

**NOTE BY THE DIRECTOR-GENERAL****LISTS OF NEWLY VALIDATED DATA ON SCHEDULED CHEMICALS  
FOR APPROVAL BY THE EXECUTIVE COUNCIL FOR INCLUSION  
IN THE OPCW CENTRAL ANALYTICAL DATABASE**

1. In accordance with the decision by the Executive Council (hereinafter “the Council”) at its Fourth Session entitled “Proposed Mechanism for Updating the OPCW Central Analytical Database” (EC-IV/DEC.2, dated 5 September 1997), which was subsequently adopted by the Conference of the States Parties at its Second Session (subparagraph 11.2(c) of C-II/8, dated 5 December 1997), the Director-General established a Validation Group to evaluate new data to be proposed for inclusion in the OPCW Central Analytical Database (OCAD). The Group met for the forty-seventh time on 25 and 26 September 2018 and for the forty-eighth time on 19 and 20 March 2019, and submitted lists of validated analytical data to the Director-General for appropriate action.
2. In accordance with the aforementioned mechanism for the updating of the OCAD, lists of newly validated data proposed for inclusion in the OCAD will be submitted to the members of the Council and distributed to all States Parties no later than 30 days before the opening of the Ninety-First Session of the Council, during which the Council will be requested to consider the data and approve its inclusion in the OCAD. The Technical Secretariat (hereinafter “the Secretariat”) hereby submits to the members of the Council and distributes to all States Parties the lists of newly validated analytical data proposed for inclusion in the OCAD (see the Annex to this Note).
3. The Verification Division will, upon request, make available to States Parties copies of the newly validated mass spectrometry (MS), nuclear magnetic resonance (NMR) spectroscopy, gas chromatography (retention index) (GC(RI)) and tandem mass spectrometry (MS/MS) data listed in the Annex. In accordance with the mechanism referred to in paragraph 1 above, any State Party that has concerns about the proposed inclusion of any of this data in the OCAD should make them known to the Secretariat before the Ninety-First Session of the Council.

Annex (English only):            Lists of Newly Validated Data on Scheduled Chemicals



## Annex

## LISTS OF NEWLY VALIDATED DATA ON SCHEDULED CHEMICALS

TABLE 1: LIST OF APPROVED MS DATA ON SCHEDULED CHEMICALS

OPCW Code	Chemical Name	Schedule
16-2-0279r	Cyclopropylmethyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
16-2-0288ar	2-Methoxy-1-methylethyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0296ar	1-Ethyl-2-methylpropyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0296br	1-Ethyl-2-methylpropyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0303r	3-Methoxybutyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
16-2-0307r	Cyclobutylmethyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
16-2-0308r	4-Methylpentyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
16-2-0314r	Cyclobutyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0317ar	1-Methylbutyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0317br	1-Methylbutyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0321r	4-Methoxybutyl 2-diisopropylaminoethyl ethylphosphonate	2.B.04
16-2-0328a	2-Methoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0328b	2-Methoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0329	Cyclopropylmethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0330	2-Ethoxyethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0331	3-Methoxypropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0332	Cyclobutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0333	3-Ethoxypropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0334a	1,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0334b	1,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0334c	1,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0335	2,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0336	1-Ethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0337	3-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0338	Pentyl 2-dimethylaminoethyl methylphosphonate	2.B.04

OPCW Code	Chemical Name	Schedule
16-2-0340a	2-Ethoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0340b	2-Ethoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0341a	2-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0341b	2-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0342a	1-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0342b	1-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0342c	1-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0342d	1-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0343	3-Methoxybutyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0344	2-Propoxyethyl 2-dimethylaminoethyl methylphosphonate	2.B.04
16-2-0345a	2-Methoxy-1-methylethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0345b	2-Methoxy-1-methylethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0346	Cyclopropylmethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0347	2-Ethoxyethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0348	3-Methoxypropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0349	Cyclobutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0350	3-Ethoxypropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0351a	1,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0351b	1,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0351c	1,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0352	2,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0353	1-Ethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0354	3-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0355	Pentyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0356	Cyclopentyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0358a	2-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0358b	2-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0359a	1-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0359b	1-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0359c	1-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0359d	1-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0360	3-Methoxybutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
16-2-0361	2-Propoxyethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04
04-2-0592	2,2-Dimethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0593	1-Ethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0594	1,1,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0595a	Pinacolyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0595b	Pinacolyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0596	tert-Butyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0597a	1,4-Dimethylpentyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0597b	1,4-Dimethylpentyl N,N-diethylphosphoramidocyanidate	1.A.02

