



## JRC TECHNICAL REPORT

# Export Control Handbook for Chemicals (2021 edition)

*Dual-use, military list,  
hazardous chemicals,  
explosives and drugs  
precursors, sanctions  
and anti-torture*

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## **Acknowledgements**

This second revision was produced following the remarkable success of the first one, and also with a view to make it even more useful by updating the information and adding more regulations foreseeing different forms of export controls on chemicals.

Although this handbook contains around 1800 chemicals, the fact that a chemical is not present in this handbook does not imply that is not under the scope of export regulations.

The tables are produced with the best possible expertise, but of course feed-back, comments and corrections are welcome Contact email: [jrc-strike@ec.europa.eu](mailto:jrc-strike@ec.europa.eu)

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## Abstract

The Export Control Handbook for Chemicals (2021 edition) contains a detailed mapping of chemicals, around 1800, subject to export controls (restrictions, or prohibitions under sanctions) because of their inclusion in various EU regulations, or the Chemical Weapons Convention treaty. Each chemical is correlated with other data of interest, besides its chemical name: CAS number, control reference codes, EU legislation of reference and the 8-digits-code Combined Nomenclature code (CN code) used for declaration purposes.

All together, the handbook helps the users to improve their export compliance by limiting the risk of mistakes and penalties by orienting themselves within the following collection of export regulations in force:

- Dual-use regulation, (EC) No 428/2009
- The Chemical Weapons Convention (International treaty)
- Chemicals with military applications, 2008/944/CFSP
- Hazardous chemicals, (EU) No 649/2012
- Chemicals included in the anti-torture regulation, (EU) No 2019/125
- Chemicals subject to sanctions for certain countries (Syria, DPRK and Iran)
- Chemical precursors of explosives, (EU) No 2019/1148
- Chemical precursors of psychotropic and narcotic substances, (EC) No 111/2005

Another important application of the handbook include facilitating authorities to identify sensitive transactions.

The handbook's online version includes links to metadata where users can download files in excel format from the JRC Science Repository: <http://data.europa.eu/89h/8f0d4fa2-110d-4c05-b2a8-ecd3addbf16b>



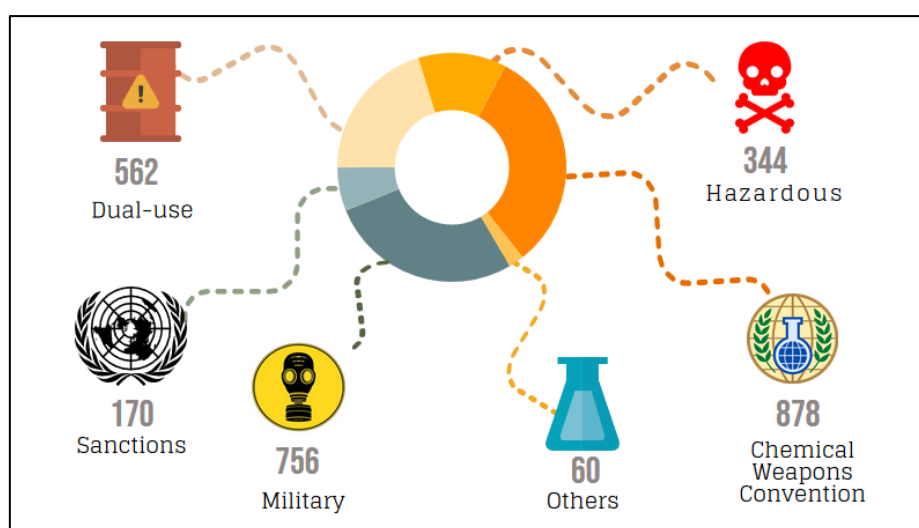
## 1 Introduction

Chemicals play a key role in our lives but if mishandled may also pose threats to health and security of the citizens. Many chemicals of daily industrial or personal use are also precursors of chemical weapons, or explosives.

The Handbook (2021 edition) is a revision of the previous one (2019) that incorporates many more chemicals and references linked to the Chemical Weapons Convention, hazardous chemicals, chemicals included in the anti-torture regulations plus other included in the restrictive measures against Iran and DPRK.

This handbook contains a list of around 1800 chemicals subject to export controls (restrictions, or prohibitions under sanctions) because of their inclusion in various EU regulations or the Chemical Weapons Convention treaty. Each chemical is correlated with other data of interest, besides its chemical name: CAS number, reference codes, EU legislation of reference and the 8-digits-code used for Customs declaration purposes.

**Figure 1.** Chemicals included in this handbook



\*Note that there are overlaps of same chemicals within regulations/treaties

The online version includes links to metadata where users can download files in excel format from the JRC Science Repository: <http://data.europa.eu/89h/8f0d4fa2-110d-4c05-b2a8-ecd3addbf16b>

### 1.1 Why this handbook?

All together, the handbook allows its users to orient themselves among the collection of export regulations in force, limiting the risk of mistakes and penalties.

The beneficiaries of this handbook are mainly two communities:

- A) Economic Operators (exporters) in the chemical sector, including researchers, for whom the handbook is a tool helpful to identify those chemical subject to export controls, supporting compliance with the EU regulations.
- B) Member States customs officers for control/investigation/enforcement purposes: the handbook is a very useful tool to know which chemicals require an authorisation for export purposes and therefore it allows the detection of possible violations of the EU export regulations by targeted trade analysis.



The exporters of dual-use goods (including chemical precursors, propellants, etc.) are industrial manufacturers and suppliers, as well as research institutes and academia. The latter may in particular export “knowledge”, such as technical information, data and know-how of processes, in addition to actual goods such as chemicals and their compounds.

Compliance with this complex framework is called for by the guidelines of the international export control regimes, as well as the EU Recommendation on internal compliance programmes for dual-use trade controls in 2019 <sup>(2)</sup> which will be followed in 2021 by the EU guidelines for export compliance of dual-use research <sup>(3)</sup>.

Compliance with the regulations can be supported also by tools and databases like this handbook, which identifies all those chemicals subject to export controls (from different regulations and from different DGs) and works as a single control reference integrated list that allows having the whole picture of export controls on chemicals.

The handbook is therefore a valuable tool for helping exporters to follow the necessary procedures, protecting citizens from unauthorised exports, while at the same time safeguarding EU competitiveness, preventing reputational losses and financial penalties to the economic operators, or worse consequences.

At the same time, the authorities may benefit of the collection of information and easy to navigate summary of codes to swiftly search through the chemicals and verify what kind of authorisations they might require, that will be described in the following sections:

- 2.1 Dual-use regulation
- 2.2 The Chemical Weapons Convention (International treaty)
- 2.3 Chemicals with military applications
- 2.4 Hazardous chemicals (PIC regulation)
- 2.5 Chemicals included in the anti-torture regulation
- 2.6 Chemicals subject to sanctions for certain countries (Syria, DPRK and Iran)
- 2.7 Chemical precursors of explosives
- 2.8 Chemical precursors of psychotropic and narcotic substances

Different authorities in each Member State are in charge of the various areas of export authorisation, but a significant portion may be pertinent to the same authorities in charge of dual-use, military exports, as well as the new Foreign Direct Investment screening (FDI)<sup>4</sup>. The latter is the object of a recent EU regulation with an associated risk analysis and decision process. Also for this, the authorisation to the acquisition of an EU industrial asset by a third country could be informed by the quick identification of the dual-use sensitive nature of the chemical production and associated patents.

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<sup>(2)</sup> COMMISSION RECOMMENDATION (EU) 2019/1318 of 30 July 2019 on internal compliance programmes for dual-use trade controls under Council Regulation (EC) No 428/2009. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019H1318>

<sup>(3)</sup> EU compliance guidance for research involving dual-use items (draft for consultation) [https://trade.ec.europa.eu/consultations/documents/consul\\_183.pdf](https://trade.ec.europa.eu/consultations/documents/consul_183.pdf)

<sup>(4)</sup> REGULATION (EU) 2019/452 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 March 2019 establishing a framework for the screening of foreign direct investments into the Union, fully operational as of 11 October 2020 <https://eur-lex.europa.eu/eli/reg/2019/452/oj>

## 1.2 Structure of the handbook

The chemicals contained in the handbook are of course collected on the basis of the applicable EU regulations controlling them.

Each listed chemical is identified by its chemical name (which may not be scientifically unique and of course varies in the different languages) and is connected to two other relevant data, very useful to the actors involved in export controls:

- The CAS number, a unique numerical identifier for chemicals, and
- The Combined Nomenclature's 8-digit-code (CN) used for Customs declaration purposes.

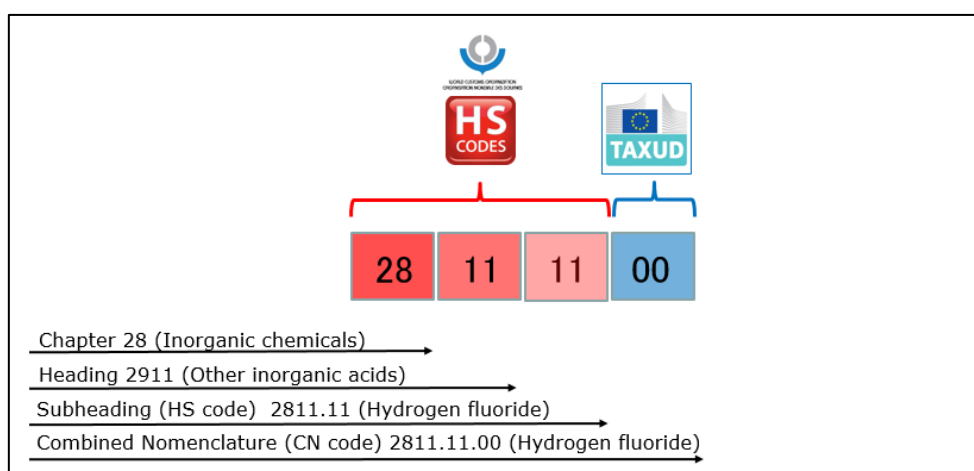
## 1.3 The Combined Nomenclature

The Combined Nomenclature (CN) is an annually amended customs system established on the basis of the Harmonized System. Each traded commodity, including chemicals, is identified by an 8 digit-CN code used in the Single Administrative Document (SAD) for Customs declaration purposes

The eight digits of CN codes are defined as follows:

- (a) the first six digits shall be the code numbers relating to the headings and subheadings of the Harmonized System (HS) nomenclature;
- (b) the seventh and eighth digits shall identify the CN subheadings.

**Figure 2.** Combined Nomenclature (example on hydrogen fluoride)



The assignment of the CN codes to each commodity has been decided taking into account the rules of classification included in the Common Customs Tariff <sup>(5)</sup> and using the CN codes of the latest version of the Combined nomenclature, 2021, as a reference <sup>(6)</sup>.

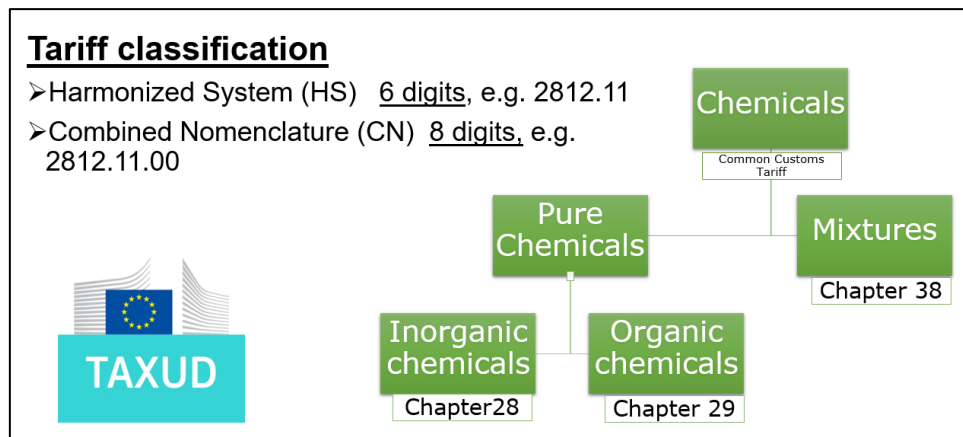
Chemicals and chemical products are listed in the Section VI of the Harmonized System (Products of the Chemical or Allied Industries). There are 11 chapters related to chemicals and chemical products (from chapters 28 to 38). However, chemicals included in this handbook are usually of concern due to their high purity and, therefore the chapters of interest are mainly Chapter 28 for inorganic chemicals and Chapter 29 for organic chemicals (see figure 3).

<sup>(5)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A01987R2658-20210101>

<sup>(6)</sup> Commission Implementing Regulation (EU) no 2020/1369 of 29 September 2020 amending Annex I to Council Regulation (EEC) No 2658/87 on the tariff and statistical nomenclature and on the Common Customs Tariff. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32020R1369>

Other chemicals included in this handbook concerns to some mixtures of chemicals, named as Miscellaneous chemical products (Chapter 38), but also includes a minor amount of metals in powder form (e.g. chapters 57 or 81) not included in the figure 3 below.

**Figure 3.** Classification of chemical goods in the Common Customs Tariff

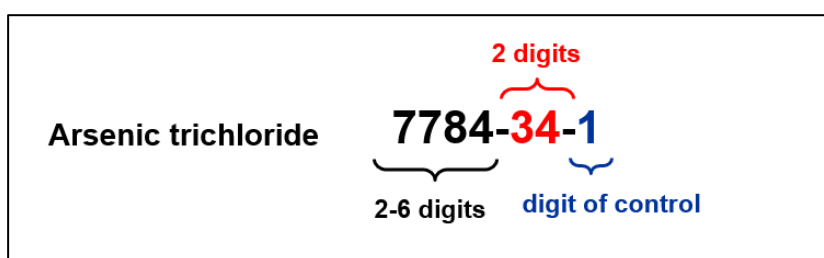


## 1.4 Chemical Abstracts Service (CAS)

The CAS registry number <sup>(?)</sup>, or CAS number, is a unique numerical identifier assigned by the Chemical Abstracts Service (CAS) to every chemical substance described in the open scientific including organic and inorganic compounds, minerals, isotopes and alloys.

CAS contains up to 10 digits, divided by hyphens into three parts with right most digit a check digit (see figure 4). Regardless how a chemical is named in any language, the CAS number remains always the same and therefore it is very useful for an unequivocally identification.

