

CHEMICAL WEAPONS CONVENTION INVENTORY REPORT - 2016

Department: _____

Name of Building: _____

Room No. _____

Principal Investigator: _____

SCHEDULE 1 CHEMICALS		
	Location	Quantity Obtained/Stored/Used
<i>A. Toxic Chemicals</i>		
1	O-Alkyl (<=C10, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr) –phosphonofluoridates, Sarin: O-Isopropyl methylphosphonofluoridate (CAS 107-44-8) Soman: O-Pinacolyl methylphosphonofluoridate (CAS 96-64-0)	
2	O-Alkyl (H or <=C10, incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr) -aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates, and corresponding alkylated or protonated salts VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate (CAS 50782-69-9)	
3	O-Alkyl (H or <=C10, incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr) -aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates, and corresponding alkylated or protonated salts VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate (CAS 50782-69-9)	
4	Sulphur Mustards: 2-Chloroethylchloromethylsulfide (CAS 2625-76-5) Mustard gas: Bis (2-chloroethyl) sulfide (CAS 505-60-2) Bis (2-chloroethylthio)methane (CAS 63869-13-6) Sesquimustard: 1, 2-Bis (2-chloroethylthio) ethane (CAS 3563-36-8) 1, 3-Bis (2-chloroethylthio) -n-propane (CAS 63905-10-2) 1, 4-Bis (2-chloroethylthio) -n-butane (CAS 142868-93-7) 1, 5-Bis (2-chloroethylthio) -n-pentane (CAS 142868-94-8) Bis (2-chloroethylthiomethyl) ether (CAS 63918-90-1) O-Mustard: Bis (2-chloroethylthioethyl) ether (CAS 63918-89-8)	
5	Lewisites: Lewisite 1: 2-Chlorovinylidichloroarsine (CAS 541-25-3) Lewisite 2: Bis (2-chlorovinyl) chloroarsine (CAS 40334-69-8) Lewisite 3: Tris (2-chlorovinyl) arsine (CAS 40334-70-1)	
6	Nitrogen Mustards: HN1: Bis (2-chloroethyl) ethylamine (CAS 538-07-08) HN2: Bis (2-chloroethyl) methylamine (CAS 51-75-2)	

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	HN3: Tris (2-chloroethyl) amine (CAS 555-77-1)		
7	Saxitoxin (CAS 35523-89-8)		
8	Ricin (CAS 9009-86-3)		

SCHEDULE 1 CHEMICALS

		Location	Quantity Obtained/Stored/Used
<i>B. Precursors</i>			
9	Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides DF: Methylphosphonyldifluoride (CAS 676-99-3)		
10	O-Alkyl (H or <=C10, incl. cycloalkyl) 0-2-dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl alkyl (Me, Et, n-Pr or i-Pr) aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonites, and corresponding alkylated or protonated salts QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite (CAS 57856-11-8)		
11	Chlorosarin: O-Isopropyl methylphosphonochloridate (CAS 1445-76-7)		
12	Chlorosoman: O-Pinacolyl methylphosphonochloridate (CAS 7040-57-5)		

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SCHEDULE 2 CHEMICALS					
		Location	Quantity Obtained	Quantity Stored	Quantity Used
<u>A. Toxic Chemicals</u>					
1	Amiton: O, O-Diethyl S- {2- (diethylamino)ethyl} phosphorothiolate, and corresponding alkylated or protonated salts (CAS 78-53-5)				
2	PFIB: 1, 1, 3, 3, 3-Pentafluoro-2- (trifluoromethyl) -1-propene (CAS 382-21-8)				
3	BZ: 3-Quinuclidinyl benzilate (CAS 6581-06-2)				
<u>B. Precursors</u>					
4	Chemicals, except for those in Schedule 1, containing a phosphorous atom to which is bonded one methyl, ethyl or propyl (normal or iso) group, but not further carbon atoms: Methylphosphonyl dichloride (CAS 676-97-1) Dimethyl methylphosphonate (CAS 756-79-6) Exemption: Fonofos:O-Ethyl S-phenyl Ethylphosphonothiothionate (CAS 944-22-9)				
5	N, N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides				
6	Dialkyl (Me, Et, n-Pr or i-Pr) N, N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidates				
7	Arsenic trichloride (CAS 7784-34-1)				
8	2,2- Diphenyl-2-hydroxyacetic acid (CAS 76-93-7)				
9	Quinuclidin-3-ol (CAS 1619-34-7)				
10	N, N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides, and corresponding protonated salts				

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		Location	Quantity Obtained	Quantity Stored	Quantity Used
<i>B. Precursors</i>					
11	N, N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols, and corresponding protonated salts. Exemption: N, N-Dimethylaminoethanol and corresponding protonated salts (CAS 108-01-0) Exemption: N, N-Diethylaminoethanol and corresponding protonated salts (CAS 100-37-8)				
12	N, N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols, and corresponding protonated salts				
13	Thiodiglycol: Bis(2-hydroxyethyl) sulfide (CAS 111-48-8)				
14	Pinacolyl alcohol: 3,3-dimethylbutane-2-ol (CAS 464-07-3)				

If Not Applicable

Enter N/A

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SCHEDULE 3 CHEMICALS				
	Location	Quantity Obtained	Quantity Stored	Quantity Used
<u>A. Toxic Chemicals</u>				
Phosgene: Carbonyl dichloride (CAS 75-44-5)				
Cyanogen chloride (CAS 506-77-4)				
Hydrogen cyanide (CAS 74-90-8)				
Chlorpicrin: Trichloronitromethane (CAS 76-06-2)				
<u>B. Precursors</u>				
Phosphorus oxychloride (CAS 10025-87-3)				
Phosphorus trichloride (CAS 7719-12-2)				
Phosphorus pentachloride (CAS 10026-13-8)				
Trimethyl phosphite (CAS 121-45-9)				
Triethyl phosphite (CAS 122-52-1)				
Dimethyl phosphite (CAS 868-85-9)				
Diethyl phosphite (CAS 762-04-9)				
Sulphur monochloride (CAS 10025-67-9)				
Sulphur dichloride (CAS 10545-99-0)				
Thionyl chloride (CAS 7719-09-7)				
Ethyldiethanolamine (CAS 139-87-7)				
Methyldiethanolamine (CAS 105-59-9)				
Triethanolamine (CAS 102-71-6)				