

**TABLE 1: Chemicals of Interest**

Chemical-Agent Name	Alternate Name(s)	CAS #	Present in 2016 ?	Largest Total Quantity Present in 2016 (units)	Quantity Used in 2016 (units)
1H-Tetrazole		00288-94-8			
Acetaldehyde		00075-07-0			
Acetone		00067-64-1			
Acetone cyanohydrin		00075-86-5			
Acetone cyanohydrin, stabilized		00075-86-5			
Acetonitrile		00075-05-8			
Acetyl bromide		00506-96-7			
Acetyl chloride		00075-36-5			
Acetyl iodide		00507-02-8			
Acetylaminofluorine		00053-69-3			
Acetylene	[Ethyne]	00074-86-2			
Acrolein	[2-Propenal] or Acrylaldehyde	00107-02-8			
Acrylamide		00079-06-1			
Acrylonitrile	[2-Propenenitrile]	00107-13-1			
Acrylyl chloride	[2-Propenoyl chloride]	00814-68-6			
Aldicarb		00116-06-3			
Aldrin		00309-00-2			
Allyl alcohol	[2-Propen-1-ol]	00107-18-6			
Allylamine	[2-Propen-1-amine]	00107-11-9			
Allyltrichlorosilane, stabilized		00107-37-9			
Aluminum (powder)		07429-90-5			
Aluminum bromide, anhydrous		07727-15-3			
Aluminum chloride, anhydrous		07446-70-0			
Aluminum phosphide		20859-73-8			
Amiton oxalate		03734-97-2			
Ammonia		07664-41-7			
Ammonia (anhydrous)		07664-41-7			
Ammonia (conc. 20% or greater)		07664-41-7			
Ammonium bichromate		07789-09-5			
Ammonium chromate		07788-98-9			
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]		06484-52-2			
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]		06484-52-2			
Ammonium perchlorate		07790-98-9			
Ammonium picrate		00131-74-8			
Amyltrichlorosilane		00107-72-2			
Antimony pentafluoride		07783-70-2			
Arsenic		07440-38-2			
Arsenic disulfide		01303-32-8			
Arsenic pentoxide		01303-28-2			
Arsenic trichloride	[Arsenous trichloride]	07784-34-1			
Arsenic trioxide		01327-53-3			
Arsenic trisulfide		01303-33-9			
Arsenous oxide		01327-53-3			
Arsenic Compounds, Other, not included above					
Arsine		07784-42-1			
Asbestos		01332-21-4			
Azinphos-methyl		00086-50-0			
Azirdine		00151-56-4			
Azirdine, 2-methyl		00075-55-8			
Barium azide		18810-58-7			
Barium cyanide		00542-62-1			
Benz(a)anthracene		00056-55-3			
Benzene		00071-43-2			
Benzidine		00092-87-5			
Benzo(a)pyrene		00050-32-8			
Benzo(b)fluoranthene		00205-99-2			
Benzo(g,h,i.)perylene		00191-24-2			
Benzoic trichloride		00098-07-7			
Benzonitrile		00100-47-0			
Beryllium Compounds		07440-41-7			
Beryllium chloride		07787-47-5			
Beryllium fluoride		07787-49-7			
Beryllium nitrate		13597-99-4			
beta-Propiolactone		00057-57-8			

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2,2'-Bioxirane		01464-53-5			
Bis(2-chloroethyl) ether		00111-44-4			
Bis(2-chloroethylthio)methane		63869-13-6			
Bis(2-chloroethylthiomethyl)ether		63918-90-1			
Bis(2-ethylhexyl) phthalate		00117-81-7			
Bis(chloromethyl) ether		00542-88-1			
Bis(chloromethyl) ketone		00534-07-6			
Boron tribromide		10294-33-4			
Boron trichloride	[Borane, trichloro]	10294-34-5			
Boron trifluoride	[Borane, trifluoro]	07637-07-2			
Boron trifluoride compound with methyl ether (1:1)	[Boron, trifluoro [oxybis (methane)],T-4]	00353-42-4			
Bromine		07726-95-6			
Bromine chloride		13863-41-7			
Bromine pentafluoride		07789-30-2			
Bromine trifluoride		07787-71-5			
Bromotrifluoroethylene	[Ethene, bromotrifluoro-]	00598-73-2			
