

Homeland Security Chemicals of Interest

Chemical Of Interest	Synonym	CAS
Arsenic trichloride	[Arsenous trichloride]	7784-34-1
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-Chloroethylchloro-methylsulfide		2625-76-5
5-Nitrobenzotriazol		2338-12-7
Aluminum (powder)		7429-90-5
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance ca		6484-52-2
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]		6484-52-2
Ammonium perchlorate		7790-98-9
Ammonium picrate		131-74-8
Arsine		7784-42-1
Barium azide		18810-58-7
Bis(2-chloroethylthio)methane		63869-13-6
Bis(2-chloroethylthiomethyl)ether		63918-90-1
Boron tribromide		10294-33-4
Boron trichloride	[Borane, trichloro]	10294-34-5
Boron trifluoride	[Borane, trifluoro]	7637-07-2
Bromine chloride		13863-41-7
Bromine trifluoride		7787-71-5
Carbonyl fluoride		353-50-4
Carbonyl sulfide		463-58-1
Chlorine		7782-50-5
Chlorine pentafluoride		13637-63-3
Chlorine trifluoride		7790-91-2
Chlorosarin	[o-Isopropyl methylphosphonochloridate]	1445-76-7
Chlorosoman	[o-Pinacolyl methylphosphonochloridate]	7040-57-5
Cyanogen	[Ethanedinitrile]	460-19-5
Cyanogen chloride		506-77-4
DF	Methyl phosphonyl difluoride	676-99-3
Diazodinitrophenol		87-31-0
Diborane		19287-45-7
Dichlorosilane	[Silane, dichloro-]	4109-96-0
Diethyl methylphosphonite		15715-41-0
Diethyleneglycol dinitrate		693-21-0
Dingu	[Dinitroglycoluril]	55510-04-8
Dinitrogen tetroxide		10544-72-6
Dinitrophenol		25550-58-7
Dinitroresorcinol		519-44-8
Dipicryl sulfide		2217-06-3
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7
Ethyl phosphonyl difluoride		753-98-0
Ethyldiethanolamine		139-87-7
Ethylphosphonothioic dichloride		993-43-1
Fluorine		7782-41-4
Germane		7782-65-2
Germanium tetrafluoride		7783-58-6
Guanyl nitrosaminoguanilydene hydrazine		
Hexaethyl tetraphosphate and compressed gas mixtures		757-58-4
Hexafluoroacetone		684-16-2
Hexanitrostilbene		20062-22-0
Hexolite	[Hexoto]	121-82-4
HMX	[Cyclotetramethylene-tetranitramine]	2691-41-0
HN1 (nitrogen mustard-1)	[Bis(2-chloroethyl)ethylamine]	538-07-8
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	51-75-2
HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	555-77-1

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Hydrogen bromide (anhydrous)		10035-10-6
Hydrogen chloride (anhydrous)		7647-01-0
Hydrogen cyanide	[Hydrocyanic acid]	74-90-8
Hydrogen fluoride (anhydrous)		7664-39-3
Hydrogen iodide, anhydrous		10034-85-2
Hydrogen peroxide (concentration of at least 35%)		7722-84-1
Hydrogen selenide		7783-07-5
Hydrogen sulfide		7783-06-4
Isopropylphosphonothioic dichloride		1498-60-8
Isopropylphosphonyl difluoride		677-42-9
Lead azide		13424-46-9
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0
Lewisite 1	[2-Chlorovinylchloroarsine]	541-25-3
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1
Magnesium (powder)		7439-95-4
MDEA	[Methyldiethanolamine]	105-59-9
Mercury fulminate		628-86-4
Methyl mercaptan	[Methanethiol]	74-93-1
Methylchlorosilane		993-00-0
Methylphosphonothioic dichloride		676-98-2
N,N-(2-diethylamino)ethanethiol		100-38-9
N,N-(2-diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)-aminoethane thiol	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	[Dimethylphosphoramido-dichloridate]	677-43-0
N,N-Dipropyl phosphoramidic dichloride		40881-98-9
Nitric acid		7697-37-2
Nitric oxide	[Nitrogen oxide (NO)]	10102-43-9
Nitrobenzene		98-95-3
Nitrocellulose		9004-70-0
Nitrogen mustard hydrochloride	[Bis(2-chloroethyl)methylamine hydrochloride]	55-86-7
Nitrogen trioxide		10544-73-7
Nitroglycerine		55-63-0
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4
Nitromethane		75-52-5
Nitrostarch		9056-38-6
Nitrosyl chloride		2696-92-6
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)	[Bis(2-chloroethylthioethyl)ether]	63918-89-8
Oxygen difluoride		7783-41-7
Pentolite		8066-33-9
Perchloryl fluoride		7616-94-6
PETN	[Pentaerythritol tetranitrate]	78-11-5
Phosgene	[Carbonic dichloride] or [carbonyldichloride]	75-44-5
Phosphine		7803-51-2
Phosphorus		7723-14-0
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3
Phosphorus trichloride		7719-12-2
Picrite	[Nitroguanidine]	556-88-7
Potassium chlorate		3811-04-9
Potassium nitrate		7757-79-1
Potassium perchlorate		7778-74-7
Potassium permanganate		7722-64-7

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Propylphosphonothioic dichloride		2524-01-8
Propylphosphonyl difluoride		690-14-2
QL	[o-Ethyl-o-2-diisopropylaminoethyl methylphospho	57856-11-8
RDX	[Cyclotrimethylenetrinitramine]	121-82-4
RDX and HMX mixtures		121-82-4
Sarin	[o-Isopropyl methylphosphonofluoridate]	107-44-8
Selenium hexafluoride		7783-79-1
Sesquimustard	[1,2-Bis(2-chloroethylthio)ethane]	3563-36-8
Silicon tetrafluoride		7783-61-1
Sodium azide		26628-22-8
Sodium chlorate		7775-09-9
Sodium nitrate		7631-99-4
Soman	[o-Pinacolyl methylphosphonofluoridate]	96-64-0
Stibine		7803-52-3
Sulfur dioxide (anhydrous)		7446-09-5
Sulfur mustard (Mustard gas (H))	[Bis(2-chloroethyl)sulfide]	505-60-2
Sulfur tetrafluoride	[Sulfur fluoride (SF ₄), (T-4)-]	7783-60-0
Tabun	[o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	77-81-6
Tellurium hexafluoride		7783-80-4
Tetranitroaniline		53014-37-2
Tetrazene	[Guanyl nitrosaminoguanyltetrazene]	109-27-3
Thiodiglycol	[Bis(2-hydroxyethyl)sulfide]	111-48-8
Titanium tetrachloride	[Titanium chloride (TiCl ₄) (T-4)-]	7550-45-0
TNT	[Trinitrotoluene]	118-96-7
Torpex	[Hexotonal]	67713-16-0
Triethanolamine		102-71-6
Triethanolamine hydrochloride		637-39-8
Triethyl phosphite		122-52-1
Trifluoroacetyl chloride		354-32-5
Trifluorochloroethylene	[Ethene, chlorotrifluoro]	79-38-9
Trimethyl phosphite		121-45-9
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
Trinitrophenol		88-89-1
Trinitroresorcinol		82-71-3
Tritonal		54413-15-9
Tungsten hexafluoride		7783-82-6
VX	[o-Ethyl-S-2-diisopropylaminoethyl methyl phospho	50782-69-9

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