen difluoride	7783-41-7
Pentaborane	19624-22-7
Pentolite	8066-33-9
Perchloryl fluoride	7616-94-6
PETN	78-11-5
Phenyllithium	591-51-5
Phosgene	75-44-5
Phosphine	7803-51-2
Phosphorus	7723-14-0
Phosphorus oxychloride	10025-87-3
Phosphorus pentasulfide	1314-80-3
Phosphorus trichloride	7719-12-2
Picric Acid	88-89-1
Picrite	556-88-7
Potassium chlorate	3811-04-9
Potassium cyanide	151-50-8
Potassium nitrate	7757-79-1
Potassium perchlorate	7778-74-7
Potassium permanganate	7722-64-7
Potassium phosphide	20770-41-6
Propylene Oxide	75-56-9
Propylphosphonothioic dichloride	2524-01-8
Propylphosphonyl difluoride	690-14-2
QL	57856-11-8
RDX	121-82-4
Sarin	107-44-8
s-butyllithium	598-30-1
Sodium nitrate	7631-99-4
Selenium hexafluoride	7783-79-1
Sesquimustard	3563-36-8
Silane	7803-62-5
Silicon tetrafluoride	7783-61-1
Sodium azide	26628-22-8
Sodium chlorate	7775-09-9
Sodium cyanide	143-33-9
Sodium phosphide	12058-85-4
Soman	96-64-0
Stibine	7803-52-3
Strontium phosphide	12504-16-4
Sulfur dioxide	7446-09-5
Sulfur mustard	505-60-2

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Sulfur tetrafluoride	7783-60-0
Tabun	77-81-6
T-butyllithium	594-19-4
Tellurium hexafluoride	7783-80-4
Tetraethyl lead	78-00-2
Tetramethyl lead	75-74-1
Tetranitroaniline	53014-37-2
Tetrazene	109-27-3
Thiodiglycol	111-48-8
Titanium tetrachloride	7550-45-0
TNT	118-96-7
Torpex	67713-16-0
Trichlorosilane	10025-78-2
Triethanolamine (≥80%)	102-71-6
Triethanolamine hydrochloride (≥80%)	637-39-8
Triethyl phosphite (≥80%)	122-52-1
Trifluoroacetyl chloride	354-32-5
Trifluorochloroethylene	79-38-9
Trimethyl phosphite (≥80%)	121-45-9
Trimethylsilyl diazomethane	18107-18-1
Trinitroaniline	26952-42-1
Trinitroanisole	606-35-9
Trinitrobenzene	99-35-4
Trinitrobenzenesulfonic acid	2508-19-2
Trinitrobenzoic acid	129-66-8
Trinitrochlorobenzene	88-88-0
Trinitrofluorenone	129-79-3
Trinitro-meta-cresol	602-99-3
Trinitronaphthalene	55810-17-8
Trinitrophenetole	4732-14-3
Trinitroresorcinol	82-71-3
Tritonal	54413-15-9
Tungsten hexafluoride	7783-82-6
VX	50782-69-9