1,3-Butadiene		00106-99-0			
Butane		00106-97-8			
1-Butene		00106-98-9			
2-Butene		00107-01-7			
2-Butene-cis		00590-18-1			
2-Butene-trans	[2-Butene, (E)]	00624-64-6			
Butene		25167-67-3			
Butyltrichlorosilane		07521-80-4			
Cadium bromide		07789-42-6			
Cadmium		07440-43-9			
Cadmium acetate		00543-90-8			
Cadmium chloride		10108-64-2			
Cadmium Compounds, Other, not included above					
Calcium arsenate		07778-44-1			
Calcium arsenite		52740-16-6			
Calcium carbide		00075-20-7			
Calcium chromate		13765-19-0			
Calcium hydrosulfite	[Calcium dithionite]	15512-36-4			
Calcium hypochlorite		07778-54-3			
Calcium phosphide		01305-99-3			
Camphechlor		08001-35-2			
Camphene, octachloro-		08001-35-2			
Captan		00133-06-2			
Carbamic acid, methyl-, O-(((2,4-dimeth .....)		26419-73-8			
Carbofuran (Furadan)		01563-66-2			
Carbon disulfide		00075-15-0			
Carbon oxysulfide	[Carbon oxide sulfide (COS); carbonyl sulfide]	00463-58-1			
Carbon tetrachloride		00056-23-5			
Carbonic dichloride		00075-44-5			
Carbonyl fluoride		00353-50-4			
Carbonyl sulfide		00463-58-1			
Chlordane		00057-74-9			
Chlorine		07782-50-5			
Chlorine dioxide	[Chlorine oxide, (ClO2)]	10049-04-4			
Chlorine gas		07782-50-5			
Chlorine monoxide	[Chlorine oxide]	07791-21-1			
Chlorine pentafluoride		13637-63-3			
Chlorine trifluoride		07790-91-2			
2-Chloroacetophenone (Mace)		00532-27-4			
Chloroacetyl chloride		00079-04-9			
Chlorobenzene		00108-90-7			
Chlorobenzilate		00510-15-6			
Chloroethane		00075-00-3			
2-Chloroethylchloro-methylsulfide		02625-76-5			
1,5-Bis(2-chloroethylthio)-n-pentane		142868-94-8			
1,3-Bis(2-chloroethylthio)-n-propane		63905-10-2			
1,4-Bis(2-chloroethylthio)-n-butane		142868-93-7			
Chloroform	[Methane, trichloro-]	00067-66-3		Complete Detailed Form	
Chloromethyl ether	[Methane, oxybis(chloro-)]	00542-88-1			

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Chloromethyl methyl ether	[Methane, chloromethoxy-]	00107-30-2			
Chlorophacinone		03691-35-8			
Chloroprene		00126-99-8			
1-Chloropropylene	[1-Propene, 1-chloro-]	00590-21-6			
2-Chloropropylene	[1-Propene, 2-chloro-]	00557-98-2			
Chlorosarin	[o-Isopropyl methylphosphonochloridate]	01445-76-7			
Chlorosoman	[o-Pinacolyl methylphosphonochloridate]	07040-57-5			
Chlorosulfonic acid		07790-94-5			
Chlorpyrifos (Dursban)		02921-88-2			
Chromic acid		07738-94-5			
Chromic chloride		10025-73-7			
Chromium oxychloride		14977-61-8			
Chromium Compounds, Other, not included above					
Cobalt carbonyl		10210-68-1			
Cobalt Compounds, Other, not included above					
Colchicine		00064-86-8			
Coumaphos		00056-72-4			
Creosote		08001-58-9			
Crotonaldehyde	[2-Butenal]	04170-30-3			
Crotonaldehyde, (E)-	[2-Butenal], (E)-]	00123-73-9			
Cupric acetoarsenite		12002-03-8			
Cupric chloride		07447-39-4			
Cupric sulfate		07758-98-7			
Cyanogen	[Ethanedinitrile]	00460-19-5			
Cyanogen chloride		00506-77-4			
Cyanuric fluoride		00675-14-9			
Cyanide containing compounds, other					
Cyclohexylamine	[Cyclohexanamine]	00108-91-8			
Cyclohexyltrichlorosilane		00098-12-4			
Cyclopropane		00075-19-4			
2,4-D Acid & esters					
DDE (p,p-Dichlorodiphenyldichloroethylene)		00072-55-9			