**Figure 4.** CAS number structure (example arsenic trichloride)



<sup>(?)</sup> Chemical Abstract Service <https://www.cas.org/>

## 2 EU export control regulations in force

The EU controls the exports of strategic goods, including cyber-threats, by **Regulation (EC) No 428/2009** <sup>(8)</sup> and amendments, including the annual European Commission Delegated Act containing the new EU dual-use control list, defined according to international legal and political commitments, implemented by the Member States and monitored by the European Commission as part of the EU common commercial policy. The regulation stems from EU and MS legal and political international commitments, like UNSCR 1540, the Nuclear Non-Proliferation Treaty <sup>(9)</sup>, the **Chemical Weapons Convention** <sup>(10)</sup> and the international export control regimes <sup>(11)</sup>, which all include chemical items, in particular the Australia Group <sup>(12)</sup>.

**Sanctions measures** targeting specific countries also control or prohibit dual-use and other strategic goods, including chemicals. Similarly, the **EU Common Military Control List** <sup>(13)</sup> includes large sets of goods and in particular chemicals.

The export of chemicals and the technology for their production are included also in other regulations targeting **anti-torture, explosives and drugs precursors**.

In addition, **hazardous chemicals** that entails high risk due to its toxicity for human beings, animals, plants or the environment are also subject to export controls under the so called PIC (Prior Informed Consent) regulation.

The resulting collection of references included in the handbook is the following:

- Dual-use regulation, (EC) No 428/2009 <sup>(8)</sup>
- The Chemical Weapons Convention <sup>(10)</sup>
- Chemicals with military applications, 2008/944/CFSP <sup>(13)</sup>
- Hazardous chemicals, (EU) No 649/2012 <sup>(14)</sup>
- Chemicals included in the anti-torture regulation, (EU) No 2019/125 <sup>(15)</sup>
- Chemicals subject to sanctions for certain countries (Syria, DPRK and Iran)
- Chemical precursors of explosives, (EU) No 2019/1148 <sup>(16)</sup>
- Chemical precursors of psychotropic and narcotic substances (EC) No 111/2005 <sup>(17)</sup>

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<sup>(8)</sup> Council Regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items (Recast) <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02009R0428-20191231>

<sup>(9)</sup> Treaty on the Non-Proliferation of Nuclear Weapons (NPT); <https://www.un.org/disarmament/wmd/nuclear/npt/>

<sup>(10)</sup> The Chemical Weapons Convention Treaty; <https://www.opcw.org/chemical-weapons-convention/download-convention>

<sup>(11)</sup> Nuclear Suppliers Group; Missile Technology Control Regime; Wassenaar Arrangement; Australia Group

<sup>(12)</sup> The Australia Group. <https://www.dfat.gov.au/publications/minisite/theaustraliagroupnet/site/en/index.html>

<sup>(13)</sup> Common Military List of the European Union ST/5470/2020/INIT; [https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313\(07\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313(07))

<sup>(14)</sup> Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02012R0649-20200901>

<sup>(15)</sup> Regulation (EU) No 2019/125 of the European Parliament and of the Council of 16 January 2019 concerning trade in certain goods which could be used for capital punishment, torture or other cruel, inhuman or degrading treatment or punishment <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02019R0125-20200527&qid=1610983638632>

<sup>(16)</sup> Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32019R1148>

<sup>(17)</sup> Council Regulation (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Union and third countries in drug precursors; <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02005R0111-20210113&qid=1610958098123>



## 2.1 Dual-use goods

Regulation (EC) No 428/2009 controls the export of dual-use items which can assist the production of Weapons of Mass Destruction (WMD), including certain chemicals which may be used as precursors for toxic chemical agents, included in Annex I of the regulation, also known as the EU dual-use control list. Annex I is amended annually by a Commission Delegated Regulation on the basis of the international export control regimes' decisions and the latest version was published in December 2020: (EU) No 2020/1749 <sup>(18)</sup>.

Strategic, or "dual-use" goods have both civil and military applications, including systems, equipment, components, materials, software and technologies for manufacturing, aerospace, electronics, chemical, biological and medical, nuclear, telecommunications, cyber-security, marine, navigation, avionics, laser applications, energy production and many other applications. They include dual-use materials, systems, equipment, technologies and software play in the proliferation of nuclear, chemical, biological weapons, of missiles and means of delivery, of related materials and technologies, including cyber-threats.

Effective trade controls depend to a great extent on the awareness of exporters and their active efforts to comply with trade restrictions. To this end, companies usually put in place a set of internal policies and procedures, also known as an Internal Compliance Programme (ICP). The EU recently published a guidance, (EU) No 2019/1318 <sup>(19)</sup> that provides a framework to help exporters identify, manage and mitigate risks associated with dual-use trade controls and to ensure compliance with the relevant EU and national laws and regulations.

The codification system used for the identification of dual-use items in general, including chemicals, was established as an alpha-numeric code called Export Control Number (ECN) made of 5 characters. The first character is a 0-9 digit corresponding to the category (10 in total), the second is a letter (A to E) which refers to the subcategory, while the third character (0-4) identifying the Multilateral Export Control Regime (see table 1).

**Table 1.** Dual-use codification system

Category	Subcategory	Export Control Regime	Codification
0=Nuclear materials	A=Systems, equipment and components	0=Wassenaar arrangement (WA)	two more digits and letters for subdivision
1=Special materials	B=test, inspection and production equipment	1=Missile Technology Control Regime (MTCR)	
2=Materials processing	C=materials	2=Nuclear Suppliers Group	
3=Electronics	D=software	3=Australia Group	
4=Computers	E=technology	4=Chemical Weapons Convention (CWC)	
5=telecommunications and information security			
6=Sensors and lasers			

<sup>(18)</sup> Commission Delegated Regulation (EU) no 2020/1749 of 7 October 2020 amending Council Regulation (EC) No 428/2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32020R1749&qid=1609773939340>

<sup>(19)</sup> COMMISSION RECOMMENDATION (EU) 2019/1318 of 30 July 2019 on internal compliance programmes for dual-use trade controls under Council Regulation (EC) No 428/2009  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019H1318>



**Table 2.** Chemicals subject to the dual-use regulation

ECN	Chemical name	CAS number	CN code
0C001	Diammonium heptaoxodiuranate; $(\text{NH}_4)_2\text{U}_2\text{O}_7$	7783-22-4	2844.30.91
0C001	Disodium heptaoxodiuranate; $\text{Na}_2\text{U}_2\text{O}_7 \cdot \text{H}_2\text{O}$	13721-34-1	2844.30.91
0C001	Thorium acetate	13075-28-0	2844.30.91
0C001	Thorium benzoate	N/A	2844.30.91
0C001	Thorium bromide; $\text{ThBr}_4$	13453-49-1	2844.30.91
0C001	Thorium carbide; $\text{ThC}_2$	12012-16-7	2844.30.91
0C001	Thorium chloride; $\text{ThCl}_4$	10026-08-1	2844.30.91
0C001	Thorium fluoride; $\text{ThF}_4$	13709-59-6	2844.30.91
0C001	Thorium formiate	N/A	2844.30.91
0C001	Thorium hydroxide; $\text{Th}(\text{OH})_4$	N/A	2844.30.91
0C001	Thorium nitrate tetrahydrate; $\text{Th}(\text{NO}_3)_4 \cdot 4\text{H}_2\text{O}$	13470-07-0	2844.30.91
0C001	Thorium nitrate; $\text{Th}(\text{NO}_3)_4$	13823-29-5	2844.30.91
0C001	Thorium nitride; $\text{ThN}$	12033-65-7	2844.30.91
0C001	Thorium oxide; $\text{ThO}_2$	1314-20-1	2844.30.91
0C001	Thorium perchlorate; $\text{Th}(\text{ClO}_4)_4$	16045-17-3	2844.30.91
0C001	Thorium sulphate monohydrate; $\text{Th}(\text{SO}_4)_2 \cdot 9\text{H}_2\text{O}$	10381-37-0	2844.30.91
0C001	Thorium sulphide; $\text{ThS}_2$	12138-07-7	2844.30.91
0C001	Thorium tartrate	N/A	2844.30.91
0C001	Triuranium octoxide; $\text{U}_3\text{O}_8$	1344-59-8	Heading 2844
0C001	Uranium carbide; $\text{UC}$	12070-09-6	Heading 2844
0C001	Uranium dicarbide; $\text{UC}_2$	12071-33-9	Heading 2844
0C001	Uranium dioxide; $\text{UO}_2$	1344-57-6	Heading 2844
0C001	Uranium hexafluoride; $\text{UF}_6$	7783-81-5	Heading 2844
0C001	Uranium nitride; $\text{UN}$	25658-43-9	Heading 2844
0C001	Uranium tetrachloride; $\text{UCl}_4$	10026-10-5	Heading 2844
0C001	Uranium tetrafluoride; $\text{UF}_4$	10049-14-6	Heading 2844
0C001	Uranium trifluoride; $\text{UF}_3$	13775-06-9	Heading 2844
0C001	Uranium trioxide; $\text{UO}_3$	1344-58-7	Heading 2844
0C001	Uranyl nitrate hexahydrate; $\text{UO}_2(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	13520-83-7	Heading 2844
0C001	Uranyl sulphate; $\text{UO}_2\text{SO}_4 \cdot 3\text{H}_2\text{O}$	20910-28-5	Heading 2844



<b>0C002</b>	Diammonium heptaaxodiuranate; $(\text{NH}_4)_2\text{U}_2\text{O}_7$	7783-22-4	2844.30.91
<b>0C002</b>	Diplutonium tricarbide; $\text{Pu}_2\text{C}_3$	N/A	2844.20.99
<b>0C002</b>	Disodium heptaaxodiuranate; $\text{Na}_2\text{U}_2\text{O}_7 \cdot \text{H}_2\text{O}$	13721-34-1	2844.30.91
<b>0C002</b>	Plutonium carbide; $\text{PuC}$	N/A	2844.20.99
<b>0C002</b>	Plutonium dioxide; $\text{PuO}_2$	12059-95-9	2844.20.99
<b>0C002</b>	Plutonium hexafluoride; $\text{PuF}_6$	13693-06-6	2844.20.99
<b>0C002</b>	Plutonium nitrate; $\text{Pu}(\text{NO}_3)_4$	13823-27-3	2844.20.99
<b>0C002</b>	Plutonium nitride; $\text{PuN}$	12033-54-4	2844.20.99
<b>0C002</b>	Plutonium tetrafluoride; $\text{PuF}_4$	13709-56-3	2844.20.99
<b>0C002</b>	Plutonyl nitrate	N/A	2844.20.99
<b>0C002</b>	Triuranium octoxide; $\text{U}_3\text{O}_8$	1344-59-8	Heading 2844
<b>0C002</b>	Uranium carbide; $\text{UC}$	12070-09-6	Heading 2844
<b>0C002</b>	Uranium dicarbide; $\text{UC}_2$	12071-33-9	Heading 2844
<b>0C002</b>	Uranium dioxide; $\text{UO}_2$	1344-57-6	Heading 2844
<b>0C002</b>	Uranium hexafluoride; $\text{UF}_6$	7783-81-5	Heading 2844
<b>0C002</b>	Uranium nitride; $\text{UN}$	25658-43-9	Heading 2844
<b>0C002</b>	Uranium tetrachloride; $\text{UCl}_4$	10026-10-5	Heading 2844
<b>0C002</b>	Uranium tetrafluoride; $\text{UF}_4$	10049-14-6	Heading 2844
<b>0C002</b>	Uranium trifluoride; $\text{UF}_3$	13775-06-9	Heading 2844
<b>0C002</b>	Uranium trioxide; $\text{UO}_3$	1344-58-7	Heading 2844
<b>0C002</b>	Uranyl nitrate hexahydrate; $\text{UO}_2(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	13520-83-7	Heading 2844
<b>0C002</b>	Uranyl sulphate; $\text{UO}_2\text{SO}_4 \cdot 3\text{H}_2\text{O}$	20910-28-5	Heading 2844
<b>0C003</b>	Deuterium	7782-39-0	2845.90.10
<b>0C003</b>	Heavy water; $\text{D}_2\text{O}$	7789-20-0	2845.10.00
<b>0C004</b>	Graphite	7782-42-5	3801.10.00
<b>0C005</b>	Aluminium oxide; $\text{Al}_2\text{O}_3$	1344-28-1	2818.20.00
<b>0C005</b>	Nickel powder	7440-02-0	7504.00.00
<b>1C006.c.3.a</b>	Dibromotetrafluoroethane; Halon 2402	25497-30-7	2903.76.90
<b>1C006.c.3.a</b>	1,1-dibromotetrafluoroethane; Halon 2402	27336-23-8	2903.76.90
<b>1C006.c.3.a</b>	1,2-dibromotetrafluoroethane; Halon 2402	124-73-2	2903.76.90
<b>1C011.a</b>	Magnesium powder	7439-95-4	8104.30.00
<b>1C011.a</b>	Zirconium powder	7440-67-7	8109.20.00
<b>1C011.b</b>	Boron carbide powder; $\text{B}_4\text{C}$	12069-32-8	2849.90.10

<b>1C011.b</b>	Boron powder	7440-42-8	2804.50.10
<b>1C011.c</b>	Guanidine nitrate	506-93-4	2925.29.00
<b>1C011.d</b>	Nitroguanidine	556-88-7	2929.90.00
<b>1C012</b>	Diplutonium tricarbide; Pu <sub>2</sub> C <sub>3</sub>	N/A	2844.20.99
<b>1C012</b>	Plutonium carbide; PuC	N/A	2844.20.99
<b>1C012</b>	Plutonium hexafluoride; PuF <sub>6</sub>	13693-06-6	2844.20.99
<b>1C012</b>	Plutonium nitrate; Pu(NO <sub>3</sub> ) <sub>4</sub>	13823-27-3	2844.20.99
<b>1C012</b>	Plutonium nitride; PuN	12033-54-4	2844.20.99
<b>1C012</b>	Plutonium tetrafluoride; PuF <sub>4</sub>	13709-56-3	2844.20.99
<b>1C012</b>	Plutonyl nitrate	N/A	2844.20.99
<b>1C107</b>	Graphite	7782-42-5	3801.10.00
<b>1C111.a.1</b>	Aluminium powder	7429-90-5	7603.10.00
<b>1C111.a.2.a.1</b>	Zirconium powder	7440-67-7	8109.20.00
<b>1C111.a.2.a.2</b>	Beryllium powder	7440-41-7	8112.12.00
<b>1C111.a.2.a.3</b>	Magnesium powder	7439-95-4	8104.30.00
<b>1C111.a.2.b</b>	Boron powder	7440-42-8	2804.50.10
<b>1C111.a.3.a</b>	Dinitrogen trioxide; N <sub>2</sub> O <sub>3</sub>	10544-73-7	2811.29.30
<b>1C111.a.3.b</b>	Dinitrogen tetroxide; N <sub>2</sub> O <sub>4</sub>	10544-72-6	2811.29.30
<b>1C111.a.3.b</b>	Nitrogen dioxide; NO <sub>2</sub>	10102-44-0	2811.29.30
<b>1C111.a.3.c</b>	Dinitrogen pentoxide; N <sub>2</sub> O <sub>5</sub>	10102-03-1	2811.29.30
<b>1C111.a.3.d</b>	Mixed oxydes of nitrogen; MON <sub>x</sub>	N/A	3824.99.96
<b>1C111.a.3.e</b>	Inhibited red fuming nitric acid; IRFNA	8007-58-7	2808.00.00
<b>1C111.a.3.f</b>	Nitrogen trifluoride; NF <sub>3</sub>	7783-54-2	2812.90.00
<b>1C111.a.3.f</b>	Perchloryl trifluoride; ClOF <sub>3</sub>	7616-94-6	2812.90.00
<b>1C111.a.4.a</b>	Trimethylhydrazine	1741-01-1	2928.00.90
<b>1C111.a.4.b</b>	Tetramethylhydrazine	6415-12-9	2928.00.90
<b>1C111.a.4.c</b>	N,N-Diallylhydrazine	5164-11-4	2928.00.90
<b>1C111.a.4.d</b>	Allylhydrazine	7422-78-8	2928.00.90
<b>1C111.a.4.e</b>	Ethylene dihydrazine	N/A	2928.00.90
<b>1C111.a.4.f</b>	Monomethylhydrazine dinitrate	N/A	2928.00.90
<b>1C111.a.4.g</b>	Unsymmetrical dimethylhydrazine nitrate	N/A	2928.00.90
<b>1C111.a.4.h</b>	Hydrazinium azide	14546-44-2	2825.10.00
<b>1C111.a.4.i</b>	1,1-Dimethylhydrazinium azide	227955-52-4	2928.00.90

