



DECISION

**LISTS OF NEWLY VALIDATED DATA ON SCHEDULED CHEMICALS
FOR INCLUSION IN THE OPCW CENTRAL ANALYTICAL DATABASE**

The Executive Council,

Recalling that the Executive Council (hereinafter “the Council”) at its Fourth Session adopted the decision on the “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);

Also recalling that the Director-General established a Validation Group to evaluate new data proposed for inclusion in the OPCW Central Analytical Database (OCAD) and that the Group, at its Forty-Sixth Meeting on 26 and 27 March 2018, forwarded the combined lists of validated analytical data to the Director-General for appropriate action (S/1625/2018, dated 15 May 2018);

Recalling further that the Director-General has forwarded to the Council for consideration at its Eighty-Eighth Session the Note entitled “Lists of Newly Validated Data on Scheduled Chemicals for Approval by the Executive Council for Inclusion in the OPCW Central Analytical Database” (EC-88/DG.11, dated 6 June 2018);

Bearing in mind that the Verification Division made available to States Parties, upon request, copies of the newly validated infrared (IR) spectroscopy, mass spectrometry (MS), nuclear magnetic resonance (NMR) spectroscopy and gas chromatography (retention index) (GC(RI)) data listed in the Annex to EC-88/DG.11 and that, in accordance with the mechanism referred to in the first paragraph above, any State Party that had concerns about the proposed inclusion in the OCAD of any data contained in the Annex to EC-88/DG.11 had the opportunity to make their concerns known to the Technical Secretariat (hereinafter “the Secretariat”) before the Eighty-Eighth Session of the Council; and

Also bearing in mind that no concerns in relation to the proposed inclusion in the OCAD of any of the data listed in the Annex to EC-88/DG.11 and reproduced in the Annex hereto were communicated to the Secretariat before the Eighty-Eighth Session of the Council;



Hereby:

Approves the inclusion in the OCAD of the lists of newly validated data annexed hereto.

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 IR DATA ON SCHEDULED CHEMICALS

OPCW Code	Chemical Name	Schedule
04-1-0364rv	Cyclooctyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0365rv	2-Methylcyclopentyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0366rv	2-Methylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0367rv	2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0368rv	3,5-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0369rv	4-tert-Butylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0370rv	1-Isopropyl-2-methylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0371rv	2,2-Dimethylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0372rv	1-Ethylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-1-0395v	1-Methylbutyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0396v	1-Methylhexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0397v	1-Methylheptyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0398v	1-Methyloctyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0399v	1-Methylnonyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0400v	Nonyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0401v	Decyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0402v	2-Methylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-1-0403v	3,5-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02

TABLE 2: LIST OF APPROVED MS DATA ON SCHEDULED CHEMICALS

OPCW Code	Chemical Name	Schedule
04-2-0573ar	2-Methylcyclopentyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-2-0573br	2-Methylcyclopentyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-2-0580r	1-Ethylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02
04-2-0582	3-Methylbutyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0583b	1-Methylbutyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0584a	1-Methylhexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0584b	1-Methylhexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0585a	1-Methylheptyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0585b	1-Methylheptyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0586a	1-Methyloctyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0586b	1-Methyloctyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0587a	1-Methylnonyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0587b	1-Methylnonyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0588	Nonyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0590a	2-Methylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0590b	2-Methylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
04-2-0591a	3,5-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02

OPCW Code	Chemical Name	Schedule
04-2-0591b	3,5-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02
28-2-0257	N-Bis(dimethylamino)methylidene-P-methylphosphonamidofluoridate	2.B.04
28-2-0258	Methyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0259	Methyl-d3 N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0260	Ethyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0261	Isopropyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0262	Propyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0263	sec-Butyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0264	Butyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04
28-2-0265	S,S-Diethyl methylphosphonodithioloselenoate	2.B.04
28-2-0266	S,S-Diisopropyl methylphosphonodithioloselenoate	2.B.04
28-2-0267	S-Isopropyl S-propyl methylphosphonodithioloselenoate	2.B.04
28-2-0268	S,S-Dipropyl methylphosphonodithioloselenoate	2.B.04
28-2-0269	S-sec-Butyl S-ethyl methylphosphonodithioloselenoate	2.B.04
28-2-0270	S-Ethyl S-isobutyl methylphosphonodithioloselenoate	2.B.04
28-2-0271	S-Butyl S-ethyl methylphosphonodithioloselenoate	2.B.04
28-2-0272	S-sec-Butyl S-isopropyl methylphosphonodithioloselenoate	2.B.04
28-2-0274	S-Butyl S-isopropyl methylphosphonodithioloselenoate	2.B.04
28-2-0275	S-Butyl S-propyl methylphosphonodithioloselenoate	2.B.04
28-2-0276	Bis(S-sec-butyl) methylphosphonodithioloselenoate	2.B.04
28-2-0277	S,S-Diisobutyl methylphosphonodithioloselenoate	2.B.04
28-2-0278	S,S-Dibutyl methylphosphonodithioloselenoate	2.B.04
28-2-0279	S-Ethyl S-pentyl methylphosphonodithioloselenoate	2.B.04
28-2-0280	S,S-Dipentyl methylphosphonodithioloselenoate	2.B.04