DDT		00050-29-3			
DF	Methyl phosphonyl difluoride	00676-99-3			
Diazinon		00333-41-5			
Diazodinitrophenol		00087-31-0			
Dibenz(a,h)anthracene		00053-70-3			
Diborane		19287-45-7			
Dibromo-3-chloropropane		00096-12-8			
Dibromomethane		00106-93-4			
Dichlone		00117-80-6			
3,3-Dichlorobenzidene		00091-94-1			
Dichloroethyl ether		00111-44-4			
Dichloromethane		00075-09-2			
Dichloromethyl ether		00542-88-1			
Dichlorophenylarsine		00696-28-6			
Dichlorosilane	[Silane, dichloro-]	04109-96-0			
Dichlorvos		00062-73-7			
Dicofol		00115-32-2			
Dicrotophos		00141-66-2			
Dieldrin		00060-57-1			
Diepoxybutane		01464-53-5			
Diethanolamine (DEA)		00111-42-2			
Diethyl methylphosphonite		15715-41-0			
Diethyldichlorosilane		01719-53-5			
Diethyleneglycol dinitrate		00693-21-0			
Difluoroethane	[Ethane, 1,1-difluoro-]	00075-37-6			
Digitoxin		00071-63-6			
Diglycidyl ether		02238-07-5			
Digoxin		20830-75-5			
1,3-diisocyanato-2-methyl-benzene		00091-08-7			
Diisopropylfluorophosphate		00055-91-4			
Dimethoate		00060-51-5			
3,3-Dimethyl benzidine		00119-93-7			
Dimethyl carbamoyl chloride		00079-44-7			
Dimethyl sulfate		00077-78-1			

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Dimethylamine	[Methanamine, N-methyl-]	00124-40-3			
7,12-Dimethylbenz(a)anthracene		00057-97-6			
Dimethyldichlorosilane	[Silane, dichlorodimethyl-]	00075-78-5			
1,1-Dimethylhydrazine	[Hydrazine, 1, 1-dimethyl-]	00057-14-7			
2,2-Dimethylpropane	[Propane, 2,2-dimethyl-]	00463-82-1			
Dimetilan		00644-64-4			
Dingu	[Dinitroglycoluril]	55510-04-8			
Dinitrocresol		00534-52-1			
Dinitrogen tetroxide		10544-72-6			
4,6-Dinitro-o-cresol		00534-52-1			
Dinitrophenol		25550-58-7			
Dinitroresorcinol		00519-44-8			
4,6-Dinitrotoluene		00121-14-2			
1,4-Dioxane		00123-91-1			
Dioxin Compounds					
Diphacinone		00082-66-6			
Diphenyldichlorosilane		00080-10-4			
Diphenylhydrazine		00122-66-7			
Diphosphoramidate, octamethyl-		00152-16-9			
Dipicryl sulfide		02217-06-3			
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	00131-73-7			
Disulfoton		00298-04-4			
Divinyl ether		00109-93-3			
Dodecyltrichlorosilane		04484-72-4			
Emetine, dihydrochloride		00316-42-7			
Endosulfan		00115-29-7			
Endrin		00072-20-8			
Epichlorohydrin	[Oxirane, (chloromethyl)-]	00106-89-8			
EPN		02104-64-5			
Ethane		00074-84-0			
Ethion		00563-12-2			
Ethyl acetylene	[1-Butyne]	00107-00-6			
Ethyl chloride	[Ethane, chloro-]	00075-00-3			
Ethyl cyanide		00107-12-0			
Ethyl ether	[Ethane, 1,1-oxybis-]	00060-29-7			
Ethyl mercaptan	[Ethanethiol]	00075-08-1			
Ethyl nitrite	[Nitrous acid, ethyl ester]	00109-95-5			
Ethyl phosphonyl difluoride		00753-98-0			
Ethylamine	[Ethanamine]	00075-04-7			
Ethyldiethanolamine		00139-87-7			
Ethylene	[Ethene]	00074-85-1			
Ethylene Dichloride		00107-06-2			
Ethylene fluorohydrin		00371-62-0			
Ethylene glycol		00107-21-1			
Ethylene oxide	[Oxirane]	00075-21-8			
Ethylene thiourea		00096-45-7			
Ethylenediamine	[1,2-Ethanediamine]	00107-15-3			
Ethylenedibromide		00106-93-4			
Ethyleneimine	[Aziridine]	00151-56-4			
Ethylphosphonothioic dichloride		00993-43-1			
Ethyltrichlorosilane		00115-21-9			
Fenamiphos		22224-92-6			