<b>1C111.a.4.i</b>	1,2-Dimethylhydrazinium azide	299177-50-7	2928.00.90
<b>1C111.a.4.j</b>	Hydrazinium dinitrate	13464-98-7	2825.10.00
<b>1C111.a.4.k</b>	Diimido oxalic acid dihydrazine	3457-37-2	2928.00.90
<b>1C111.a.4.l</b>	2-hydroxyethylhydrazine nitrate; HEHN	N/A	2928.00.90
<b>1C111.a.4.m</b>	Hydrazinium perchlorate	27978-54-7	2825.10.00
<b>1C111.a.4.n</b>	Hydrazinium diperchlorate	13812-39-0	2825.10.00
<b>1C111.a.4.o</b>	Methylhydrazine nitrate	29674-96-2	2928.00.90
<b>1C111.a.4.p</b>	1,1-Diethylhydrazine nitrate; DEHN	N/A	2928.00.90
<b>1C111.a.4.p</b>	1,2-Diethylhydrazine nitrate; DEHN	36453-17-2	2928.00.90
<b>1C111.a.4.q</b>	3,6-Dihydrazino tetrazine nitrate; DHTN	N/A	2933.99.80
<b>1C111.a.5.b</b>	Cubane	277-10-1	2902.19.00
<b>1C111.a.5.b</b>	Dihydrobenzvalene	287-12-7	2902.19.00
<b>1C111.a.5.b</b>	1,2-dimethyladamantane	702-79-4	2902.19.00
<b>1C111.a.5.b</b>	exo-tetrahydro-dicyclopentadiene	2825-82-3	2902.19.00
<b>1C111.a.5.b</b>	Perhydro-dinorbornadiene	66289-74-5	2902.19.00
<b>1C111.a.5.b</b>	Quadricyclane	278-06-8	2902.19.00
<b>1C111.a.5.b</b>	Tricyclo[2.2.1.0(2,6)]heptane	279-19-6	2902.19.00
<b>1C111.a.6.a</b>	1,2-Dimethylaminoethylazide; DMAZ	86147-04-8	2929.90.00
<b>1C111.b.1</b>	Carboxy-terminated polybutadiene; CTPB	N/A	4002.20.00
<b>1C111.b.2</b>	Hydroxyl terminated polybutadiene; HTPB	69102-90-5	4002.20.00
<b>1C111.b.3</b>	Polybutadiene-acrylic acid; PBAA	N/A	4002.99.90
<b>1C111.b.4</b>	Polybutadiene-acrylic acid-acrylonitrile; PBAN	N/A	4002.99.90
<b>1C111.b.5</b>	Polytetrahydrofuran polyethylene glycol; TPEG	N/A	3907.20.20
<b>1C111.b.6</b>	Polyglycidyl nitrate; Poly-GLYN or PGN	27814-48-8	Heading 3907
<b>1C111.c.1</b>	Carboranes	N/A	2934.99.90
<b>1C111.c.1</b>	Decaborane	17702-41-9	2850.00.20
<b>1C111.c.1</b>	Pentaborane-9; B <sub>5</sub> H <sub>9</sub>	19624-22-7	2850.00.20
<b>1C111.c.1</b>	Pentaborane-11; B <sub>5</sub> H <sub>11</sub>	18433-84-6	2850.00.20
<b>1C111.c.2</b>	Triethylene glycol dinitrate; TEGDN	111-22-8	2920.90.70
<b>1C111.c.3</b>	2-Nitrodiphenylamine	119-75-5	2921.44.00
<b>1C111.c.4</b>	Trimethylolethane trinitrate; TMETN	3032-55-1	2920.90.70
<b>1C111.c.5</b>	Diethylene glycol dinitrate; DEGDN	693-21-0	2920.90.70
<b>1C111.c.6.a</b>	Catocene	37206-42-1	2931.90.00

<b>1C111.c.6.b</b>	Ethyl ferrocene	1273-89-8	2931.90.00
<b>1C111.c.6.c</b>	Iso-propyl ferrocene	12126-81-7	2931.90.00
<b>1C111.c.6.c</b>	n-Propyl ferrocene	1273-92-3	2931.90.00
<b>1C111.c.6.d</b>	n-Butyl ferrocene	31904-29-7	2931.90.00
<b>1C111.c.6.e</b>	Pentyl ferrocene	1274-00-6	2931.90.00
<b>1C111.c.6.f</b>	Dicyclopentyl ferrocene	125861-17-8	2931.90.00
<b>1C111.c.6.g</b>	Dicyclohexyl ferrocene	N/A	2931.90.00
<b>1C111.c.6.h</b>	Diethyl ferrocene	1273-97-8	2931.90.00
<b>1C111.c.6.i</b>	Dipropyl ferrocene	N/A	2931.90.00
<b>1C111.c.6.j</b>	Dibutyl ferrocene	1274-08-4	2931.90.00
<b>1C111.c.6.k</b>	Dihexyl ferrocene	93894-59-8	2931.90.00
<b>1C111.c.6.l</b>	Acetyl ferrocene	1271-55-2	2931.90.00
<b>1C111.c.6.l</b>	1,1'-Diacetyl ferrocene	1273-94-5	2931.90.00
<b>1C111.c.6.m</b>	Ferrocene carboxylic acid	1271-42-7	2931.90.00
<b>1C111.c.6.m</b>	1,1'-Ferrocenedicarboxylic acid	1293-87-4	2931.90.00
<b>1C111.c.6.n</b>	Butacene	125856-62-4	4002.20.00
<b>1C111.c.7</b>	4,5-diazidomethyl-2-methyl-1,2,3-triazole; iso-DAMTR	N/A	2933.99.80
<b>1C117.a</b>	Tungsten powder	7440-33-7	8101.10.00
<b>1C117.b</b>	Molybdenum powder	7439-98-7	8102.10.00
<b>1C225</b>	Boron-10; <sup>10</sup> B	14798-12-0	2845.90.90
<b>1C227</b>	Calcium	7440-70-2	2805.12.00
<b>1C228</b>	Magnesium powder	7439-95-4	8104.30.00
<b>1C229</b>	Bismuth	7440-69-9	Subhead. 8106.00
<b>1C230</b>	Beryllium carbonate; BeCO <sub>3</sub>	13106-47-3	2836.99.17
<b>1C230</b>	Beryllium chloride; BeCl <sub>2</sub>	7787-47-5	2827.39.85
<b>1C230</b>	Beryllium fluoride; BeF <sub>2</sub>	7787-49-7	2826.19.90
<b>1C230</b>	Beryllium hydroxide; Be(OH) <sub>2</sub>	13327-32-7	2825.90.20
<b>1C230</b>	Beryllium nitrate; Be(NO <sub>3</sub> ) <sub>2</sub>	13597-99-4	2834.29.20
<b>1C230</b>	Beryllium oxide; BeO	1304-56-9	2825.90.20
<b>1C230</b>	Beryllium phosphate; Be <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>	13598-15-7	2835.29.90
<b>1C230</b>	Beryllium powder	7440-41-7	8112.12.00
<b>1C230</b>	Beryllium sulphate anhydrous; BeSO <sub>4</sub>	13510-49-1	2833.29.80
<b>1C230</b>	Beryllium sulphate tetrahydrate; BeSO <sub>4</sub> ·4H <sub>2</sub> O	7787-56-6	2833.29.80

<b>1C231</b>	Hafnium tetrafluoride; HfF <sub>4</sub>	13709-52-9	2826.19.90
<b>1C231</b>	Hafnium boride; HfB <sub>2</sub>	12007-23-7	2850.00.90
<b>1C231</b>	Hafnium carbide; HfC <sub>4</sub>	12069-85-1	2849.90.90
<b>1C231</b>	Hafnium dioxide; HfO <sub>2</sub>	12055-23-1	2825.90.85
<b>1C231</b>	Hafnium nitride; HfN	25817-87-2	2850.00.20
<b>1C231</b>	Hafnium oxychloride; HfOCl <sub>2</sub>	13759-17-6	2827.49.90
<b>1C231</b>	Hafnium powder	7440-58-6	8112.92.10
<b>1C231</b>	Hafnium silicate; HfSiO <sub>4</sub>	13870-13-8	2839.90.00
<b>1C231</b>	Hafnium sulphide; HfS <sub>2</sub>	18855-94-2	2830.90.85
<b>1C232</b>	Helium-3; <sup>3</sup> He	14762-55-1	2845.90.90
<b>1C233</b>	Lithium-6; <sup>6</sup> Li	14258-72-1	2845.90.90
<b>1C234</b>	Zirconium dioxide; ZrO <sub>2</sub>	1314-23-4	2825.60.00
<b>1C234</b>	Zirconium nitrate; Zr(NO <sub>3</sub> ) <sub>4</sub>	13746-89-9	2834.29.80
<b>1C234</b>	Zirconium oxychloride; ZrClO <sub>2</sub>	13520-92-8	2827.49.90
<b>1C234</b>	Zirconium perchlorate; Zr(ClO <sub>4</sub> ) <sub>4</sub>	N/A	2829.90.10
<b>1C234</b>	Zirconium powder	7440-67-7	8109.20.00
<b>1C234</b>	Zirconium sulphate; ZrSO <sub>4</sub>	14644-61-2	2833.29.80
<b>1C234</b>	Zirconium sulphide; ZrS <sub>2</sub>	12039-15-5	2830.90.85
<b>1C234</b>	Zirconium tetrabromide; ZrBr <sub>4</sub>	13777-25-8	2827.59.00
<b>1C234</b>	Zirconium tetrachloride; ZrCl <sub>4</sub>	10026-11-6	2827.39.85
<b>1C234</b>	Zirconium tetrafluoride; ZrF <sub>4</sub>	7783-64-4	2826.19.90
<b>1C234</b>	Zirconium tetrahydroxide; Zr(OH) <sub>4</sub>	14475-63-9	2825.90.85
<b>1C234</b>	Zirconium tetraiodide; ZrI <sub>4</sub>	13986-26-0	2827.60.00
<b>1C235</b>	Tritium; <sup>3</sup> H	10028-17-8	2844.40.20
<b>1C236</b>	Actinium-225; <sup>225</sup> Ac	14265-85-1	2844.40.80
<b>1C236</b>	Actinium-227; <sup>227</sup> Ac	14952-40-0	2844.40.80
<b>1C236</b>	Californium-253; <sup>253</sup> Cf	15720-29-3	2844.40.80
<b>1C236</b>	Curium-240; <sup>240</sup> Cm	15411-90-2	2844.40.80
<b>1C236</b>	Curium-241; <sup>241</sup> Cm	15411-91-3	2844.40.80
<b>1C236</b>	Curium-242; <sup>242</sup> Cm	15510-73-3	2844.40.80
<b>1C236</b>	Curium-243; <sup>243</sup> Cm	15757-87-6	2844.40.80
<b>1C236</b>	Curium-244; <sup>244</sup> Cm	13981-15-2	2844.40.80
<b>1C236</b>	Einsteinium-253; <sup>253</sup> Es	15840-02-5	2844.40.80

<b>1C236</b>	Einsteinium-254; <sup>254</sup> Es	15840-03-6	2844.40.80
<b>1C236</b>	Gadolinium-148; <sup>148</sup> Gd	14119-21-2	2844.40.80
<b>1C236</b>	Plutonium-236; <sup>236</sup> Pu	15411-92-4	2844.20.99
<b>1C236</b>	Plutonium-238; <sup>238</sup> Pu	13981-16-3	2844.20.99
<b>1C236</b>	Polonium-208; <sup>208</sup> Po	N/A	2844.40.80
<b>1C236</b>	Polonium-209; <sup>209</sup> Po	N/A	2844.40.80
<b>1C236</b>	Polonium-210; <sup>210</sup> Po	13981-52-7	2844.40.80
<b>1C236</b>	Radium-223; <sup>223</sup> Ra	15623-45-7	2844.40.80
<b>1C236</b>	Thorium-227; <sup>227</sup> Th	15623-47-9	2844.30.91
<b>1C236</b>	Thorium-228; <sup>228</sup> Th	14274-82-9	2844.30.91
<b>1C236</b>	Uranium-230; <sup>230</sup> U	15743-51-8	Heading 2844
<b>1C236</b>	Uranium-232; <sup>232</sup> U	14158-29-3	Heading 2844
<b>1C237</b>	Radium-226; <sup>226</sup> Ra	13982-63-3	2844.40.80
<b>1C238</b>	Chlorine trifluoride; ClF <sub>3</sub>	7790-91-2	2812.90.00
<b>1C240</b>	Nickel powder	7440-02-0	7504.00.00
<b>1C350.1</b>	Thiodiglycol	111-48-8	2930.70.00
<b>1C350.2</b>	Phosphorus oxychloride; POCl <sub>3</sub>	10025-87-3	2812.12.00
<b>1C350.3</b>	Dimethyl methylphosphonate	756-79-6	2931.31.00
<b>1C350.4</b>	Methylphosphonyl difluoride; DF	676-99-3	2931.39.20
<b>1C350.5</b>	Methylphosphonyl dichloride	676-97-1	2931.39.30
<b>1C350.6</b>	Dimethyl phosphite	868-85-9	2920.21.00
<b>1C350.7</b>	Phosphorus trichloride; PCl <sub>3</sub>	7719-12-2	2812.13.00
<b>1C350.8</b>	Trimethyl phosphite	121-45-9	2920.23.00
<b>1C350.9</b>	Thionyl chloride; SOCl <sub>2</sub>	7719-09-7	2812.17.00
<b>1C350.10</b>	3-Hydroxy-1-methylpiperidine	3554-74-3	2933.39.99
<b>1C350.11</b>	N,N-Diisopropyl-(beta)-aminoethyl chloride	96-79-7	2921.19.99
<b>1C350.12</b>	N,N-Diisopropyl-(beta)-aminoethane thiol	5842-07-9	2930.90.98
<b>1C350.13</b>	3-Quinuclidinol	1619-34-7	2933.39.99
<b>1C350.13</b>	R-(-)-3-Quinuclidinol	25333-42-0	2933.39.99
<b>1C350.14</b>	Potassium fluoride; KF	7789-23-3	2826.19.90
<b>1C350.15</b>	2-Chloroethanol	107-07-3	2905.59.98
<b>1C350.16</b>	Dimethylamine	124-40-3	2921.11.00
<b>1C350.17</b>	Diethyl ethylphosphonate	78-38-6	2931.33.00