TABLE 3: LIST OF APPROVED NMR DATA ON SCHEDULED CHEMICALS

OPCW Code	Chemical Name	Schedule
05-3-0194	O-Isobutyl methylphosphonothionate, sodium salt	2.B.04
05-3-0009	Isopropyl methylphosphonofluoridate	1.A.01
05-3-0014	Pinacolyl methylphosphonofluoridate	1.A.01
05-3-0016	Pinacolyl methylphosphonofluoridate	1.A.01
05-3-0019	Butyl methylphosphonofluoridate	1.A.01
05-3-0024	Pentyl methylphosphonofluoridate	1.A.01
05-3-0026	Pentyl methylphosphonofluoridate	1.A.01
05-3-0032	Heptyl methylphosphonofluoridate	1.A.01
05-3-0041	Ethyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0043	Ethyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0044	Ethyl N,N-dimethylphosphoramidocyanidate	1.A.02
05-3-0045	1,3-Bis(2-chloroethylthio)propane	1.A.04
05-3-0047	1,4-Bis(2-chloroethylthio)butane	1.A.04
05-3-0049	Bis(2-chloroethylthio)methane	1.A.04

TABLE 4: 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	Name	Sched	Col	RI(a)	RI(b)	RI(c)
04-4-0381r	Cyclooctyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1807		
04-4-0382r	2-Methylcyclopentyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1487	1490	
04-4-0383r	2-Methylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1601	1607	1615
04-4-0385r	3,5-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1638	1663	1668
04-4-0386r	4-tert-Butylcyclohexyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1851	1918	
04-4-0387r	1-Isopropyl-2-methylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1470		
04-4-0389r	1-Ethylpropyl N,N-dimethylphosphoramidocyanidate	1.A.02	1	1345		
04-4-0391	3-Methylbutyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1507		
04-4-0392	1-Methylbutyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1473	1477	
04-4-0393	1-Methylhexyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1654	1659	
04-4-0394	1-Methylheptyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1751	1757	
04-4-0395	1-Methyloctyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1849	1856	
04-4-0396	1-Methylnonyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1948	1956	
04-4-0397	Nonyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1948		
04-4-0398	Decyl N,N-diethylphosphoramidocyanidate	1.A.02	1	2051		
04-4-0399	2-Methylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1749	1753	
04-4-0400	3,5-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1.A.02	1	1793	1799	
28-4-0260	N-Bis(dimethylamino)methylidene-P-methylphosphoramidofluoridate	2.B.04	1	1534		
28-4-0261	Methyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1621		
28-4-0262	Methyl-d3 N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1618		
28-4-0263	Ethyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1662		
28-4-0264	Isopropyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1668		

OPCW Code	Name	Sched	Col	RI(a)	RI(b)	RI(c)
28-4-0265	Propyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1749		
28-4-0266	sec-Butyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1752	1758	
28-4-0267	Butyl N-[bis(dimethylamino)methylidene]-P-methylphosphonamidate	2.B.04	1	1847		
28-4-0268	S,S-Diethyl methylphosphonodithioloselenoate	2.B.04	1	1563		
28-4-0269	S,S-Diisopropyl methylphosphonodithioloselenoate	2.B.04	1	1596		
28-4-0270	S-Isopropyl S-propyl methylphosphonodithioloselenoate	2.B.04	1	1672		
28-4-0271	S,S-Dipropyl methylphosphonodithioloselenoate	2.B.04	1	1741		
28-4-0272	S-sec-Butyl S-ethyl methylphosphonodithioloselenoate	2.B.04	1	1685	1690	
28-4-0273	S-Ethyl S-isobutyl methylphosphonodithioloselenoate	2.B.04	1	1700		
28-4-0274	S-Butyl S-ethyl methylphosphonodithioloselenoate	2.B.04	1	1754		
28-4-0275	S-sec-Butyl S-isopropyl methylphosphonodithioloselenoate	2.B.04	1	1695	1703	
28-4-0276	S-sec-Butyl S-propyl methylphosphonodithioloselenoate	2.B.04	1	1761	1767	
28-4-0277	S-Butyl S-isopropyl methylphosphonodithioloselenoate	2.B.04	1	1765		
28-4-0278	S-Butyl S-propyl methylphosphonodithioloselenoate	2.B.04	1	1839		
28-4-0279	Bis(S-sec-butyl) methylphosphonodithioloselenoate	2.B.04	1	1777	1789	
28-4-0280	S,S-Diisobutyl methylphosphonodithioloselenoate	2.B.04	1	1821		
28-4-0281	S,S-Dibutyl methylphosphonodithioloselenoate	2.B.04	1	1935		
28-4-0282	S-Ethyl S-pentyl methylphosphonodithioloselenoate	2.B.04	1	1858		
28-4-0283	S,S-Dipentyl methylphosphonodithioloselenoate	2.B.04	1	2138		

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