

Scheduled Chemicals Controlled by the Chemical Weapons Convention (CWC)

Schedule 1

	(CAS registry number)
A. <u>Toxic chemicals</u> :	
(1) O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates	
e.g. Sarin : O-Isopropyl methylphosphonofluoridate	(107-44-8)
Soman : O-Pinacolyl methylphosphonofluoridate	(96-64-0)
(2) O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates	
e.g. Tabun : O-Ethyl N,N-dimethyl phosphoramidocyanidate	(77-81-6)
(3) O-Alkyl (H or $\leq C_{10}$, 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	
e.g. VX : O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate	(50782-69-9)
(4) Sulfur mustards :	
2-Chloroethylchloromethylsulfide	(2625-76-5)
Mustard gas : Bis(2-chloroethyl)sulfide	(505-60-2)
Bis(2-chloroethylthio)methane	(63869-13-6)
Sesquimustard : 1,2-Bis(2-chloroethylthio)ethane	(3563-36-8)
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)
Bis(2-chloroethylthiomethyl)ether	(63918-90-1)
O-Mustard : Bis(2-chloroethylthioethyl)ether	(63918-89-8)
(5) Lewisites :	
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)

- (6) Nitrogen mustards :
- HN1 : Bis(2-chloroethyl)ethylamine (538-07-8)
HN2 : Bis(2-chloroethyl)methylamine (51-75-2)
HN3 : Tris(2-chloroethyl)amine (555-77-1)
- (7) Saxitoxin (35523-89-8)
- (8) Ricin (9009-86-3)
- B. Precursors :
- (9) Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides
- e.g. DF : Methylphosphonyldifluoride (676-99-3)
- (10) O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) O-2-dialkyl
(Me, Et, n-Pr or i-Pr)-aminoethyl alkyl
(Me, Et, n-Pr or i-Pr) phosphonites and
corresponding alkylated or protonated salts
- e.g. QL : O-Ethyl O-2-diisopropylaminoethyl
methylphosphonite (57856-11-8)
- (11) Chlorosarin : O-Isopropyl methylphosphonochloridate (1445-76-7)
- (12) Chlorosoman : O-Pinacolyl methylphosphonochloridate (7040-57-5)