

Chemicals of Interest Shortlist

Chemical Name (CAS number)

Hazardous Chemicals:

Aluminum (powder) (7429-90-5)
Arsenic trichloride (7784-34-1)
Boron tribromide (10294-33-4)
Boron trichloride (10294-34-5)
Boron trifluoride (7637-07-2)
Bromine chloride (13863-41-7)
Bromine trifluoride (7787-71-5)
Carbonyl fluoride (353-50-4)
Cyanogen (460-19-5)
Dichlorosilane (4109-96-0)
Diethyl methylphosphonite (15715-41-0)
Dinitrogen tetroxide (10544-72-6)
Ethyldiethanolamine (139-87-7)
Ethylphosphonothioic dichloride (993-43-1)
Hexafluoroacetone (684-16-2)
Hydrogen cyanide (74-90-8)
Hydrogen peroxide (7722-84-1)
Isopropylphosphonothioic dichloride (1498-60-8)
Magnesium powder (7439-95-4)
Methyldiethanclamine (MDEA) (105-59-9)
Methylchlorosilane (993-00-0)
Methylphosphonothioic dichloride (676-98-2)
Nitric acid (7697-37-2)
Nitrobenzene (98-95-3)
Nitrogen mustard hydrochloride (55-86-7)
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)
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate (78-53-5)
Phosphorus trichloride (7719-12-2)
Potassium phosphide (20770-41-6)

Hazardous Chemicals:

Propylphosphonothioic dichloride (2524-01-8)
Thiodiglycol (111-48-8)
Titanium tetrachloride (7550-45-0)
Triethanolamine (102-71-6)
Trifluoroacetyl chloride (354-32-5)

Hazardous Gases:

Arsine (7784-42-1)
Chlorine pentafluoride (13637-63-3)
Chlorine trifluoride (7790-91-2)
Cyanogen chloride (506-77-4)
Diborane (19287-45-7)
Fluorine (7782-41-4)
Germane (7782-65-2)
Germanium tetrafluoride (7783-58-6)
Hydrogen cyanide (74-90-8)
Hydrogen fluoride (anhydrous) (7664-39-3)
Hydrogen selenide (7783-07-5)
Hydrogen sulfide (7783-06-4)
Nitric oxide (10102-43-9)
Nitrogen trioxide (10544-73-7)
Nitrosyl chloride (2696-92-6)
Oxygen difluoride (7783-41-7)
Perchloryl fluoride (7616-94-6)
Phosgene (75-44-5)
Phosphine (7803-51-2)
Selenium hexafluoride (7783-79-1)
Silicon tetrafluoride (7783-61-1)
Stibine (7803-52-3)
Sulfur tetrafluoride (7783-60-0)
Tellurium hexafluoride (7783-80-4)
Tungsten hexafluoride (7783-82-6)

Chemical weapons or chemical weapon precursors:

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)
2-Chloroethylchloro-methylsulfide (2625-76-5)
Bis(2-chloroethylthio)methane (63869-13-6)
Bis(2-chloroethylthiomethyl)ether (63918-90-1)

Chemical weapons or chemical weapon precursors:

Chlorosarin (1445-76-7)
Chlorosoman (7040-57-5)
DF (676-99-3)
Ethyl phosphonyl difluoride (753-98-0)
HN1 (nitrogen mustard-1) (538-07-8)
HN2 (nitrogen mustard-2) (51-75-2)
HN3 (nitrogen mustard-3) (555-77-1)
Isopropylphosphonyl difluoride (677-42-9)
Lewisite 1 (541-25-3)
Lewisite 2 (40334-69-8)
Lewisite 3 (40334-70-1)
O-Mustard (T) (63918-89-8)
Propylphosphonyl difluoride (690-14-2)
QL (57856-11-8)
Sarin (107-44-8)
Sesquimustard (3563-36-8)
Soman (96-64-0)
Sulfur mustard (Mustard gas (H)) (505-60-2)
Tabun (77-81-6)
VX (50782-69-9)