Fluorine		07782-41-4			
Fluoroacetic acid		00144-49-0			
Fluoroacetic acid,sodium salt		00062-74-8			
Fluoroacetyl chloride		00359-06-8			
Fluorosulfonic acid		07789-21-1			
Formaldehyde (solution)		00050-00-0	Complete Detailed Form		
Formetamate hydrochloride		23422-53-9			
Formothion		02540-82-1			
Formparanate		17702-57-7			
Fuberidazole		03878-19-1			
Furan		00110-00-9			
Germane		07782-65-2			
Germanium tetrafluoride		07783-58-6			
Guanyl nitrosaminoguanlylidene hydrazine					
Guthion		00086-50-0			
Heptachlor		00076-44-8			

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Hexachlorobenzene		00118-74-1			
Hexachlorobutadiene		00087-68-3			
Hexachlorocyclohexane (gamma isomer)		00058-89-9			
Hexachlorocyclopentadiene		00077-47-4			
Hexaethyl tetraphosphate and compressed gas mixtures		00757-58-4			
Hexafluoroacetone		00684-16-2			
Hexamethylene Diisocyanate		00822-06-0			
Hexamethylphosphoramide		00680-31-9			
Hexane		00110-54-3			
Hexanitrostilbene		20062-22-0			
Hexolite	[Hexotol]	00121-82-4			
Hexyltrichlorosilane		00928-65-4			
HMX	[Cyclotetramethylene-tetranitramine]	02691-41-0			
HN1 (nitrogen mustard-1)	[Bis(2-chloroethyl)ethylamine]	00538-07-8			
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	00051-75-2			
HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	00555-77-1			
Hydrazine		00302-01-2			
Hydrazine, 1,1-dimethyl-		00057-14-7			
Hydrochloric acid (conc. 37% or greater)		07647-01-0			
Hydrocyanic acid		00074-90-8			
Hydrofluoric acid		07664-39-3			
Hydrofluoric acid (conc. 50% or greater)		07664-39-3			
Hydrogen		01333-74-0			
Hydrogen bromide (anhydrous)		10035-10-6			
Hydrogen chloride (anhydrous)		07647-01-0			
Hydrogen cyanide	[Hydrocyanic acid]	00074-90-8			
Hydrogen fluoride		07664-39-3			
Hydrogen fluoride (anhydrous)		07664-39-3			
Hydrogen iodide, anhydrous		10034-85-2			
Hydrogen peroxide (concentration of at least 35%)		07722-84-1			
Hydrogen selenide		07783-07-5			
Hydrogen sulfide		07783-06-4			
Hydroquinone		00123-31-9			
Iodine pentafluoride		07783-66-6			
Iron, pentacarbonyl-	[Iron carbonyl (Fe (CO)5), (TB5-11)-]	13463-40-6			
Isobenzan		00297-78-9			
Isobutane	[Propane, 2-methyl]	00075-28-5			
Isobutyronitrile	[Propanenitrile, 2-methyl-]	00078-82-0			
Isodrin		00465-73-6			
Isofluorophate		00055-91-4			
Isopentane	[Butane, 2-methyl-]	00078-78-4			
Isophorone diisocyanate		04098-71-9			
Isoprene	[1,3-Butadiene, 2-methyl-]	00078-79-5			
Isopropyl chloride	[Propane, 2-chloro-]	00075-29-6			
Isopropyl chloroformate	[Carbonochloridic acid, 1-methylethyl ester]	00108-23-6			
Isopropyl ether		00108-20-3			
Isopropylamine	[2-Propanamine]	00075-31-0			
Isopropylmethylpyrazolyl dimethylcarbamate		00119-38-0			
Isopropylphosphonothioic dichloride		01498-60-8			
Isopropylphosphonyl difluoride		00677-42-9			
Kelthane		00115-32-2			
Kepone		00143-50-0			
Ketene		00463-51-4			
Lead		07439-92-1			
Lead acetate		00301-04-2			
Lead arsenate		07784-40-9			
Lead azide		13424-46-9			
Lead chloride		07758-95-4			
Lead fluoborate		13814-96-5			
Lead fluoride		07783-46-2			
Lead iodide		10101-63-0			
Lead nitrate		10099-74-8			
Lead stearate		07428-48-0			
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0			