<b>1C350.18</b>	Diethyl N,N-dimethylphosphoramidate	2404-03-7	2929.90.00
<b>1C350.19</b>	Diethyl phosphite	762-04-9	2920.22.00
<b>1C350.20</b>	Dimethylamine hydrochloride	506-59-2	2921.11.00
<b>1C350.21</b>	Ethylphosphinyl dichloride	1498-40-4	2931.39.90
<b>1C350.22</b>	Ethylphosphonyl dichloride	1066-50-8	2931.39.90
<b>1C350.23</b>	Ethylphosphonyl difluoride	753-98-0	2931.39.90
<b>1C350.24</b>	Hydrogen fluoride; HF	7664-39-3	2811.11.00
<b>1C350.25</b>	Methyl benzilate	76-89-1	2918.19.98
<b>1C350.26</b>	Methylphosphinyl dichloride	676-83-5	2931.39.90
<b>1C350.27</b>	N,N-Diisopropyl-(beta)-amino-ethanol	96-80-0	2922.18.00
<b>1C350.28</b>	Pinacolyl alcohol	464-07-3	2905.19.00
<b>1C350.29</b>	O-Ethyl O-2-diisopropylaminoethyl methylphosphonite; QL	57856-11-8	2931.39.90
<b>1C350.30</b>	Triethyl phosphite	122-52-1	2920.24.00
<b>1C350.31</b>	Arsenic trichloride; AsCl <sub>3</sub>	7784-34-1	2812.19.90
<b>1C350.32</b>	Benzilic acid	76-93-7	2918.17.00
<b>1C350.33</b>	Diethyl methylphosphonite	15715-41-0	2931.39.90
<b>1C350.34</b>	Dimethyl ethylphosphonate	6163-75-3	2931.39.90
<b>1C350.35</b>	Ethylphosphinyl difluoride	430-78-4	2931.39.90
<b>1C350.36</b>	Methylphosphinyl difluoride	753-59-3	2931.39.90
<b>1C350.37</b>	3-Quinuclidone	3731-38-2	2933.39.99
<b>1C350.38</b>	Phosphorus pentachloride; PCl <sub>5</sub>	10026-13-8	2812.14.00
<b>1C350.39</b>	Pinacolone	75-97-8	2914.19.90
<b>1C350.40</b>	Potassium cyanide; KCN	151-50-8	2837.19.00
<b>1C350.41</b>	Potassium bifluoride; KHF <sub>2</sub>	7789-29-9	2826.19.90
<b>1C350.42</b>	Ammonium hydrogen fluoride; NH <sub>4</sub> HF <sub>2</sub>	1341-49-7	2826.19.10
<b>1C350.43</b>	Sodium fluoride; NaF	7681-49-4	2826.19.10
<b>1C350.44</b>	Sodium bifluoride; NaHF <sub>2</sub>	1333-83-1	2826.19.10
<b>1C350.45</b>	Sodium cyanide; NaCN	143-33-9	2837.11.00
<b>1C350.46</b>	Triethanolamine	102-71-6	2922.15.00
<b>1C350.47</b>	Phosphorus pentasulphide	1314-80-3	2813.90.10
<b>1C350.48</b>	Diisopropylamine	108-18-9	2921.19.99
<b>1C350.49</b>	Diethylaminoethanol	100-37-8	2922.19.00
<b>1C350.50</b>	Sodium sulphide; Na <sub>2</sub> S	1313-82-2	2830.10.00

<b>1C350.51</b>	Sulphur monochloride; S <sub>2</sub> Cl <sub>2</sub>	10025-67-9	2812.15.00
<b>1C350.52</b>	Sulphur dichloride; SCl <sub>2</sub>	10545-99-0	2812.16.00
<b>1C350.53</b>	Triethanolamine hydrochloride	637-39-8	2922.19.00
<b>1C350.54</b>	N,N-Diisopropyl-2-aminoethyl chloride hydrochloride	4261-68-1	2921.14.00
<b>1C350.55</b>	Methylphosphonic acid	993-13-5	2931.39.90
<b>1C350.56</b>	Diethyl methylphosphonate	683-08-9	2931.39.90
<b>1C350.57</b>	N,N-Dimethylaminophosphoryl dichloride	677-43-0	2929.90.00
<b>1C350.58</b>	Triisopropyl phosphite	116-17-6	2920.29.00
<b>1C350.59</b>	Ethyl diethanolamine	139-87-7	2922.17.00
<b>1C350.60</b>	O,O-Diethyl phosphorothioate	2465-65-8	2920.19.00
<b>1C350.61</b>	O,O-Diethyl phosphorodithioate	298-06-6	2920.19.00
<b>1C350.62</b>	Sodium hexafluorosilicate; NaSiF <sub>6</sub>	16893-85-9	2826.90.80
<b>1C350.63</b>	Methylphosphonothioic dichloride	676-98-2	2931.39.90
<b>1C350.64</b>	Diethylamine	109-89-7	2921.19.50
<b>1C350.65</b>	N,N-Diisopropylaminoethanethiol hydrochloride	41480-75-5	2930.90.98
<b>1C350.66</b>	Methyl dichlorophosphate	677-24-7	2920.90.70
<b>1C350.67</b>	Ethyl dichlorophosphate	1498-51-7	2920.90.70
<b>1C350.68</b>	Methyl difluorophosphate	22382-13-4	2920.90.70
<b>1C350.69</b>	Ethyl difluorophosphate	460-52-6	2920.90.70
<b>1C350.70</b>	Diethyl chlorophosphite	589-57-1	2920.29.00
<b>1C350.71</b>	Methyl chlorofluorophosphate	754-01-8	2920.90.70
<b>1C350.72</b>	Ethyl chlorofluorophosphate	762-77-6	2920.90.70
<b>1C350.73</b>	N,N-Dimethylformamidine	44205-42-7	2925.29.00
<b>1C350.74</b>	N,N-Diethylformamidine	90324-67-7	2925.29.00
<b>1C350.75</b>	N,N-Dipropylformamidine	48044-20-8	2925.29.00
<b>1C350.76</b>	N,N-Diisopropylformamidine	857522-08-8	2925.29.00
<b>1C350.77</b>	N,N-Dimethylacetamidine	2909-14-0	2925.29.00
<b>1C350.78</b>	N,N-Diethylacetamidine	14277-06-6	2925.29.00
<b>1C350.79</b>	N,N-Dipropylacetamidine	1339586-99-0	2925.29.00
<b>1C350.80</b>	N,N-Dimethylpropanamidine	56776-14-8	2925.29.00
<b>1C350.81</b>	N,N-Diethylpropanamidine	84764-73-8	2925.29.00
<b>1C350.82</b>	N,N-Dipropylpropanamidine	1341496-89-6	2925.29.00
<b>1C350.83</b>	N,N-Dimethylbutanamidine	1340437-35-5	2925.29.00



<b>1C350.84</b>	N,N-Diethylbutanamidine	53510-30-8	2925.29.00
<b>1C350.85</b>	N,N-Dipropylbutanamidine	1342422-35-8	2925.29.00
<b>1C350.86</b>	N,N-Diisopropylbutanamidine	1315467-17-4	2925.29.00
<b>1C350.87</b>	N,N-Dimethylisobutanamidine	321881-25-8	2925.29.00
<b>1C350.88</b>	N,N-Diethylisobutanamidine	1342789-47-2	2925.29.00
<b>1C350.89</b>	N,N-Dipropylisobutanamidine	1342700-45-1	2925.29.00
<b>1C351.d.4</b>	Ricin	9009-86-3	3002.90.90
<b>1C351.d.5</b>	Saxitoxin	35523-89-8	3002.90.90
<b>1C351.d.8</b>	Tetrodotoxin; TTX	4368-28-9	2939.98.00
<b>1C351.d.11</b>	Aflatoxin B1	1162-65-8	3002.90.90
<b>1C351.d.11</b>	Aflatoxin B2	7220-81-7	2932.20.90
<b>1C351.d.11</b>	Aflatoxin G1	1165-39-5	3002.90.90
<b>1C351.d.11</b>	Aflatoxin M1	6795-23-9	3002.90.90
<b>1C450.a.1</b>	2-[(diethoxyphosphoryl)sulfanyl]-N,N,N-triethylethanaminium; Amiton salt	20194-81-4	2930.90.98
<b>1C450.a.1</b>	O,O-diethyl S-[2-(diethylamino)ethyl] phosphorothioate; Amiton	78-53-5	2930.90.98
<b>1C450.a.1</b>	[2-(diethylthiophosphor-S-yl)ethyl]diethylammonium hydrogen oxalate; Amiton salt	3734-97-2	2930.90.98
<b>1C450.a.2</b>	1,1,3,3,3-pentafluoro-2-(trifluoromethyl)prop-1-ene; PFIB	382-21-8	2903.39.39
<b>1C450.a.3</b>	3-Quinuclidinyl benzilate; BZ	6581-06-2	2933.39.99
<b>1C450.a.4</b>	Phosgene; COCl <sub>2</sub>	75-44-5	2812.11.00
<b>1C450.a.5</b>	Cyanogen chloride; CNCl	506-77-4	2853.10.00
<b>1C450.a.6</b>	Hydrogen cyanide; HCN	74-90-8	2811.12.00
<b>1C450.a.7</b>	Chloropicrin	76-06-2	2904.91.00
<b>1C450.b.1</b>	Aluminium methyl methylphosphonate	35851-62-8	2931.39.90
<b>1C450.b.1</b>	Aluminium methyl propylphosphonate	114076-21-0	2931.39.90
<b>1C450.b.1</b>	Bis(1-ethylpropyl) methylphosphonate	5828-67-1	2931.39.90
<b>1C450.b.1</b>	Bis(1-methylbutyl) methylphosphonate	460091-25-2	2931.39.90
<b>1C450.b.1</b>	Bis(1-methylethyl) methylphosphonate	1445-75-6	2931.39.90
<b>1C450.b.1</b>	Bis(1-methylheptyl) methylphosphonate	76341-63-4	2931.39.90
<b>1C450.b.1</b>	Bis(1-methylpentyl) methylphosphonate	1020119-28-1	2931.39.90
<b>1C450.b.1</b>	Bis(1,2,2-trimethylpropyl) ethylphosphonate	169739-48-4	2931.39.90
<b>1C450.b.1</b>	Bis(1,2,2-trimethylpropyl) methylphosphonate	7040-58-6	2931.39.90
<b>1C450.b.1</b>	Bis(1,2,2-trimethylpropyl) propylphosphonate	192438-31-6	2931.39.90

<b>1C450.b.1</b>	Bis(1,3-dimethylbutyl) methylphosphonate	959028-09-2	2931.39.90
<b>1C450.b.1</b>	Bis(2-chloroethyl) methylphosphonate	2799-58-8	2931.39.90
<b>1C450.b.1</b>	Bis(2-ethylhexyl) methylphosphonate	60556-68-5	2931.39.90
<b>1C450.b.1</b>	Bis(2-methoxyethyl) ethylphosphonate	170275-34-0	2931.39.90
<b>1C450.b.1</b>	Bis(2-methoxyethyl) methylphosphonate	6069-09-6	2931.39.90
<b>1C450.b.1</b>	Bis(polyoxyethylene) methylphosphonate	363626-50-0	Subhead. 3907.20
<b>1C450.b.1</b>	Bis[(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate	42595-45-9	2931.37.00
<b>1C450.b.1</b>	Boranylidene methylphosphonium	14975-23-6	2931.39.90
<b>1C450.b.1</b>	(E)-2-Butenyl methylphosphonofluoridate	138780-00-4	2931.39.90
<b>1C450.b.1</b>	Butyl methyl methylphosphonate	683-32-9	2931.39.90
<b>1C450.b.1</b>	Butyl methylphosphinate	6172-80-1	2931.39.90
<b>1C450.b.1</b>	Butyl methylphosphonate	1832-55-9	2931.39.90
<b>1C450.b.1</b>	Butyl methylphosphonochloridate	23164-47-8	2931.39.90
<b>1C450.b.1</b>	O-(3-chloropropyl) O-[4-nitro-3-(trifluoromethyl)phenyl] methylphosphonothionate	849-29-6	2931.39.90
<b>1C450.b.1</b>	Cyclohexyl ethylphosphonate	170424-87-0	2931.39.90
<b>1C450.b.1</b>	Cyclohexyl ethylphosphonochloridate	57523-33-8	2931.39.90
<b>1C450.b.1</b>	Cyclohexyl methyl methylphosphonate	7040-52-0	2931.39.90
<b>1C450.b.1</b>	Cyclohexyl methylphosphonate	1932-60-1	2931.39.90
<b>1C450.b.1</b>	Cyclohexyl methylphosphonochloridate	7040-92-8	2931.39.90
<b>1C450.b.1</b>	O-Cyclohexyl methylphosphonofluoridothioate	4241-34-3	2931.39.90
<b>1C450.b.1</b>	Dibutyl methylphosphonate	2404-73-1	2931.39.90
<b>1C450.b.1</b>	O,O-Dibutyl methylphosphonothioate	18628-73-4	2931.39.90
<b>1C450.b.1</b>	Dibutyl propylphosphonate	4628-12-0	2931.39.90
<b>1C450.b.1</b>	Dicyclohexyl methylphosphonate	7040-53-1	2931.39.90
<b>1C450.b.1</b>	Dicyclopentyl methylphosphonate	22583-27-3	2931.39.90
<b>1C450.b.1</b>	Diethyl ethylphosphonite	2651-85-6	2931.39.90
<b>1C450.b.1</b>	Diethyl isopropylphosphonate	1538-69-8	2931.39.90
<b>1C450.b.1</b>	Diethyl isopropylphosphonite	61820-31-3	2931.39.90
<b>1C450.b.1</b>	S,S-Diethyl methylphosphonodithioate	995-88-0	2930.90.98
<b>1C450.b.1</b>	O,O-Diethyl methylphosphonothioate	6996-81-2	2931.39.90
<b>1C450.b.1</b>	Diethyl propylphosphonate	18812-51-6	2931.39.90
<b>1C450.b.1</b>	Diheptyl methylphosphonate	77304-64-4	2931.39.90