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>
04-2-0598	1-Isopropyl-2-methylpropyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0600a	2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0600b	2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0601a	4-tert-Butylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02

**TABLE 2: LIST OF APPROVED NMR DATA ON SCHEDULED CHEMICALS**

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>
23-3-0001	O-Isobutyl methylphosphonothionate	2.B.04
23-3-0002	O-Isobutyl methylphosphonothionate	2.B.04
23-3-0003	O-Isobutyl methylphosphonothionate	2.B.04
23-3-0004	O-Isobutyl methylphosphonothionate	2.B.04
05-3-0075	2-Methylcyclohexyl methylphosphonofluoridate	1.A.01
05-3-0078	Methyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0079	Methyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0080	Methyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0081	Methyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0084	Isopropyl S-2-diethylaminoethyl ethylphosphonothiolate	1.A.03
05-3-0085	Isopropyl S-2-diethylaminoethyl ethylphosphonothiolate	1.A.03
05-3-0086	Bis(2-chloroethyl)ethylamine	1.A.06
05-3-0087	Bis(2-chloroethyl)ethylamine	1.A.06
05-3-0088	Bis(2-chloroethyl)methylamine	1.A.06
05-3-0089	Bis(2-chloroethyl)methylamine	1.A.06
05-3-0090	Tris(2-chloroethyl)amine	1.A.06
05-3-0091	Tris(2-chloroethyl)amine	1.A.06
05-3-0095	O-Cyclohexyl methylphosphonothionofluoridate	2.B.04
05-3-0096	O-Cyclohexyl methylphosphonothionofluoridate	2.B.04
05-3-0097	O-Cyclohexyl methylphosphonothionofluoridate	2.B.04
05-3-0100	Ethyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
05-3-0101	Ethyl 2-diisopropylaminoethyl methylphosphonate	2.B.04
05-3-0102	O-Ethyl methylphosphonothionate	2.B.04
05-3-0103	O-Ethyl methylphosphonothionate	2.B.04
05-3-0104	O-Ethyl methylphosphonothionate	2.B.04
05-3-0105	O-Ethyl methylphosphonothionate	2.B.04
05-3-0106	O-Ethyl S-methyl methylphosphonothiolate	2.B.04
05-3-0107	O-Ethyl S-methyl methylphosphonothiolate	2.B.04
05-3-0108	O-Ethyl S-methyl methylphosphonothiolate	2.B.04
05-3-0109	O-Ethyl S-methyl methylphosphonothiolate	2.B.04
05-3-0111	O-Ethyl O-sodium methylphosphonothionate	2.B.04
05-3-0112	O-Ethyl O-sodium methylphosphonothionate	2.B.04
05-3-0115	O-Propyl propylphosphonothionate	2.B.04
05-3-0117	Propyl propylphosphonate	2.B.04
05-3-0118	Propyl propylphosphonate	2.B.04
05-3-0121	Cyclohexyl methyl ethylphosphonate	2.B.04
05-3-0123	Ethylphosphonic acid	2.B.04
05-3-0124	Ethylphosphonic acid	2.B.04
05-3-0125	Ethylphosphonic acid	2.B.04
05-3-0126	Ethylphosphonic acid	2.B.04
05-3-0127	Ethylphosphonic acid	2.B.04
05-3-0128	Ethylphosphonic acid	2.B.04
05-3-0129	Ethylphosphonic acid	2.B.04
05-3-0130	Ethylphosphonic acid	2.B.04