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Lead sulfate		07446-14-2			
Lead sulfide		01314-87-0			
Lead thiocyanate		00592-87-0			
Lead compounds, Other, not included above					
Lewisite		00541-25-3			
Lewisite 1	[2-Chlorovinyl]dichloroarsine]	00541-25-3			
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8			
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1			
Lindane		00058-89-9			
Liquid Nitrogen		07727-37-9		Complete Detailed Form	
Lithium amide		07782-89-0			
Lithium chromate		14307-35-8			
Lithium hydride		07580-67-8			
Lithium nitride		26134-62-3			
Magnesium (powder)		07439-95-4			
Magnesium diamide		07803-54-5			
Magnesium phosphide		12057-74-8			
Malathion		00121-75-5			
Manganese and Compounds					
Manganese, tricarbonyl methylcyclopentadienyl		12108-13-3			
MDEA	[Methyldiethanolamine]	00105-59-9			
Mechlorethamine		00051-75-2			
Mephosfolan		00950-10-7			
Mercaptodimethur		02032-65-7			
Mercuric cyanide		00592-04-1			
Mercuric nitrate		10045-94-0			
Mercuric sulfate		07783-35-9			
Mercuric thiocyanate		00592-85-8			
Mercurous nitrate		10415-75-5			
Mercury		07439-97-6			
Mercury fulminate		00628-86-4			
Mercury compounds, Other, not included above					
Methacrylonitrile	[2-Propenenitrile, 2-methyl-]	00126-98-7			
Methacryloyl chloride		00920-46-7			
Methacryloyloxyethyl isocyanate		30674-80-7			
Methamidophos		10265-92-6			
Methanamine, N-methyl-N-nitroso-		00062-75-9			
Methane		00074-82-8			
Methanol		00067-56-1			
Methiocarb		02032-65-7			
Methoxychlor		00072-43-5			
2-Methyl-1-butene		00563-46-2			
3-Methyl-1-butene		00563-45-1			
Methyl chloride	[Methane, chloro-]	00074-87-3			
Methyl chloroformate	[Carbonochloridic acid, methyl ester]	00079-22-1			
Methyl ether	[Methane, oxybis-]	00115-10-6			
Methyl fluoroacetate		00453-18-9			
Methyl fluorosulfate		00421-20-5			
Methyl formate	[Formic acid Methyl ester]	00107-31-3			
Methyl hydrazine	[Hydrazine, methyl-]	00060-34-4			
Methyl isocyanate	[Methane, isocyanato-]	00624-83-9			
Methyl mercaptan	[Methanethiol]	00074-93-1			
Methyl parathion		00298-00-0			
Methyl phosphonic dichloride		00676-97-1			
Methyl tert butyl ether		01634-04-4			
Methyl thiocyanate	[Thiocyanic acid, methyl ester]	00556-64-9			
Methyl vinyl ketone		00078-94-4			
Methylamine	[Methanamine]	00074-89-5			
Methylchlorosilane		00993-00-0			
Methyldichlorosilane		00075-54-7			
4,4-Methylene bis(2-chloroaniline)		00101-14-4			
Methylene chloride		00075-09-2			
Methylphenyldichlorosilane		00149-74-6			
Methylphosphonothioic dichloride		00676-98-2			
2-Methylpropene	[1-Propene, 2-methyl-]	00115-11-7			
Methyltrichlorosilane	[Silane, trichloromethyl-]	00075-79-6			
Metolcarb		01129-41-5			

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Mevinphos		07786-34-7			
Mitomycin C		00050-07-7			
Monocrotophos		06923-22-4			
N,N-(2-diethylamino)ethanethiol		00100-38-9			
N,N-(2-diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)-aminoethane thiol	05842-07-9			
N,N-(2-dimethylamino)ethanethiol		00100-38-9			
N,N-(2-dipropylamino)ethanethiol		05842-06-8			
N,N-Diethyl phosphoramidic dichloride		01498-54-0			
N,N-Diisopropyl phosphoramidic dichloride		23306-80-1			