<b>1C450.b.1</b>	Dihexyl isopropylphosphonate	148456-62-6	2931.39.90
<b>1C450.b.1</b>	Dihexyl methylphosphonate	77304-63-3	2931.39.90
<b>1C450.b.1</b>	Diisopropyl dimethyldiphosphonate	28616-51-5	2931.39.90
<b>1C450.b.1</b>	Diisopropyl ethylphosphonate	1067-69-2	2931.39.90
<b>1C450.b.1</b>	Diisopropyl isopropylphosphonate	3759-39-5	2931.39.90
<b>1C450.b.1</b>	Diisopropyl propylphosphonate	18812-55-0	2931.39.90
<b>1C450.b.1</b>	3,9-Dimethyl-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane 3,9-dioxide	3001-98-7	2931.39.90
<b>1C450.b.1</b>	Dimethyl ethylphosphonite	15715-42-1	2931.39.90
<b>1C450.b.1</b>	Dimethyl isopropylphosphonate	54552-77-1	2931.39.90
<b>1C450.b.1</b>	Dimethyl propylphosphonate	18755-43-6	2931.32.00
<b>1C450.b.1</b>	Dinonyl methylphosphonate	95428-88-9	2931.39.90
<b>1C450.b.1</b>	Diethyl ethylphosphonate	6156-13-4	2931.39.90
<b>1C450.b.1</b>	Diethyl isopropylphosphonate	83218-22-8	2931.39.90
<b>1C450.b.1</b>	Diethyl methylphosphonate	1832-68-4	2931.39.90
<b>1C450.b.1</b>	Diethyl propylphosphonate	959044-15-6	2931.39.90
<b>1C450.b.1</b>	O,O-Dipentyl methylphosphonothioate	91964-75-9	2931.39.90
<b>1C450.b.1</b>	Diphenyl methylphosphonate	7526-26-3	2931.39.90
<b>1C450.b.1</b>	Dipinacolyl dimethyldiphosphonate	81397-56-0	2931.39.90
<b>1C450.b.1</b>	Dipropyl isopropylphosphonate	192698-90-1	2931.39.90
<b>1C450.b.1</b>	S-2-Dipropylaminoethyl methylphosphonothionofluoridate	28841-40-9	2930.90.98
<b>1C450.b.1</b>	Dipropyldiphosphonic acid	71760-04-8	2931.39.90
<b>1C450.b.1</b>	(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate	41203-81-0	2931.36.00
<b>1C450.b.1</b>	O-ethyl ethylchloridothiophosphonate	1497-68-3	2931.39.90
<b>1C450.b.1</b>	Ethyl ethylphosphonate	7305-61-5	2931.39.90
<b>1C450.b.1</b>	Ethyl isopropylphosphonate	4546-11-7	2931.39.90
<b>1C450.b.1</b>	Ethyl methyl ethylisopropylphosphoramidate	906801-34-1	2929.90.00
<b>1C450.b.1</b>	Ethyl methyl methylphosphonate	18755-36-7	2931.39.90
<b>1C450.b.1</b>	Ethyl methylphosphinate	16391-07-4	2931.39.90
<b>1C450.b.1</b>	Ethyl methylphosphonate	1832-53-7	2931.39.90
<b>1C450.b.1</b>	Ethyl methylphosphonite	89034-24-2	2931.39.90
<b>1C450.b.1</b>	Ethyl methylphosphonochloridate	5284-09-3	2931.39.90
<b>1C450.b.1</b>	O-Ethyl methylphosphonochloridothioate	2524-16-5	2931.39.90

<b>1C450.b.1</b>	Ethyl N,N-diethyl-P-methylphosphonamidate	2404-81-1	2931.39.90
<b>1C450.b.1</b>	Ethyl propylphosphonochloridate	28830-00-4	2931.39.90
<b>1C450.b.1</b>	Ethyl S-dicyclohexylammonium methylphosphonothioate	73790-51-9	2931.39.90
<b>1C450.b.1</b>	O-Ethyl S-hydrogen methylphosphonothioate	18005-40-8	2931.39.90
<b>1C450.b.1</b>	2-Ethylhexyl methylphosphonate	13688-82-9	2931.39.90
<b>1C450.b.1</b>	Ethylphosphonic acid	6779-09-5	2931.39.90
<b>1C450.b.1</b>	Ethylphosphonothioic dichloride	993-43-1	2931.39.90
<b>1C450.b.1</b>	Ethylphosphonothioic O,O-acid	13991-98-5	2931.39.90
<b>1C450.b.1</b>	Heptyl methylphosphonate	170275-32-8	2931.39.90
<b>1C450.b.1</b>	Hexyl methylphosphonate	148456-69-3	2931.39.90
<b>1C450.b.1</b>	Isobutyl isopropylphosphonochloridate	170082-70-9	2931.39.90
<b>1C450.b.1</b>	Isobutyl methylphosphonate	1604-38-2	2931.39.90
<b>1C450.b.1</b>	Isobutyl methylphosphonochloridate	18359-05-2	2931.39.90
<b>1C450.b.1</b>	O-Isobutyl methylphosphonothioate	20626-99-7	2931.39.90
<b>1C450.b.1</b>	Isobutyl propylphosphonochloridate	13213-47-3	2931.39.90
<b>1C450.b.1</b>	Isopropyl 1,2,2-trimethylpropyl methylphosphonate	92411-67-1	2931.39.90
<b>1C450.b.1</b>	Isopropyl ethylphosphonate	170135-50-9	2931.39.90
<b>1C450.b.1</b>	Isopropyl ethylphosphonochloridate	28829-95-0	2931.39.90
<b>1C450.b.1</b>	Isopropyl isopropylphosphonate	249934-15-4	2931.39.90
<b>1C450.b.1</b>	Isopropyl methyl isopropylphosphonate	331954-04-2	2931.39.90
<b>1C450.b.1</b>	Isopropyl methyl phosphonic acid	1832-54-8	2931.39.90
<b>1C450.b.1</b>	Isopropyl methyl propylphosphonate	211923-89-6	2931.39.90
<b>1C450.b.1</b>	Isopropyl propylphosphonate	53621-99-1	2931.39.90
<b>1C450.b.1</b>	Isopropylphosphonic dichloride	1498-46-0	2931.39.90
<b>1C450.b.1</b>	Isopropylphosphonothioic dichloride	1498-60-8	2931.39.90
<b>1C450.b.1</b>	Isopropylphosphonous dichloride	25235-15-8	2931.39.90
<b>1C450.b.1</b>	Methyl 1,2,2-trimethylpropyl methylphosphonate	7040-59-7	2931.39.90
<b>1C450.b.1</b>	Methyl 3-(trimethoxysilyl)propyl methylphosphonate	67812-17-3	2931.39.90
<b>1C450.b.1</b>	O-Methyl ethylphosphonochloridothioate	1497-69-4	2931.39.90
<b>1C450.b.1</b>	Methyl isopropylphosphonate	249934-13-2	2931.39.90
<b>1C450.b.1</b>	Methyl methylphosphonate	1066-53-1	2931.39.90
<b>1C450.b.1</b>	O-Methyl methylphosphonochloridothioate	2524-15-4	2931.39.90
<b>1C450.b.1</b>	S-Methyl methylphosphonochloridothioate	13113-89-8	2930.90.98

<b>1C450.b.1</b>	S-Methyl methylphosphonothioate	73675-56-6	2930.90.98
<b>1C450.b.1</b>	Methyl propyl isopropylphosphonate	741700-63-0	2931.39.90
<b>1C450.b.1</b>	Methyl propyl propylphosphonate	18755-44-7	2931.39.90
<b>1C450.b.1</b>	1-Methylbutyl methylphosphonate	198885-54-0	2931.39.90
<b>1C450.b.1</b>	1-Methylheptyl methylphosphonate	148456-51-3	2931.39.90
<b>1C450.b.1</b>	1-Methylpentyl methylphosphonate	944146-50-3	2931.39.90
<b>1C450.b.1</b>	4-Methylpentyl methylphosphonate	944146-51-4	2931.39.90
<b>1C450.b.1</b>	Methylphosphinic acid	4206-94-4	2931.39.90
<b>1C450.b.1</b>	Methylphosphonic acid compound with (aminoiminomethyl)urea (1:1)	84402-58-4	2931.38.00
<b>1C450.b.1</b>	P-methylphosphonic diamide	4759-30-2	2931.39.90
<b>1C450.b.1</b>	Methylphosphonothioic O,O-acid	5994-73-0	2931.39.90
<b>1C450.b.1</b>	1-Methylprop-2-yn-1-yl methylphosphonofluoridate	30593-71-6	2931.39.90
<b>1C450.b.1</b>	2-Methylpropyl methyl methylphosphonate	150799-85-2	2931.39.90
<b>1C450.b.1</b>	Methyltriphenoxyphosphonium iodide	17579-99-6	2931.39.90
<b>1C450.b.1</b>	Mixture of CAS RN 41203-81-0 and CAS RN 42595-45-9	170836-68-7	3824.91.00
<b>1C450.b.1</b>	Nonyl methylphosphonate	1832-60-6	2931.39.90
<b>1C450.b.1</b>	Octyl isopropylphosphonate	108506-63-4	2931.39.90
<b>1C450.b.1</b>	Octyl methylphosphonate	1832-58-2	2931.39.90
<b>1C450.b.1</b>	Octyl propylphosphonate	781566-65-2	2931.39.90
<b>1C450.b.1</b>	Pentamethylphosphonic diamide	2511-17-3	2931.39.90
<b>1C450.b.1</b>	Phenyl ethylphosphonofluoridate	959259-83-7	2931.39.90
<b>1C450.b.1</b>	Phenyl methylphosphonofluoridate	133826-40-1	2931.39.90
<b>1C450.b.1</b>	Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560	663176-00-9	3824.99.92
<b>1C450.b.1</b>	Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560 TP	294675-51-7	3824.99.92
<b>1C450.b.1</b>	Phosphonothioic acid, P-methyl-, O,S-diethyl ester	2511-10-6	2930.90.98
<b>1C450.b.1</b>	Phosphorus oxide, polymer with dimethyl methylphosphonate and oxirane; Fyroltex HP or Fyrol 51	70715-06-9	3824.99.86
<b>1C450.b.1</b>	Poly(1,3-phenylene methyl phosphonate)	63747-58-0	Subhead. 3911.90
<b>1C450.b.1</b>	Product from the reaction of Methylphosphonic acid and 1,2-Ethanediamine	99580-93-5	2931.39.90
<b>1C450.b.1</b>	Product from the reaction of Methylphosphonic acid and 1,3,5-Triazine-2,4,6-triamine 2,4,6-triamine	129788-86-9	2931.39.90
<b>1C450.b.1</b>	Propyl 1,2,2-trimethylpropyl methylphosphonate	90550-49-5	2931.39.90
<b>1C450.b.1</b>	Propyl isopropylphosphonate	741700-67-4	2931.39.90
<b>1C450.b.1</b>	Propyl methylphosphonate	4546-11-6	2931.39.90

<b>1C450.b.1</b>	Propyl methylphosphonochloridate	15110-09-5	2931.39.90
<b>1C450.b.1</b>	O-Propyl methylphosphonothionochloridate	18005-37-3	2931.39.90
<b>1C450.b.1</b>	Propyl propylphosphonate	21921-97-1	2931.39.90
<b>1C450.b.1</b>	Propylphosphonic acid	4672-38-2	2931.39.90
<b>1C450.b.1</b>	Propylphosphonothioic dichloride	2524-01-8	2931.39.90
<b>1C450.b.1</b>	Propylphosphonothioic O,O-acid	27797-35-9	2931.39.90
<b>1C450.b.1</b>	Propylphosphonyl dichloride	4708-04-7	2931.39.90
<b>1C450.b.1</b>	sec-butyl isopropylphosphonochloridate	170082-69-6	2931.39.90
<b>1C450.b.1</b>	sec-butyl propylphosphonochloridate	170082-71-0	2931.39.90
<b>1C450.b.1</b>	Sodium 3-(trihydroxysilyl)propyl methylphosphonate	84962-98-1	2931.34.00
<b>1C450.b.1</b>	Sodium O-butyl methylphosphonothioate	51825-85-5	2931.39.90
<b>1C450.b.1</b>	Sodium O-ethyl ethylphosphonothioate	17390-16-8	2931.39.90
<b>1C450.b.1</b>	Sodium O-ethyl methylphosphonothioate	22307-81-9	2931.39.90
<b>1C450.b.1</b>	Sodium O-ethyl propylphosphonothioate	117122-90-4	2931.39.90
<b>1C450.b.1</b>	Sodium O-isobutyl methylphosphonothioate	74789-32-5	2931.39.90
<b>1C450.b.1</b>	Sodium O-isopropyl methylphosphonothioate	92475-33-7	2931.39.90
<b>1C450.b.1</b>	Sodium O-methyl methylphosphonothioate	74789-31-4	2931.39.90
<b>1C450.b.1</b>	Sodium O-propyl methylphosphonothioate	51825-84-4	2931.39.90
<b>1C450.b.1</b>	1,2,2-Trimethylpropyl ethylphosphonate	143663-83-6	2931.39.90
<b>1C450.b.1</b>	1,2,2-Trimethylpropyl isopropylphosphonate	249934-16-5	2931.39.90
<b>1C450.b.1</b>	1,2,2-Trimethylpropyl methylphosphonate	616-52-4	2931.39.90
<b>1C450.b.1</b>	1,2,2-Trimethylpropyl propylphosphonate	249934-12-1	2931.39.90
<b>1C450.b.1</b>	2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide	68957-94-8	2931.35.00
<b>1C450.b.2</b>	Diethylphosphoramidic bromide fluoride	758-71-4	2929.90.00
<b>1C450.b.2</b>	Diethylphosphoramidic chloride fluoride	650-72-6	2929.90.00
<b>1C450.b.2</b>	Diethylphosphoramidic dichloride	1498-54-0	2929.90.00
<b>1C450.b.2</b>	Diethylphosphoramidic difluoride	359-94-4	2929.90.00
<b>1C450.b.2</b>	Diisopropylphosphoramidic dichloride	23306-80-1	2929.90.00
<b>1C450.b.2</b>	Dimethylphosphoramidic chloride fluoride	36598-84-2	2929.90.00
<b>1C450.b.2</b>	Dimethylphosphoramidic difluoride	354-43-8	2929.90.00
<b>1C450.b.2</b>	Dipropylphosphoramidic dichloride	40881-98-9	2929.90.00
<b>1C450.b.2</b>	Dipropylphosphoramidic difluoride	40882-01-7	2929.90.00
<b>1C450.b.2</b>	Ethylisopropylphosphoramidic dichloride	777943-37-0	2929.90.00