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>
05-3-0131	Ethylphosphonic acid	2.B.04
05-3-0132	Ethylphosphonic acid	2.B.04
05-3-0133	Ethylphosphonic acid	2.B.04
05-3-0134	Ethylphosphonic acid	2.B.04
05-3-0135	O-Ethyl O-2-diisopropylaminoethyl methylphosphonothionate	2.B.04
05-3-0136	O-Ethyl O-2-diisopropylaminoethyl methylphosphonothionate	2.B.04
05-3-0138	O-Ethyl O-2-diisopropylaminoethyl methylphosphonothionate	2.B.04
05-3-0145	O-Ethyl S-3-dimethylaminopropyl methylphosphonothiolate	2.B.04
05-3-0146	O-Ethyl S-3-dimethylaminopropyl methylphosphonothiolate	2.B.04
05-3-0152	2-(N,N-Diisopropylamino)ethanol	2.B.11
05-3-0159	Triethyl phosphite	3.B.09
05-3-0160	Triethyl phosphite	3.B.09
05-3-0161	Diethyl phosphite	3.B.11
05-3-0163	Diethyl phosphite	3.B.11
05-3-0164	Diethyl phosphite	3.B.11
05-3-0170	Ethyldiethanolamine	3.B.15
05-3-0171	Ethyldiethanolamine	3.B.15
05-3-0172	Ethyldiethanolamine	3.B.15
05-3-0174	Ethyldiethanolamine	3.B.15
05-3-0175	Ethyldiethanolamine	3.B.15
05-3-0176	Ethyldiethanolamine	3.B.15
05-3-0177	Methyldiethanolamine	3.B.16
05-3-0178	Methyldiethanolamine	3.B.16
05-3-0179	Methyldiethanolamine	3.B.16
05-3-0180	Methyldiethanolamine	3.B.16
05-3-0181	Triethanolamine	3.B.17
05-3-0182	Triethanolamine	3.B.17

**TABLE 3: LIST OF APPROVED GC(RI) DATA**

Note: A “1” under the “Col” heading for GC(RI) data means an HP5 or an SE54 column and a “2” means a DB-5MS column.

OPCW Code	Chemical Name	Sched	Column	RI(a)	RI(b)	RI(c)	RI(d)
16-4-0362	2-Methoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1491	1497		
16-4-0363	Cyclopropylmethyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1524			
16-4-0364	2-Ethoxyethyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1559			
16-4-0365	3-Methoxypropyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1580			
16-4-0366	Cyclobutyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1507			
16-4-0367	3-Ethoxypropyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1654			
16-4-0368	1,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1462	1475	1488	
16-4-0369	2,2-Dimethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1452			
16-4-0370	1-Ethylpropyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1487			
16-4-0371	3-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1521			
16-4-0372	Pentyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1565			
16-4-0373	Cyclopentyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1607			
16-4-0374	2-Ethoxy-1-methylethyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1551	1575		
16-4-0375	2-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1522	1547		
16-4-0376	1-Methylbutyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1475	1489	1494	1507
16-4-0377	3-Methoxybutyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1638			
16-4-0378	2-Propoxyethyl 2-dimethylaminoethyl methylphosphonate	2.B.04	1	1659			
16-4-0379	2-Methoxy-1-methylethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1565	1570		
16-4-0380	Cyclopropylmethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1592			
16-4-0381	2-Ethoxyethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1636			
16-4-0382	3-Methoxypropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1654			
16-4-0383	Cyclobutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1584			

OPCW Code	Chemical Name	Sched	Column	RI(a)	RI(b)	RI(c)	RI(d)
16-4-0384	3-Ethoxypropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1720			
16-4-0385	1,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1535	1540	1549	
16-4-0386	2,2-Dimethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1527			
16-4-0387	1-Ethylpropyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1561			
16-4-0388	3-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1594			
16-4-0389	Pentyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1638			
16-4-0390	Cyclopentyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1682			
16-4-0391	2-Ethoxy-1-methylethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1629	1632	1637	
16-4-0392	2-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1596	1602		
16-4-0393	1-Methylbutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1550	1556	1561	1568
16-4-0394	3-Methoxybutyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1703			
16-4-0395	2-Propoxyethyl 2-dimethylaminoethyl ethylphosphonate	2.B.04	1	1723			
07-4-3406	Propyl S-2-N-methyl-N-propylaminoethyl propylphosphonothiolate	1.A.03	2	1830			
28-4-0024r	4-Methyl-2-propyl-1,3,2-dioxaphospholane-2-oxide	2.B.04	1	1350	1368		
28-4-0035r	2,5-Diethyl-4-propyl-1,3,2-dioxaphosphinane-2-sulfide	2.B.04	1	1647			
28-4-0036r	4-Methyl-2-propyl-1,3,2-dioxaphospholane-2-sulfide	2.B.04	1	1374	1386		
28-4-0039r	5-Ethyl-2,4-dipropyl-1,3,2-dioxaphosphinane-2-sulfide	2.B.04	1	1729			
28-4-0133	Dicyclohexyl dimethylpyrophosphonodithionate	2.B.04	1	2427			
28-4-0158r	Diheptyl dimethylpyrophosphonate	2.B.04	1	2343			
04-4-0401	2,2-Dimethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1438			
04-4-0402	1-Ethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1482			
04-4-0403	1,1,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1452			
04-4-0404	Pinacolyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1510	1516		
04-4-0405	tert-Butyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1338			
04-4-0406	1,4-Dimethylpentyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1605	1611		
04-4-0407	1-Isopropyl-2-methylpropyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1601			