N,N-Dimethyl phosphoramidic dichloride	[Dimethylphosphoramido-dichloridate]	00677-43-0			
N,N-Dipropyl phosphoramidic dichloride		40881-98-9			
Naled (Dibrom)		00300-76-5			
N-Butyl phthalate		00084-74-2			
Nickel		07440-02-0			
Nickel carbonyl		13463-39-3			
Nickel hydroxide		12054-48-7			
Nickel Compounds, Other not included above					
Nicotine		00054-11-5			
Nicotine sulfate		00065-30-5			
Nitric acid		07697-37-2	Complete Detailed Form		
Nitric oxide	[Nitrogen oxide (NO)]	10102-43-9			
Nitrobenzene		00098-95-3			
5-Nitrobenzotriazol		02338-12-7			
Nitrocellulose		09004-70-0			
Nitrogen dioxide		10102-44-0			
Nitrogen mustard		00051-75-2			
Nitrogen mustard hydrochloride	[Bis(2-chloroethyl)methylamine hydrochloride]	00055-86-7			
Nitrogen oxide		10102-43-9			
Nitrogen trioxide		10544-73-7			
Nitrogen, compressed gas or liquid		07727-37-9	Complete Detailed Form		
Nitroglycerine		00055-63-0			
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4			
Nitromethane		00075-52-5			
Nitropropane, 2-		00079-46-9			
Nitrosodimethylamine		00062-75-9			
Nitrostarch		09056-38-6			
Nitrosyl chloride		02696-92-6			
Nitrotriazolone		00932-64-9			
n-Nitroso -n-methylurea		00684-93-5			
N-Nitrosodimethylamine		00062-75-9			
N-Nitrosomorpholine		00059-89-2			
Nonyltrichlorosilane		05283-67-0			
Norbormide		00991-42-4			
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate		00078-53-5			
Octadecyltrichlorosilane		00112-04-9			
Octolite		57607-37-1			
Octonal		78413-87-3			
Octyltrichlorosilane		05283-66-9			
Oleum (Fuming Sulfuric acid)	[Sulfuric acid, mixture with sulfur trioxide]	08014-95-7			
O-Mustard (T)	[Bis(2-chloroethylthioethyl)ether]	63918-89-8			
Organorhodium Complex (PMN-82-147)					
Osmium tetroxide		20816-12-0			
Ouabain		00630-60-4			
Oxamyl		23135-22-0			
Oxirane		00075-21-8			
Oxygen difluoride		07783-41-7			
Ozone		10028-15-6			
Paraquat dichloride		01910-42-5			
Paraquat methosulfate		02074-50-2			
Parathion		00056-38-2			
Parathion-methyl		00298-00-0			

**TABLE 1: Chemicals of Interest**

Chemical-Agent Name	Alternate Name(s)	CAS #	Present in 2016 ?	Largest Total Quantity Present in 2016 (units)	Quantity Used in 2016 (units)
Paris green		12002-03-8			
Pentaborane		19624-22-7			
Pentachlorophenol		00087-86-5			
1,3-Pentadiene		00504-60-9			
Pentane		00109-66-0			
1- Pentene		00109-67-1			
2-Pentene, (E)-		00646-04-8			
2-Pentene, (Z)-		00627-20-3			
Pentolite		08066-33-9			
Peracetic acid	[Ethaneperoxic acid]	00079-21-0			
Perchloric acid		07601-90-3			
Perchloromethylmercaptan	[Methanesulfonyl chloride, trichloro-]	00594-42-3			
Perchloryl fluoride		07616-94-6			
PETN	[Pentaerythritol tetranitrate]	00078-11-5			
Phenol		00108-95-2			
Phenol, 3-(1-methylethyl)-, methylcarba		00064-00-6			
Phenyltrichlorosilane		00098-13-5			
Phorate		00298-02-2			
Phosgene	[Carbonic dichloride] or [carbonyldichloride]	00075-44-5			
Phosmet		00732-11-6			
Phosphine		07803-51-2			
Phosphonothioic acid, methyl-, S-(2-(bi		50782-69-9			
Phosphorus		07723-14-0			
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3			
Phosphorus pentabromide		07789-69-7			
Phosphorus pentachloride		10026-13-8			