<b>1C450.b.2</b>	Ethylmethylphosphoramidic dichloride	777943-34-7	2929.90.00
<b>1C450.b.2</b>	Ethylpropylphosphoramidic dichloride	777943-38-1	2929.90.00
<b>1C450.b.2</b>	Isopropylmethylphosphoramidic dichloride	777943-36-9	2929.90.00
<b>1C450.b.2</b>	Methylpropylphosphoramidic dichloride	777943-35-8	2929.90.00
<b>1C450.b.3</b>	Diethyl ethyl(methyl)phosphoramidate	53279-98-4	2929.90.00
<b>1C450.b.3</b>	Diethyl N,N-dimethylphosphoramidate	2404-03-7	2929.90.00
<b>1C450.b.3</b>	Diethyl N,N-dipropylphosphoramidate	91043-34-4	2929.90.00
<b>1C450.b.3</b>	Diisopropyl N,N-dimethylphosphoramidate	2404-04-8	2929.90.00
<b>1C450.b.3</b>	Dimethyl N,N-diethylphosphoramidate	65659-19-0	2929.90.00
<b>1C450.b.3</b>	Dimethyl N,N-diisopropylphosphoramidate	170275-46-4	2929.90.00
<b>1C450.b.3</b>	Dimethyl N,N-dimethylphosphoramidate	597-07-9	2929.90.00
<b>1C450.b.3</b>	Dipropyl N,N-diethylphosphoramidate	22250-42-6	2929.90.00
<b>1C450.b.3</b>	Dipropyl N,N-dimethylphosphoramidate	98543-28-3	2929.90.00
<b>1C450.b.3</b>	Dipropyl N,N-dipropylphosphoramidate	17123-10-3	2929.90.00
<b>1C450.b.3</b>	Ethyl methyl N,N-diisopropylphosphoramidate	848216-15-9	2929.90.00
<b>1C450.b.3</b>	Phosphoramidic acid, diethyl-, diethyl ester	3167-69-9	2929.90.00
<b>1C450.b.4</b>	2-chloro-N-ethyl-N-methylethanamine	54153-16-1	2921.19.99
<b>1C450.b.4</b>	2-chloro-N-ethyl-N-methylethanamine hydrochloride	4535-88-0	2921.19.99
<b>1C450.b.4</b>	2-chloroethyl(diethyl)ammonium sulphate	68391-41-3	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-(isopropyl)propan-1-amine	688299-03-8	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-ethylpropan-1-amine hydrochloride	13105-93-6	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-ethylpropan-2-amine	92204-40-5	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-isopropylpropan-1-amine hydrochloride	4535-89-1	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-methylpropan-1-amine	763884-48-6	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-methylpropan-2-amine hydrochloride	15512-81-9	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-methylpropan-2-amine	408326-30-7	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-propylpropan-1-amine	36716-60-6	2921.19.99
<b>1C450.b.4</b>	N-(2-chloroethyl)-N-propylpropan-1-amine hydrochloride	4535-86-8	2921.19.99
<b>1C450.b.4</b>	2-Chloroethyldimethylamine	107-99-3	2921.19.99
<b>1C450.b.4</b>	N,N-Diethylaminoethyl-2-chloride	100-35-6	2921.19.99
<b>1C450.b.4</b>	N,N-Diethylaminoethyl-2-chloride hydrochloride	869-24-9	2921.13.00
<b>1C450.b.4</b>	2-(N,N-Dimethylamino)ethylchloride hydrochloride	4584-46-7	2921.12.00
<b>1C450.b.4</b>	Ethanamine, 2-chloro-N,N-diethyl-, sulfate	67845-39-0	2921.19.99

<b>1C450.b.5</b>	2-(N,N-Diisopropylamino)ethanol hydrogen sulfide salt	1373773-53-5	2922.19.00
<b>1C450.b.5</b>	2-(diisopropylamino)ethanol hydrochloride	63051-68-3	2922.19.00
<b>1C450.b.5</b>	2-(Dipropylamino)ethanol	3238-75-3	2922.19.00
<b>1C450.b.5</b>	2-(Ethylisopropylamino)ethanol	2893-61-0	2922.19.00
<b>1C450.b.5</b>	2-(Ethylmethylamino)ethanol	2893-43-8	2922.19.00
<b>1C450.b.5</b>	2-(Ethylpropylamino)ethanol	2893-56-3	2922.19.00
<b>1C450.b.5</b>	(2-Hydroxyethyl)dipropan-1-ylammonium chloride	4535-76-6	2922.19.00
<b>1C450.b.5</b>	2-[isopropyl(methyl)amino]ethanol	2893-49-4	2922.19.00
<b>1C450.b.5</b>	2-[isopropyl(propyl)amino]ethanol	4535-77-7	2922.19.00
<b>1C450.b.5</b>	2-(Methylpropylamino)ethanol	2893-45-0	2922.19.00
<b>1C450.b.6</b>	Diethyl-2-mercaptoethylammonium chloride	1942-52-5	2930.90.98
<b>1C450.b.6</b>	2-(N,N-Diethylamino)ethanethiol	100-38-9	2930.60.00
<b>1C450.b.6</b>	2-(N,N-diethylamino)ethanethiolate sodium	58607-68-4	2930.90.98
<b>1C450.b.6</b>	2-(Diisopropylamino)ethanethiol	5842-07-9	2930.90.98
<b>1C450.b.6</b>	N,N-Dimethylaminoethane-2-thiol	108-02-1	2930.90.98
<b>1C450.b.6</b>	N,N-Dimethylaminoethane-2-thiol hydrochloride	13242-44-9	2930.90.98
<b>1C450.b.6</b>	2-(Dipropylamino)ethanethiol	5842-06-8	2930.90.98
<b>1C450.b.6</b>	2-(N-Ethyl-N-isopropylamino)ethanethiol hydrochloride	1017861-37-8	2930.90.98
<b>1C450.b.6</b>	2-(N-Ethyl-N-methylamino)ethanethiol hydrochloride	1017861-21-0	2930.90.98
<b>1C450.b.6</b>	2-(N-Ethyl-N-propylamino)ethanethiol hydrochloride	1017861-34-5	2930.90.98
<b>1C450.b.6</b>	2-[ethyl(methyl)amino]ethanethiol	63210-55-9	2930.90.98
<b>1C450.b.6</b>	2-(Ethylisopropylamino)ethanethiol	36759-67-8	2930.90.98
<b>1C450.b.6</b>	2-(Ethylpropylamino)ethanethiol	1018124-39-4	2930.90.98
<b>1C450.b.6</b>	2-(N-Isopropyl-N-methylamino)ethanethiol hydrochloride	1017861-29-8	2930.90.98
<b>1C450.b.6</b>	2-(N-Isopropyl-N-propylamino)ethanethiol hydrochloride	1017861-45-8	2930.90.98
<b>1C450.b.6</b>	2-[isopropyl(methyl)amino]ethanethiol	36759-66-7	2930.90.98
<b>1C450.b.6</b>	2-[isopropyl(propyl)amino]ethanethiol	36759-68-9	2930.90.98
<b>1C450.b.6</b>	2-(N-Methyl-N-propylamino)ethanethiol	1018124-38-3	2930.90.98
<b>1C450.b.6</b>	2-(N-Methyl-N-propylamino)ethanethiol hydrochloride	1017861-26-5	2930.90.98
<b>1C450.b.7</b>	Ethyl-diethanolamine	139-87-7	2922.17.00
<b>1C450.b.8</b>	Methyl-diethanolamine	105-59-9	2922.17.00
<b>6C002.a</b>	Tellurium	13494-80-9	2804.50.90
<b>6C002.b.1</b>	Cadmium Zinc telluride; CdZnTe	303114-50-3	2842.90.10



<b>6C002.b.2</b>	Cadmium telluride; CdTe	1306-25-8	2842.90.10
<b>6C002.b.3</b>	Mercury Cadmium telluride; HgCdTe	29870-72-2	2842.90.10
<b>6C004.a</b>	Zinc selenide; ZnSe	1315-09-9	2842.90.10
<b>6C004.b</b>	Gallium selenide; GaSe	12024-11-2	2842.90.10
<b>6C004.b</b>	Potassium tinanyl arsenate; KTA	59400-80-5	2842.90.80
<b>6C004.b</b>	Silver gallium selenide; AgGaSe <sub>2</sub> (AGSE)	12002-67-4	2842.90.10
<b>6C004.b</b>	Thallium arsenic selenide; Tl <sub>3</sub> AsSe <sub>3</sub> (TAS)	16142-89-5	2842.90.10
<b>6C004.b</b>	Zinc germanium phosphide; ZnGeP <sub>2</sub> (ZGP)	N/A	2853.90.90

## 2.2 Chemical Weapons Convention

The Chemical Weapons Convention (CWC) is an arms control treaty of 1993, entered into force in 1997, that outlaws the production, stockpiling, and use of chemical weapons and their precursors and it is administered by the Organisation for the Prohibition of Chemical Weapons (OPCW).

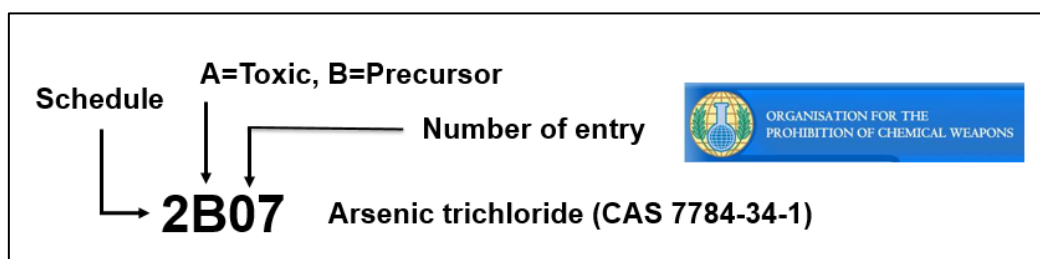
The chemicals of concern are organised to reflect the risk posed by the chemical to the objectives of the Convention, with decreasing risk across the schedules

- Schedule 1 covers chemicals that possess lethal or incapacitating toxicity and other properties that would enable it to be used as a chemical weapon (Schedule 1A), and their final stage precursors (Schedule 1B). They pose a high risk to the objectives of the Convention and have little or no commercial application <sup>(20)</sup>.
- Schedule 2 covers chemicals which are potential chemical warfare agents (Schedule 2A), and other chemical weapons precursors (Schedule 2B). They pose a significant risk to the objectives of the Convention and have moderate level of commercial application <sup>(21)</sup>.
- Schedule 3 covers chemicals which had previously been produced, stockpiled or used as a chemical weapon. They pose a risk to the objectives of the Convention by virtue of its importance in the production of one or more chemicals listed in Schedule 1 or Schedule 2B. Schedule 3 chemicals have widespread commercial application <sup>(22)</sup>.

The Schedules of the CWC have only been modified once since the treaty entered in force in 1997. The modification was adopted in November 2019 with the inclusion of 4 new families of toxic chemicals to the Schedule 1, some of them related to the family of Novichok chemicals.

The CWC classifies chemicals by Schedules but also according to their role either as a toxic chemical (identified with an A) or a chemical precursor (identified with a B), see figure 6.

**Figure 6.** Codification of chemicals used by the CWC



OPCW makes available a Declarations Handbook <sup>(23)</sup> that serves as guidance for the preparation of declarations to be submitted by States Parties in accordance with the requirements of the Convention. The Declarations Handbook is a nonbinding document which provides practical support to States Parties on how to report the information on declarable facilities and activities, including exports, thereby ensuring that these are effectively brought under the purview of the Convention's verification regime.

<sup>(20)</sup> Schedule 1 of the Chemical Weapons Convention.  
<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-1>

<sup>(21)</sup> Schedule 2 of the Chemical Weapons Convention.  
<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-2>

<sup>(22)</sup> Schedule 3 of the Chemical Weapons Convention.  
<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-3>

<sup>(23)</sup> DECLARATIONS HANDBOOK 2013; OPCW; Revised version 2: 1 January 2017.  
<https://www.opcw.org/documents/2017/01/en-declarations-handbook-2013-revised-2017>

**Table 3.** Chemicals subject to Chemical Weapons Convention treaty

<b>CWC Ref.</b>	<b>Chemical name</b>	<b>CAS number</b>	<b>CN code</b>
1A01	Butyl ethylphosphonofluoridate	18358-34-4	2931.39.90
1A01	Butyl isopropylphosphonofluoridate	333416-30-1	2931.39.90
1A01	Butyl methylphosphonofluoridate	352-63-6	2931.39.90
1A01	Butyl propylphosphonofluoridate	333416-16-3	2931.39.90
1A01	Cyclobutyl ethylphosphonofluoridate	345239-03-4	2931.39.90
1A01	Cyclobutyl isopropylphosphonofluoridate	345239-04-5	2931.39.90
1A01	Cyclobutyl methylphosphonofluoridate	14618-04-3	2931.39.90
1A01	Cyclobutyl propylphosphonofluoridate	345239-05-6	2931.39.90
1A01	Cycloheptyl ethylphosphonofluoridate	345239-09-0	2931.39.90
1A01	Cycloheptyl isopropylphosphonofluoridate	345239-10-3	2931.39.90
1A01	Cycloheptyl methylphosphonofluoridate	7284-83-5	2931.39.90
1A01	Cycloheptyl propylphosphonofluoridate	345239-11-4	2931.39.90
1A01	Cyclohexyl ethylphosphonofluoridate	7284-84-6	2931.39.90
1A01	Cyclohexyl isopropylphosphonofluoridate	333416-55-0	2931.39.90
1A01	Cyclohexyl methylphosphonofluoridate	329-99-7	2931.39.90
1A01	Cyclohexyl propylphosphonofluoridate	28364-21-8	2931.39.90
1A01	1-Cyclohexylethyl ethylphosphonofluoridate	1353011-94-5	2931.39.90
1A01	2-Cyclohexylethyl ethylphosphonofluoridate	959093-03-9	2931.39.90
1A01	1-Cyclohexylethyl methylphosphonofluoridate	1280106-29-7	2931.39.90
1A01	2-Cyclohexylethyl methylphosphonofluoridate	959040-72-3	2931.39.90
1A01	1-Cyclohexylethyl propylphosphonofluoridate	1280106-32-2	2931.39.90
1A01	2-Cyclohexylethyl propylphosphonofluoridate	959004-37-6	2931.39.90
1A01	Cyclohexylmethyl ethylphosphonofluoridate	959093-05-1	2931.39.90
1A01	Cyclohexylmethyl isopropylphosphonofluoridate	959004-34-3	2931.39.90
1A01	Cyclohexylmethyl methylphosphonofluoridate	959019-47-7	2931.39.90
1A01	Cyclohexylmethyl propylphosphonofluoridate	959025-93-5	2931.39.90
1A01	3-Cyclohexylpropyl ethylphosphonofluoridate	1353011-91-2	2931.39.90
1A01	3-Cyclohexylpropyl methylphosphonofluoridate	211192-73-3	2931.39.90
1A01	3-Cyclohexylpropyl propylphosphonofluoridate	1280106-26-4	2931.39.90
1A01	Cyclooctyl ethylphosphonofluoridate	345239-12-5	2931.39.90