OPCW Code	Chemical Name	Sched	Column	RI(a)	RI(b)	RI(c)	RI(d)
04-4-0408	2-Methylcyclopentyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1630	1639		
04-4-0409	2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1779	1791		
15-4-0094r	Decahydronaphthalen-2-yl methylphosphonofluoridate	1.A.01	1	1636	1665	1670	
15-4-0101r	Bis(2-cyclohexylpropyl) methylphosphonate	2.B.04	1	2457			
15-4-0106r	Bicyclo[2.2.1]hept-2-yl methylphosphonofluoridate	1.A.01	1	1305			
15-4-0124r	Dicyclohexyl dimethylpyrophosphonate	2.B.04	1	2290			
15-4-0129r	Hexyl N,N-diethyl-P-isopropylphosphonamidate	2.B.04	1	1711			
15-4-0130r	3-Methylpentyl N,N-diethyl-P-isopropylphosphonamidate	2.B.04	1	1796			
15-4-0134r	4-Methylcyclohexyl N,N-diethyl-P-propylphosphonamidate	2.B.04	1	1818	1847		
15-4-0136r	Cyclopropylmethyl ethyl ethylphosphonate	2.B.04	1	1314			
15-4-0137r	Diisobutyl diisopropylpyrophosphonate	2.B.04	1	1849	1861		
15-4-0139r	sec-Butyl N,N-diethyl-P,P'-diisopropylidiphosphono-P-amidate	2.B.04	1	1903	1922	1937	
15-4-0141r	Isobutyl N,N-diethyl-P,P'-diisopropylidiphosphono-P-amidate	2.B.04	1	1934	1951		
15-4-0144r	Pinacolyl N,N-diethyl-P,P'-dimethyldiphosphono-P-amidate	2.B.04	1	1848	1865	1876	1888
17-4-0142	Isopropylphosphonothionic dichloride	2.B.04	1	1072			
17-4-0185	2-Ethyl-5-methyl-1,3,2-benzoxathiaphosphole-2-oxide	2.B.04	1	1715			
17-4-0430	trans-Hex-4-enyl trimethylsilyl propylphosphonate	2.B.04	1	1589			

**TABLE 4: LIST OF APPROVED MS/MS DATA ON SCHEDULED CHEMICALS**

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>
02-5-0007	Isopropyl methylphosphonate	2.B.04
02-5-0008	Isopropyl methylphosphonate	2.B.04
02-5-0009	Isopropyl methylphosphonate	2.B.04
02-5-0010	Methylphosphonic acid	2.B.04
02-5-0011	Methylphosphonic acid	2.B.04
02-5-0012	Methylphosphonic acid	2.B.04
02-5-0013	Ethyl methylphosphonate	2.B.04
02-5-0014	Ethyl methylphosphonate	2.B.04
02-5-0015	Ethyl methylphosphonate	2.B.04
02-5-0016	Diethyl methylphosphonate	2.B.04
02-5-0017	Diethyl methylphosphonate	2.B.04
02-5-0018	Diethyl methylphosphonate	2.B.04
02-5-0019	2-(N,N-Diisopropylamino)ethanol	2.B.11
02-5-0020	2-(N,N-Diisopropylamino)ethanol	2.B.11
02-5-0021	2-(N,N-Diisopropylamino)ethanol	2.B.11
02-5-0037	Methyldiethanolamine	3.B.16
02-5-0038	Methyldiethanolamine	3.B.16
02-5-0039	Methyldiethanolamine	3.B.16
02-5-0040	Ethyldiethanolamine	3.B.15
02-5-0041	Ethyldiethanolamine	3.B.15
02-5-0042	Ethyldiethanolamine	3.B.15
02-5-0043	Triethanolamine	3.B.17
02-5-0044	Triethanolamine	3.B.17
02-5-0045	Triethanolamine	3.B.17
08-5-0004	Methyldiethanolamine	3.B.16
08-5-0005	Methyldiethanolamine	3.B.16
08-5-0006	Methyldiethanolamine	3.B.16
08-5-0016	Triethanolamine	3.B.17
08-5-0017	Triethanolamine	3.B.17
08-5-0018	Triethanolamine	3.B.17
14-5-0007	Diethyl methylphosphonate	2.B.04
14-5-0008	Diethyl methylphosphonate	2.B.04
14-5-0009	Diethyl methylphosphonate	2.B.04
14-5-0010	Diisopropyl methylphosphonate	2.B.04
14-5-0011	Diisopropyl methylphosphonate	2.B.04
14-5-0012	Diisopropyl methylphosphonate	2.B.04
14-5-0013	Methyl pinacolyl methylphosphonate	2.B.04
14-5-0014	Methyl pinacolyl methylphosphonate	2.B.04
14-5-0015	Methyl pinacolyl methylphosphonate	2.B.04
14-5-0016	Diethyl N,N-dimethylphosphoramidate	2.B.06
14-5-0017	Diethyl N,N-dimethylphosphoramidate	2.B.06
14-5-0018	Diethyl N,N-dimethylphosphoramidate	2.B.06