Phosphorus pentasulfide		01314-80-3			
Phosphorus trichloride		07719-12-2			
Physostigmine		00057-47-6			
Physostigmine, salicylate (1:1)		00057-64-7			
Picric Acid		00088-89-1			
Picrite	[Nitroguanidine]	00556-88-7			
Piperidine		00110-89-4			
Polychlorinated biphenyls (PCBs)		01336-36-3			
Potassium amide		17242-52-3			
Potassium arsenate		07784-41-0			
Potassium arsenite		10124-50-2			
Potassium bichromate		07778-50-9			
Potassium chlorate		03811-04-9			
Potassium chromate		07789-00-6			
Potassium cyanide		00151-50-8			
Potassium metal		07440-09-7			
Potassium nitrate		07757-79-1			
Potassium perchlorate		07778-74-7			
Potassium permanganate		07722-64-7			
Potassium phosphide		20770-41-6			
Potassium silver cyanide		00506-61-6			
Promecarb		02631-37-0			
Propadiene	[1,2-Propadiene]	00463-49-0			
Propane		00074-98-6			
1,3-Propane sultane		01120-71-4			
Propargite		02312-35-8			
Propargyl bromide		00106-96-7			
Propionitrile	[Propanenitrile]	00107-12-0			
Propyl chloroformate	[Carbonchloridic acid, propylester]	00109-61-5			
Propylene	[1-Propene]	00115-07-1			
Propylene oxide	[Oxirane, methyl-]	00075-56-9			
Propyleneimine	[Aziridine, 2-methyl-]	00075-55-8			
Propylphosphonothioic dichloride		02524-01-8			
Propylphosphonyl difluoride		00690-14-2			
Propyltrichlorosilane		00141-57-1			
Propyne	[1-Propyne]	00074-99-7			
Pyrethrine		08003-34-7			
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,		00054-11-5			



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Chemical-Agent Name	Alternate Name(s)	CAS #	Present in 2016 ?	Largest Total Quantity Present in 2016 (units)	Quantity Used in 2016 (units)
QL	[o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8			
Quinone		00106-51-4			
RDX	[Cyclotrimethylenetrinitramine]	00121-82-4			
RDX and HMX mixtures		00121-82-4			
Sarin	[o-Isopropyl methylphosphonofluoridate]	00107-44-8			
Selenious acid		07783-00-8			
Selenium hexafluoride		07783-79-1			
Selenium oxide (dioxide)		07446-08-4			
Selenium sulfide		07488-56-4			
Sesquimustard	[1,2-Bis(2-chloroethylthio)ethane]	03563-36-8			
Silane		07803-62-5			
Silicon tetrachloride		10026-04-7			
Silicon tetrafluoride		07783-61-1			
Silver cyanide		00506-64-9			
Silver nitrate		07761-88-8			
Sodium		07440-23-5			
Sodium arsenate		07631-89-2			
Sodium arsenite		07784-46-5			
Sodium azide		26628-22-8			
Sodium bichromate		10588-01-9			
Sodium chlorate		07775-09-9			
Sodium chromate		07775-11-3			
Sodium cyanide		00143-33-9			
Sodium fluoroacetate		00062-74-8			
Sodium hydrosulfite	[Sodium dithionite]	07775-14-6			
Sodium hypochlorite		07681-52-9			
Sodium nitrate		07631-99-4			
Sodium phosphide		12058-85-4			
Soman	[o-Pinacolyl methylphosphonofluoridate]	00096-64-0			
Stibine		07803-52-3			
Streptozotocin		18883-66-4			
Strontium chromate		07789-06-2			
Strontium phosphide		12504-16-4			
Strychnine, and salts		00057-24-9			
Strychnine, sulfate		00060-41-3			
Sulfur dioxide (anhydrous)		07446-09-5			
Sulfur mustard (Mustard gas (H))	[Bis(2-chloroethyl)sulfide]	00505-60-2			
Sulfur pentafluoride		05714-22-7			
Sulfur tetrafluoride	[Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	07783-60-0			
Sulfur trioxide		07446-11-9			