<b>1A01</b>	Cyclooctyl isopropylphosphonofluoridate	345239-13-6	2931.39.90
<b>1A01</b>	Cyclooctyl methylphosphonofluoridate	14719-38-1	2931.39.90
<b>1A01</b>	Cyclooctyl propylphosphonofluoridate	345239-14-7	2931.39.90
<b>1A01</b>	Cyclopentyl ethylphosphonofluoridate	345239-06-7	2931.39.90
<b>1A01</b>	Cyclopentyl isopropylphosphonofluoridate	345239-07-8	2931.39.90
<b>1A01</b>	Cyclopentyl methylphosphonofluoridate	7284-82-4	2931.39.90
<b>1A01</b>	Cyclopentyl propylphosphonofluoridate	345239-08-9	2931.39.90
<b>1A01</b>	Cyclopentylmethyl ethylphosphonofluoridate	1353011-72-9	2931.39.90
<b>1A01</b>	3-Cyclopentylpropyl ethylphosphonofluoridate	1353011-87-6	2931.39.90
<b>1A01</b>	Decyl ethylphosphonofluoridate	333416-08-3	2931.39.90
<b>1A01</b>	Decyl isopropylphosphonofluoridate	333416-36-7	2931.39.90
<b>1A01</b>	Decyl methylphosphonofluoridate	193090-25-4	2931.39.90
<b>1A01</b>	Decyl propylphosphonofluoridate	333416-22-1	2931.39.90
<b>1A01</b>	1,1-Diethyl-2,2-dimethylpropyl methylphosphonofluoridate	159395-78-5	2931.39.90
<b>1A01</b>	1,1-Diethylpropyl methylphosphonofluoridate	959257-62-6	2931.39.90
<b>1A01</b>	(2R)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate	22956-47-4	2931.39.90
<b>1A01</b>	(2R)-3,3-dimethylbutan-2-yl (S)-methylphosphonofluoridate	22956-48-5	2931.39.90
<b>1A01</b>	(2S)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate	24753-15-9	2931.39.90
<b>1A01</b>	(2S)-3,3-dimethylbutan-2-yl methylphosphonofluoridate	24753-16-0	2931.39.90
<b>1A01</b>	1,2-Dimethylbutyl ethylphosphonofluoridate	1005258-27-4	2931.39.90
<b>1A01</b>	1,3-Dimethylbutyl ethylphosphonofluoridate	345260-86-8	2931.39.90
<b>1A01</b>	1,2-Dimethylbutyl isopropylphosphonofluoridate	1005249-16-0	2931.39.90
<b>1A01</b>	1,3-Dimethylbutyl isopropylphosphonofluoridate	345260-87-9	2931.39.90
<b>1A01</b>	1,2-Dimethylbutyl methylphosphonofluoridate	1005239-89-3	2931.39.90
<b>1A01</b>	1,3-Dimethylbutyl methylphosphonofluoridate	352-53-4	2931.39.90
<b>1A01</b>	2,3-Dimethylbutyl methylphosphonofluoridate	83563-66-0	2931.39.90
<b>1A01</b>	3,3-Dimethylbutyl methylphosphonofluoridate	660-21-9	2931.39.90
<b>1A01</b>	1,3-Dimethylbutyl propylphosphonofluoridate	345260-88-0	2931.39.90
<b>1A01</b>	3,3-Dimethylbutyl propylphosphonofluoridate	959004-32-1	2931.39.90
<b>1A01</b>	3,5-Dimethylcyclohexyl ethylphosphonofluoridate	1353011-80-9	2931.39.90
<b>1A01</b>	2,6-Dimethylcyclohexyl methylphosphonofluoridate	1005276-38-9	2931.39.90
<b>1A01</b>	3,5-Dimethylcyclohexyl methylphosphonofluoridate	1005284-61-6	2931.39.90
<b>1A01</b>	2,3-Dimethylcyclohexyl propylphosphonofluoridate	1280106-35-5	2931.39.90

<b>1A01</b>	1,5-Dimethylhexyl methylphosphonofluoridate	159395-76-3	2931.39.90
<b>1A01</b>	3,7-Dimethyloctyl ethylphosphonofluoridate	345260-83-5	2931.39.90
<b>1A01</b>	3,7-Dimethyloctyl isopropylphosphonofluoridate	345260-84-6	2931.39.90
<b>1A01</b>	3,7-Dimethyloctyl methylphosphonofluoridate	345260-82-4	2931.39.90
<b>1A01</b>	3,7-Dimethyloctyl propylphosphonofluoridate	345260-85-7	2931.39.90
<b>1A01</b>	1,1-Dimethylpentyl methylphosphonofluoridate	959014-89-2	2931.39.90
<b>1A01</b>	1,4-Dimethylpentyl methylphosphonofluoridate	199850-62-9	2931.39.90
<b>1A01</b>	2,2-Dimethylpropyl ethylphosphonofluoridate	959234-06-1	2931.39.90
<b>1A01</b>	2,2-Dimethylpropyl isopropylphosphonofluoridate	864463-26-3	2931.39.90
<b>1A01</b>	1,1-Dimethylpropyl methylphosphonofluoridate	159395-77-4	2931.39.90
<b>1A01</b>	1,2-Dimethylpropyl methylphosphonofluoridate	6154-51-4	2931.39.90
<b>1A01</b>	2,2-Dimethylpropyl methylphosphonofluoridate	372-62-3	2931.39.90
<b>1A01</b>	2,2-Dimethylpropyl propylphosphonofluoridate	959092-42-3	2931.39.90
<b>1A01</b>	1-Ethyl-1-methylpentyl methylphosphonofluoridate	959098-88-5	2931.39.90
<b>1A01</b>	1-Ethyl-1-methylpropyl methylphosphonofluoridate	959083-58-0	2931.39.90
<b>1A01</b>	1-Ethyl-2,2-dimethylpropyl ethylphosphonofluoridate	345260-76-6	2931.39.90
<b>1A01</b>	1-Ethyl-2,2-dimethylpropyl isopropylphosphonofluoridate	345260-77-7	2931.39.90
<b>1A01</b>	1-Ethyl-2,2-dimethylpropyl methylphosphonofluoridate	345260-75-5	2931.39.90
<b>1A01</b>	1-Ethyl-2,2-dimethylpropyl propylphosphonofluoridate	345260-78-8	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpentyl ethylphosphonofluoridate	1280106-33-3	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpentyl methylphosphonofluoridate	1005240-09-4	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpentyl propylphosphonofluoridate	1280106-34-4	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpropyl ethylphosphonofluoridate	345260-67-5	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpropyl isopropylphosphonofluoridate	345260-68-6	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpropyl methylphosphonofluoridate	345260-66-4	2931.39.90
<b>1A01</b>	1-Ethyl-2-methylpropyl propylphosphonofluoridate	345260-69-7	2931.39.90
<b>1A01</b>	Ethyl ethylphosphonofluoridate	650-20-4	2931.39.90
<b>1A01</b>	Ethyl isopropylphosphonofluoridate	1426-08-0	2931.39.90
<b>1A01</b>	Ethyl methylphosphonofluoridate	673-97-2	2931.39.90
<b>1A01</b>	Ethyl propylphosphonofluoridate	333416-15-2	2931.39.90
<b>1A01</b>	1-Ethylbutyl methylphosphonofluoridate	959218-68-9	2931.39.90
<b>1A01</b>	2-Ethylbutyl methylphosphonofluoridate	126204-48-6	2931.39.90
<b>1A01</b>	4-Ethylcyclohexyl ethylphosphonofluoridate	333416-65-2	2931.39.90

<b>1A01</b>	4-Ethylcyclohexyl isopropylphosphonofluoridate	333416-74-3	2931.39.90
<b>1A01</b>	2-Ethylcyclohexyl methylphosphonofluoridate	1005257-56-6	2931.39.90
<b>1A01</b>	4-Ethylcyclohexyl methylphosphonofluoridate	333416-60-7	2931.39.90
<b>1A01</b>	4-Ethylcyclohexyl propylphosphonofluoridate	333416-70-9	2931.39.90
<b>1A01</b>	2-Ethylhexyl ethylphosphonofluoridate	468711-97-9	2931.39.90
<b>1A01</b>	1-Ethylhexyl isopropylphosphonofluoridate	959088-13-2	2931.39.90
<b>1A01</b>	2-Ethylhexyl isopropylphosphonofluoridate	460091-27-4	2931.39.90
<b>1A01</b>	1-Ethylhexyl methylphosphonofluoridate	1228786-49-9	2931.39.90
<b>1A01</b>	2-Ethylhexyl methylphosphonofluoridate	458-71-9	2931.39.90
<b>1A01</b>	1-Ethylhexyl propylphosphonofluoridate	959088-14-3	2931.39.90
<b>1A01</b>	2-Ethylhexyl propylphosphonofluoridate	952104-36-8	2931.39.90
<b>1A01</b>	1-Ethylpentyl methylphosphonofluoridate	959098-89-6	2931.39.90
<b>1A01</b>	1-Ethylpropyl ethylphosphonofluoridate	959086-48-7	2931.39.90
<b>1A01</b>	1-Ethylpropyl methylphosphonofluoridate	66348-71-8	2931.39.90
<b>1A01</b>	1-Ethylpropyl propylphosphonofluoridate	959088-15-4	2931.39.90
<b>1A01</b>	Heptyl ethylphosphonofluoridate	162085-85-0	2931.39.90
<b>1A01</b>	Heptyl isopropylphosphonofluoridate	333416-33-4	2931.39.90
<b>1A01</b>	Heptyl methylphosphonofluoridate	162085-82-7	2931.39.90
<b>1A01</b>	Heptyl propylphosphonofluoridate	333416-19-6	2931.39.90
<b>1A01</b>	Hexyl ethylphosphonofluoridate	135445-19-1	2931.39.90
<b>1A01</b>	Hexyl isopropylphosphonofluoridate	333416-32-3	2931.39.90
<b>1A01</b>	Hexyl methylphosphonofluoridate	113548-89-3	2931.39.90
<b>1A01</b>	Hexyl propylphosphonofluoridate	333416-18-5	2931.39.90
<b>1A01</b>	1-Isobutyl-3-methylbutyl ethylphosphonofluoridate	959262-99-8	2931.39.90
<b>1A01</b>	1-Isobutyl-3-methylbutyl methylphosphonofluoridate	193090-16-3	2931.39.90
<b>1A01</b>	Isobutyl ethylphosphonofluoridate	2261-83-8	2931.39.90
<b>1A01</b>	Isobutyl isopropylphosphonofluoridate	333416-40-3	2931.39.90
<b>1A01</b>	Isobutyl methylphosphonofluoridate	2053-81-8	2931.39.90
<b>1A01</b>	Isobutyl propylphosphonofluoridate	333416-26-5	2931.39.90
<b>1A01</b>	1-Isopropyl-2-methylpropyl ethylphosphonofluoridate	345260-79-9	2931.39.90
<b>1A01</b>	1-Isopropyl-2-methylpropyl isopropylphosphonofluoridate	345260-80-2	2931.39.90
<b>1A01</b>	1-Isopropyl-2-methylpropyl methylphosphonofluoridate	113548-85-9	2931.39.90
<b>1A01</b>	1-Isopropyl-2-methylpropyl propylphosphonofluoridate	345260-81-3	2931.39.90

<b>1A01</b>	2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate	1353011-93-4	2931.39.90
<b>1A01</b>	2-Isopropyl-5-methylcyclohexyl isopropylphosphonofluoridate	1262583-00-5	2931.39.90
<b>1A01</b>	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	1262582-99-9	2931.39.90
<b>1A01</b>	Isopropyl ethylphosphonofluoridate	1189-87-3	2931.39.90
<b>1A01</b>	Isopropyl isopropylphosphonofluoridate	665-33-8	2931.39.90
<b>1A01</b>	O-Isopropyl methylphosphonofluoridate; Sarin (GB)	107-44-8	2931.39.90
<b>1A01</b>	Isopropyl propylphosphonofluoridate	18358-37-7	2931.39.90
<b>1A01</b>	1-Isopropylbutyl ethylphosphonofluoridate	345260-71-1	2931.39.90
<b>1A01</b>	1-Isopropylbutyl isopropylphosphonofluoridate	345260-72-2	2931.39.90
<b>1A01</b>	1-Isopropylbutyl methylphosphonofluoridate	345260-70-0	2931.39.90
<b>1A01</b>	1-Isopropylbutyl propylphosphonofluoridate	345260-73-3	2931.39.90
<b>1A01</b>	Methyl ethylphosphonofluoridate	665-03-2	2931.39.90
<b>1A01</b>	Methyl isopropylphosphonofluoridate	648-59-9	2931.39.90
<b>1A01</b>	Methyl methylphosphonofluoridate	353-88-8	2931.39.90
<b>1A01</b>	Methyl propylphosphonofluoridate	333416-14-1	2931.39.90
<b>1A01</b>	1-Methylbutyl ethylphosphonofluoridate	333416-09-4	2931.39.90
<b>1A01</b>	2-Methylbutyl ethylphosphonofluoridate	468711-94-6	2931.39.90
<b>1A01</b>	3-Methylbutyl ethylphosphonofluoridate	468711-95-7	2931.39.90
<b>1A01</b>	1-Methylbutyl isopropylphosphonofluoridate	333416-37-8	2931.39.90
<b>1A01</b>	2-Methylbutyl isopropylphosphonofluoridate	952104-39-1	2931.39.90
<b>1A01</b>	3-Methylbutyl isopropylphosphonofluoridate	952104-40-4	2931.39.90
<b>1A01</b>	1-Methylbutyl methylphosphonofluoridate	761-93-3	2931.39.90
<b>1A01</b>	2-Methylbutyl methylphosphonofluoridate	468711-90-2	2931.39.90
<b>1A01</b>	3-Methylbutyl methylphosphonofluoridate	22107-46-6	2931.39.90
<b>1A01</b>	1-Methylbutyl propylphosphonofluoridate	333416-23-2	2931.39.90
<b>1A01</b>	2-Methylbutyl propylphosphonofluoridate	468712-02-9	2931.39.90
<b>1A01</b>	3-Methylbutyl propylphosphonofluoridate	468712-03-0	2931.39.90
<b>1A01</b>	2-Methylcyclohexyl ethylphosphonofluoridate	1353011-76-3	2931.39.90
<b>1A01</b>	3-Methylcyclohexyl ethylphosphonofluoridate	333416-64-1	2931.39.90
<b>1A01</b>	4-Methylcyclohexyl ethylphosphonofluoridate	468711-96-8	2931.39.90
<b>1A01</b>	3-Methylcyclohexyl isopropylphosphonofluoridate	333416-73-2	2931.39.90
<b>1A01</b>	4-Methylcyclohexyl isopropylphosphonofluoridate	468712-08-5	2931.39.90
<b>1A01</b>	2-Methylcyclohexyl methylphosphonofluoridate	85473-32-1	2931.39.90