OPCW Code	Chemical Name	Schedule
14-5-0019	Bis(2-hydroxyethyl)sulfide	2.B.13
14-5-0020	Bis(2-hydroxyethyl)sulfide	2.B.13
14-5-0021	Bis(2-hydroxyethyl)sulfide	2.B.13
14-5-0031	Ethyl methylphosphonic acid	2.B.04
14-5-0032	Ethyl methylphosphonic acid	2.B.04
14-5-0033	Ethyl methylphosphonic acid	2.B.04
14-5-0037	Isopropyl methylphosphonic acid	2.B.04
14-5-0038	Isopropyl methylphosphonic acid	2.B.04
14-5-0039	Isopropyl methylphosphonic acid	2.B.04
14-5-0043	Pinacolyl methylphosphonic acid	2.B.04
14-5-0044	Pinacolyl methylphosphonic acid	2.B.04
14-5-0045	Pinacolyl methylphosphonic acid	2.B.04
02-5-0052	Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate	1.A.03
02-5-0053	Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate	1.A.03
02-5-0054	Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate	1.A.03
02-5-0055	Diethyl P,P'-dimethylphosphono-P-thionate	2.B.04
02-5-0056	Diethyl P,P'-dimethylphosphono-P-thionate	2.B.04
02-5-0057	Diethyl P,P'-dimethylphosphono-P-thionate	2.B.04
02-5-0058	Diethyl dimethylpyrophosphonate	2.B.04
02-5-0059	Diethyl dimethylpyrophosphonate	2.B.04
02-5-0060	Diethyl dimethylpyrophosphonate	2.B.04
02-5-0061	Ethyl S-2-isopropylaminoethyl methylphosphonothiolate	2.B.04
02-5-0062	Ethyl S-2-isopropylaminoethyl methylphosphonothiolate	2.B.04
02-5-0063	Ethyl S-2-isopropylaminoethyl methylphosphonothiolate	2.B.04
02-5-0064	Tris(2-chloroethyl)amine	1.A.06
02-5-0065	Tris(2-chloroethyl)amine	1.A.06
02-5-0066	Tris(2-chloroethyl)amine	1.A.06
02-5-0070	Dipinacolyl methylphosphonate	2.B.04
02-5-0071	Dipinacolyl methylphosphonate	2.B.04
02-5-0072	Dipinacolyl methylphosphonate	2.B.04
02-5-0073	Pinacolyl methylphosphonate	2.B.04
02-5-0074	Pinacolyl methylphosphonate	2.B.04
02-5-0075	Pinacolyl methylphosphonate	2.B.04
02-5-0076	3-Quinuclidinyl benzilate	2.A.03
02-5-0077	3-Quinuclidinyl benzilate	2.A.03
02-5-0078	3-Quinuclidinyl benzilate	2.A.03
02-5-0079	Diethyl ethylphosphonate	2.B.04
02-5-0080	Diethyl ethylphosphonate	2.B.04
02-5-0081	Diethyl ethylphosphonate	2.B.04

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>
02-5-0082	Dicyclohexyl diethylpyrophosphonate	2.B.04
02-5-0083	Dicyclohexyl diethylpyrophosphonate	2.B.04
02-5-0084	Dicyclohexyl diethylpyrophosphonate	2.B.04
02-5-0085	Diethyl N,N-diethylphosphoramidate	2.B.06
02-5-0086	Diethyl N,N-diethylphosphoramidate	2.B.06
02-5-0087	Diethyl N,N-diethylphosphoramidate	2.B.06
02-5-0094	Isobutyl methylphosphonate	2.B.04
02-5-0095	Isobutyl methylphosphonate	2.B.04
02-5-0096	Isobutyl methylphosphonate	2.B.04

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