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**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 held its Fifty-Third Meeting on 30 March 2022 (via videoconference) and its Fifty-Fourth Meeting on 21 and 22 September 2022 (in a hybrid format),<sup>1</sup> and submitted lists of validated analytical data to the Director-General for recommendation for inclusion in the OCAD.
2. In accordance with the aforementioned mechanism for updating the OCAD, lists of newly validated data proposed for inclusion in the OCAD are to be submitted to the members of the Council and distributed to all States Parties no later than 30 days before the opening of the 102nd 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 infrared spectroscopy (IR), mass spectrometry (MS), and gas chromatography (retention index) (GC(RI)) 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 102nd Session of the Council.

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

<sup>1</sup> The reports of these meetings were issued under the symbols S/2062/2022 (dated 23 May 2022) and S/2107/2022 (dated 21 October 2022), respectively.



## Annex

## LISTS OF NEWLY VALIDATED DATA ON SCHEDULED CHEMICALS

TABLE 1: LIST OF APPROVED IR DATA ON SCHEDULED CHEMICALS

| OPCW Code   | Chemical Name  | Schedule |
|-------------|--|----------|
| 04-1-0431rv | 2-Methylcyclopentyl N-ethyl-N-methylphosphoramidocyanidate         | 1.A.02   |
| 04-1-0434v  | 2,2-Dimethylpropyl N-methyl-N-propylphosphoramidocyanidate         | 1.A.02   |
| 04-1-0435v  | 1-Ethylpropyl N-methyl-N-propylphosphoramidocyanidate              | 1.A.02   |
| 04-1-0436v  | 2,6-Dimethylcyclohexyl N-methyl-N-propylphosphoramidocyanidate     | 1.A.02   |
| 04-1-0437v  | Pinacolyl N-methyl-N-propylphosphoramidocyanidate                  | 1.A.02   |
| 04-1-0438v  | 2-Ethylhexyl N-methyl-N-propylphosphoramidocyanidate               | 1.A.02   |
| 04-1-0439v  | 1,4-Dimethylpentyl N-methyl-N-propylphosphoramidocyanidate         | 1.A.02   |
| 04-1-0440v  | 1-Isopropyl-2-methylpropyl N-methyl-N-propylphosphoramidocyanidate | 1.A.02   |
| 04-1-0441v  | 2-Methylcyclopentyl N-methyl-N-propylphosphoramidocyanidate        | 1.A.02   |
| 04-1-0442v  | 3,5-Dimethylcyclohexyl N-methyl-N-propylphosphoramidocyanidate     | 1.A.02   |
| 04-1-0443v  | 4-tert-Butylcyclohexyl N-methyl-N-propylphosphoramidocyanidate     | 1.A.02   |