Sulfuric acid		07664-93-9		Complete Detailed Form	
Sulfuryl chloride		07791-25-5			
T1,3,5-Trinitrobenzene		00099-35-4			
Tabun	[o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	00077-81-6			
TCDD		01746-01-6			
TDE		00072-54-8			
Tellurium hexafluoride		07783-80-4			
TEPP		00107-49-3			
Terbufos		13071-79-9			
Tetrachloroethylene		00127-18-4			
Tetraethyllead		00078-00-2			
Tetraethyl pyrophosphate		00107-49-3			
Tetraethyltin		00597-64-8			
Tetrafluoroethylene	[Ethene, tetrafluoro-]	00116-14-3			
Tetramethyllead	[Plumbane, tetramethyl-]	00075-74-1			
Tetramethylsilane	[Silane, tetramethyl-]	00075-76-3			
Tetranitroaniline		53014-37-2			
Tetranitromethane	[Methane, tetranitro-]	00509-14-8			
Tetrazene	[Guanyl nitrosaminoguanyltetrazene]	00109-27-3			

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Chemical-Agent Name	Alternate Name(s)	CAS #	Present in 2016 ?	Largest Total Quantity Present in 2016 (units)	Quantity Used in 2016 (units)
1H-Tetrazole		00288-94-8			
Thiodiglycol	[Bis(2-hydroxyethyl)sulfide]	00111-48-8			
Thionyl chloride		07719-09-7			
Titanium tetrachloride	[Titanium chloride (TiCl4) (T-4)-]	07550-45-0			
TNT	[Trinitrotoluene]	00118-96-7			
Toluene		00108-88-3			
Toluene diamine		00095-80-7			
Toluene-2,6-diisocyanate		00091-08-7			
Torpex	[Hexotonal]	67713-16-0			
Toxaphene		0 8001-35-2			
1,2,4-Trichlorobenzene		00120-82-1			
Trichloro(chloromethyl)silane		01558-25-4			
Trichloroethylene		00079-01-6			
Trichloromethane		00067-66-3			
Trichlorophenol (2,4,6-T)		00088-06-2			
Trichlorosilane	[Silane, trichloro-]	10025-78-2			
Triethanolamine		00102-71-6			
Triethanolamine hydrochloride		00637-39-8			
Triethyl phosphite		00122-52-1			
Trifluoroacetyl chloride		00354-32-5			
Trifluorochloroethylene	[Ethene, chlorotrifluoro]	00079-38-9			
Trifluralin		01582-09-8			
Trimethyl phosphite		00121-45-9			
Trimethylamine	[Methanamine, N,N-dimethyl-]	00075-50-3			
Trimethylchlorosilane	[Silane, chlorotrimethyl-]	00075-77-4			
Trinitroaniline		26952-42-1			
Trinitroanisole		00606-35-9			
Trinitrobenzene		00099-35-4			
Trinitrobenzenesulfonic acid		02508-19-2			
Trinitrobenzoic acid		00129-66-8			
Trinitrochlorobenzene		00088-88-0			
Trinitrofluorenone		00129-79-3			
Trinitro-meta-cresol		00602-99-3			
Trinitronaphthalene		55810-17-8			
Trinitrophenetole		04732-14-3			
Trinitrophenol		00088-89-1			
Trinitroresorcinol		00082-71-3			
Tris(2,3-dibromopropyl) phosphate		00126-72-7			
Tris(2-chloroethyl)amine		00555-77-1			
Tritonal		54413-15-9			
Trypan blue		00072-57-1			
Tungsten hexafluoride		07783-82-6			
Uracil mustard		00066-75-1			
Vinyl acetate monomer	[Acetic acid ethenyl ester]	00108-05-4			
Vinyl acetylene	[1-Buten-3-yne]	00689-97-4			
Vinyl chloride	[Ethene, chloro-]	00075-01-4			
Vinyl chloride		00075-01-4			
Vinyl ethyl ether	[Ethene, ethoxy-]	00109-92-2			
Vinyl fluoride	[Ethene, fluoro-]	00075-02-5			
Vinyl methyl ether	[Ethene, methoxy-]	00107-25-5			
Vinylidene chloride	[Ethene, 1,1-dichloro-]	00075-35-4			
Vinylidene fluoride	[Ethene, 1,1-difluoro-]	00075-38-7			
Vinyltrichlorosilane		00075-94-5			
VX	[o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9			
Zinc hydrosulfite	[Zinc dithionite]	07779-86-4			