TABLE 2: LIST OF APPROVED MS DATA ON SCHEDULED CHEMICALS

| OPCW Code   | Chemical Name   | Schedule |
|-------------|---|----------|
| 04-2-0612r  | 2,2-Dimethylpropyl N-ethyl-N-methylphosphoramidocyanidate           | 1.A.02   |
| 04-2-0614r  | 1,1,2-Trimethylpropyl N-ethyl-N-methylphosphoramidocyanidate        | 1.A.02   |
| 04-2-0615ar | Pinacolyl N-ethyl-N-methylphosphoramidocyanidate                    | 1.A.02   |
| 04-2-0617ar | 1,4-Dimethylpentyl N-ethyl-N-methylphosphoramidocyanidate           | 1.A.02   |
| 04-2-0617br | 1,4-Dimethylpentyl N-ethyl-N-methylphosphoramidocyanidate           | 1.A.02   |
| 04-2-0622   | 2,2-Dimethylpropyl N-methyl-N-propylphosphoramidocyanidate          | 1.A.02   |
| 04-2-0623   | 1-Ethylpropyl N-methyl-N-propylphosphoramidocyanidate               | 1.A.02   |
| 04-2-0624a  | 2,6-Dimethylcyclohexyl N-methyl-N-propylphosphoramidocyanidate      | 1.A.02   |
| 04-2-0624b  | 2,6-Dimethylcyclohexyl N-methyl-N-propylphosphoramidocyanidate      | 1.A.02   |
| 04-2-0626   | 2-Ethylhexyl N-methyl-N-propylphosphoramidocyanidate                | 1.A.02   |
| 04-2-0627a  | 1,4-Dimethylpentyl N-methyl-N-propylphosphoramidocyanidate          | 1.A.02   |
| 04-2-0627b  | 1,4-Dimethylpentyl N-methyl-N-propylphosphoramidocyanidate          | 1.A.02   |
| 04-2-0630a  | 3,5-Dimethylcyclohexyl N-methyl-N-propylphosphoramidocyanidate      | 1.A.02   |
| 04-2-0631   | 4-tert-Butylcyclohexyl N-methyl-N-propylphosphoramidocyanidate      | 1.A.02   |
| 33-2-0001   | Ethyl N-(1-(diethylamino)ethylidene)phosphoramidofluoridate         | 1.A.14   |
| 33-2-0002   | Methyl N-(1-(diethylamino)ethylidene)phosphoramidofluoridate        | 1.A.14   |
| 33-2-0003   | Ethyl N-(1-(dimethylamino)propylidene)phosphoramidofluoridate       | 1.A.14   |
| 33-2-0004   | Methyl N-(1-(dimethylamino)propylidene)phosphoramidofluoridate      | 1.A.14   |
| 33-2-0005   | Ethyl N-(1-(isopropylmethylamino)ethylidene)phosphoramidofluoridate | 1.A.14   |
| 33-2-0006   | Ethyl N-(1-(ethylmethylamino)ethylidene)phosphoramidofluoridate     | 1.A.14   |
| 33-2-0008   | Ethyl N-(1-(ethylmethylamino)propylidene)phosphoramidofluoridate    | 1.A.14   |

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

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

| OPCW Code | Chemical Name   | Schedule | Column | RI(a) | RI(b) |
|-----------|---|----------|--------|-------|-------|
| 04-4-0431 | 2,2-Dimethylpropyl N-methyl-N-propylphosphoramidocyanidate          | 1.A.02   | 1      | 1458  |       |
| 04-4-0432 | 1-Ethylpropyl N-methyl-N-propylphosphoramidocyanidate               | 1.A.02   | 1      | 1506  |       |
| 04-4-0435 | 2-Ethylhexyl N-methyl-N-propylphosphoramidocyanidate                | 1.A.02   | 1      | 1778  |       |
| 04-4-0436 | 1,4-Dimethylpentyl N-methyl-N-propylphosphoramidocyanidate          | 1.A.02   | 1      | 1629  | 1637  |
| 33-4-0001 | Ethyl N-(1-(diethylamino)ethylidene)phosphoramidofluoridate         | 1.A.14   | 1      | 1662  |       |
| 33-4-0002 | Methyl N-(1-(diethylamino)ethylidene)phosphoramidofluoridate        | 1.A.14   | 1      | 1603  |       |
| 33-4-0003 | Ethyl N-(1-(dimethylamino)propylidene)phosphoramidofluoridate       | 1.A.14   | 1      | 1596  |       |
| 33-4-0004 | Methyl N-(1-(dimethylamino)propylidene)phosphoramidofluoridate      | 1.A.14   | 1      | 1537  |       |
| 33-4-0005 | Ethyl N-(1-(isopropylmethylamino)ethylidene)phosphoramidofluoridate | 1.A.14   | 1      | 1673  |       |
| 33-4-0006 | Ethyl N-(1-(ethylmethylamino)ethylidene)phosphoramidofluoridate     | 1.A.14   | 1      | 1618  |       |
| 33-4-0008 | Ethyl N-(1-(ethylmethylamino)propylidene)phosphoramidofluoridate    | 1.A.14   | 1      | 1639  |       |

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