<b>1A01</b>	3-Methylcyclohexyl methylphosphonofluoridate	113548-86-0	2931.39.90
<b>1A01</b>	4-Methylcyclohexyl methylphosphonofluoridate	113548-87-1	2931.39.90
<b>1A01</b>	3-Methylcyclohexyl propylphosphonofluoridate	333416-69-6	2931.39.90
<b>1A01</b>	3-Methylcyclopentyl ethylphosphonofluoridate	1280106-36-6	2931.39.90
<b>1A01</b>	2-Methylcyclopentyl ethylphosphonofluoridate	1005164-70-4	2931.39.90
<b>1A01</b>	2-Methylcyclopentyl isopropylphosphonofluoridate	1005176-59-9	2931.39.90
<b>1A01</b>	2-Methylcyclopentyl propylphosphonofluoridate	1005176-60-2	2931.39.90
<b>1A01</b>	1-Methylheptyl ethylphosphonofluoridate	468711-98-0	2931.39.90
<b>1A01</b>	1-Methylheptyl isopropylphosphonofluoridate	468712-09-6	2931.39.90
<b>1A01</b>	(1R)-1-Methylheptyl methylphosphonofluoridate	24753-12-6	2931.39.90
<b>1A01</b>	(1S)-1-Methylheptyl methylphosphonofluoridate	22925-96-8	2931.39.90
<b>1A01</b>	1-Methylheptyl methylphosphonofluoridate	22925-97-9	2931.39.90
<b>1A01</b>	1-Methylheptyl propylphosphonofluoridate	468712-06-3	2931.39.90
<b>1A01</b>	1-Methylhexyl ethylphosphonofluoridate	333416-10-7	2931.39.90
<b>1A01</b>	1-Methylhexyl isopropylphosphonofluoridate	333416-38-9	2931.39.90
<b>1A01</b>	1-Methylhexyl methylphosphonofluoridate	674-95-3	2931.39.90
<b>1A01</b>	1-Methylhexyl propylphosphonofluoridate	333416-24-3	2931.39.90
<b>1A01</b>	1-Methylnonyl ethylphosphonofluoridate	1254104-37-4	2931.39.90
<b>1A01</b>	1-Methylnonyl isopropylphosphonofluoridate	1280106-25-3	2931.39.90
<b>1A01</b>	1-Methylnonyl methylphosphonofluoridate	211192-71-1	2931.39.90
<b>1A01</b>	1-Methyloctyl ethylphosphonofluoridate	333416-11-8	2931.39.90
<b>1A01</b>	1-Methyloctyl isopropylphosphonofluoridate	333416-39-0	2931.39.90
<b>1A01</b>	2-Methyloctyl methylphosphonofluoridate	1228786-50-2	2931.39.90
<b>1A01</b>	1-Methyloctyl methylphosphonofluoridate	211192-72-2	2931.39.90
<b>1A01</b>	1-Methyloctyl propylphosphonofluoridate	333416-25-4	2931.39.90
<b>1A01</b>	2-Methylpentyl ethylphosphonofluoridate	333416-12-9	2931.39.90
<b>1A01</b>	3-Methylpentyl ethylphosphonofluoridate	959263-01-5	2931.39.90
<b>1A01</b>	4-Methylpentyl ethylphosphonofluoridate	959276-46-1	2931.39.90
<b>1A01</b>	2-Methylpentyl isopropylphosphonofluoridate	333416-41-4	2931.39.90
<b>1A01</b>	1-Methylpentyl methylphosphonofluoridate	13172-12-8	2931.39.90
<b>1A01</b>	2-Methylpentyl methylphosphonofluoridate	333416-05-0	2931.39.90
<b>1A01</b>	3-Methylpentyl methylphosphonofluoridate	199850-60-7	2931.39.90
<b>1A01</b>	4-Methylpentyl methylphosphonofluoridate	959010-20-9	2931.39.90



<b>1A01</b>	2-Methylpentyl propylphosphonofluoridate	333416-27-6	2931.39.90
<b>1A01</b>	Nonyl ethylphosphonofluoridate	171741-07-4	2931.39.90
<b>1A01</b>	Nonyl isopropylphosphonofluoridate	333416-35-6	2931.39.90
<b>1A01</b>	Nonyl methylphosphonofluoridate	211192-74-4	2931.39.90
<b>1A01</b>	Nonyl propylphosphonofluoridate	333416-21-0	2931.39.90
<b>1A01</b>	Octyl ethylphosphonofluoridate	333416-07-2	2931.39.90
<b>1A01</b>	Octyl isopropylphosphonofluoridate	333416-34-5	2931.39.90
<b>1A01</b>	Octyl methylphosphonofluoridate	144313-52-0	2931.39.90
<b>1A01</b>	Octyl propylphosphonofluoridate	333416-20-9	2931.39.90
<b>1A01</b>	Pentyl ethylphosphonofluoridate	162085-84-9	2931.39.90
<b>1A01</b>	Pentyl isopropylphosphonofluoridate	333416-31-2	2931.39.90
<b>1A01</b>	Pentyl methylphosphonofluoridate	13454-59-6	2931.39.90
<b>1A01</b>	Pentyl propylphosphonofluoridate	333416-17-4	2931.39.90
<b>1A01</b>	O-Pinacolyl methylphosphonofluoridate; Soman (GD)	96-64-0	2931.39.90
<b>1A01</b>	Propyl ethylphosphonofluoridate	2992-95-2	2931.39.90
<b>1A01</b>	Propyl isopropylphosphonofluoridate	333416-29-8	2931.39.90
<b>1A01</b>	Propyl methylphosphonofluoridate	763-14-4	2931.39.90
<b>1A01</b>	Propyl propylphosphonofluoridate	18358-36-6	2931.39.90
<b>1A01</b>	1-Propylheptyl ethylphosphonofluoridate	959217-15-3	2931.39.90
<b>1A01</b>	1-Propylheptyl methylphosphonofluoridate	959098-86-3	2931.39.90
<b>1A01</b>	2-Propylpentyl methylphosphonofluoridate	959089-00-0	2931.39.90
<b>1A01</b>	sec-Butyl ethylphosphonofluoridate	162085-83-8	2931.39.90
<b>1A01</b>	sec-Butyl isopropylphosphonofluoridate	468712-07-4	2931.39.90
<b>1A01</b>	sec-Butyl methylphosphonofluoridate	352-52-3	2931.39.90
<b>1A01</b>	sec-Butyl propylphosphonofluoridate	468712-01-8	2931.39.90
<b>1A01</b>	2-tert-Butylcyclohexyl ethylphosphonofluoridate	1005254-23-8	2931.39.90
<b>1A01</b>	2-tert-Butylcyclohexyl isopropylphosphonofluoridate	1005145-75-4	2931.39.90
<b>1A01</b>	2-tert-Butylcyclohexyl methylphosphonofluoridate	1005247-52-8	2931.39.90
<b>1A01</b>	2-tert-Butylcyclohexyl propylphosphonofluoridate	1005176-90-8	2931.39.90
<b>1A01</b>	4-tert-Butylcyclohexyl ethylphosphonofluoridate	959217-22-2	2931.39.90
<b>1A01</b>	4-tert-Butylcyclohexyl methylphosphonofluoridate	959245-06-8	2931.39.90
<b>1A01</b>	4-tert-Butylcyclohexyl propylphosphonofluoridate	959004-03-6	2931.39.90
<b>1A01</b>	tert-Butyl methylphosphonofluoridate	13273-12-6	2931.39.90

<b>1A01</b>	3,3,5,5-Tetramethylcyclohexyl ethylphosphonofluoridate	333416-68-5	2931.39.90
<b>1A01</b>	3,3,5,5-Tetramethylcyclohexyl isopropylphosphonofluoridate	333416-76-5	2931.39.90
<b>1A01</b>	3,3,5,5-Tetramethylcyclohexyl methylphosphonofluoridate	333416-63-0	2931.39.90
<b>1A01</b>	3,3,5,5-Tetramethylcyclohexyl propylphosphonofluoridate	333416-72-1	2931.39.90
<b>1A01</b>	1,3,3-Trimethylbutyl methylphosphonofluoridate	30593-65-8	2931.39.90
<b>1A01</b>	3,5,5-Trimethylhexyl ethylphosphonofluoridate	959027-88-4	2931.39.90
<b>1A01</b>	3,5,5-Trimethylhexyl methylphosphonofluoridate	959304-14-4	2931.39.90
<b>1A01</b>	2,4,4-Trimethylpentyl ethylphosphonofluoridate	333416-13-0	2931.39.90
<b>1A01</b>	2,4,4-Trimethylpentyl isopropylphosphonofluoridate	333416-43-6	2931.39.90
<b>1A01</b>	2,4,4-Trimethylpentyl methylphosphonofluoridate	333416-06-1	2931.39.90
<b>1A01</b>	2,4,4-Trimethylpentyl propylphosphonofluoridate	333416-28-7	2931.39.90
<b>1A01</b>	1,2,2-Trimethylpropyl ethylphosphonofluoridate	97931-20-9	2931.39.90
<b>1A01</b>	1,2,2-Trimethylpropyl isopropylphosphonofluoridate	952104-41-5	2931.39.90
<b>1A01</b>	(1R)-1,2,2-Trimethylpropyl methylphosphonofluoridate	89254-46-6	2931.39.90
<b>1A01</b>	(1S)-1,2,2-Trimethylpropyl methylphosphonofluoridate	89254-45-5	2931.39.90
<b>1A01</b>	1,2,2-Trimethylpropyl propylphosphonofluoridate	952104-35-7	2931.39.90
<b>1A02</b>	Butyl diethylphosphoramidocyanidate	870124-31-5	2931.39.90
<b>1A02</b>	Butyl dimethylphosphoramidocyanidate	162085-87-2	2931.39.90
<b>1A02</b>	Butyl dipropylphosphoramidocyanidate	870124-35-9	2931.39.90
<b>1A02</b>	Butyl ethylmethylphosphoramidocyanidate	870124-03-1	2931.39.90
<b>1A02</b>	Butyl isopropylmethylphosphoramidocyanidate	870124-14-4	2931.39.90
<b>1A02</b>	Butyl isopropylpropylphosphoramidocyanidate	870124-28-0	2931.39.90
<b>1A02</b>	Butyl N-ethyl-N-isopropylphosphoramidocyanidate	1256571-96-6	2931.39.90
<b>1A02</b>	Butyl N-ethyl-N-propylphosphoramidocyanidate	1256571-97-7	2931.39.90
<b>1A02</b>	Butyl N-methyl-N-propylphosphoramidocyanidate	1253782-74-9	2931.39.90
<b>1A02</b>	Butyl N,N-diisopropylphosphoramidocyanidate	1253782-71-6	2931.39.90
<b>1A02</b>	Cycloheptyl diisopropylphosphoramidocyanidate	959299-72-0	2931.39.90
<b>1A02</b>	Cycloheptyl dipropylphosphoramidocyanidate	959220-92-9	2931.39.90
<b>1A02</b>	Cycloheptyl N,N-diethylphosphoramidocyanidate	1256634-78-2	2931.39.90
<b>1A02</b>	Cycloheptyl N,N-dimethylphosphoramidocyanidate	1256634-79-3	2931.39.90
<b>1A02</b>	Cyclohexyl N-isopropyl-N-propylphosphoramidocyanidate	1253782-35-2	2931.39.90
<b>1A02</b>	Cyclohexyl N,N-diethylphosphoramidocyanidate	1256572-11-8	2931.39.90
<b>1A02</b>	Cyclohexyl N,N-dimethylphosphoramidocyanidate	1256572-12-9	2931.39.90

<b>1A02</b>	Cyclohexyl N,N-dipropylphosphoramidocyanidate	1256572-13-0	2931.39.90
<b>1A02</b>	2-Cyclohexylethyl diisopropylphosphoramidocyanidate	959231-14-2	2931.39.90
<b>1A02</b>	2-Cyclohexylethyl dipropylphosphoramidocyanidate	959304-98-4	2931.39.90
<b>1A02</b>	1-Cyclohexylethyl N,N-diisopropylphosphoramidocyanidate	1256572-20-9	2931.39.90
<b>1A02</b>	Cyclohexylmethyl dipropylphosphoramidocyanidate	959285-51-9	2931.39.90
<b>1A02</b>	Cyclooctyl diisopropylphosphoramidocyanidate	959299-70-8	2931.39.90
<b>1A02</b>	Cyclooctyl dipropylphosphoramidocyanidate	959220-91-8	2931.39.90
<b>1A02</b>	Cyclooctyl N,N-dimethylphosphoramidocyanidate	1256634-94-2	2931.39.90
<b>1A02</b>	Cyclopentyl dipropylphosphoramidocyanidate	959305-00-1	2931.39.90
<b>1A02</b>	Decyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-19-6	2931.39.90
<b>1A02</b>	Decyl N,N-diisopropylphosphoramidocyanidate	1256572-18-5	2931.39.90
<b>1A02</b>	1,3-Dimethylbutyl N,N-diisopropylphosphoramidocyanidate	1256572-10-7	2931.39.90
<b>1A02</b>	2,6-Dimethylcyclohexyl N-isopropyl-N-propylphosphoramidocyanidate	1256634-82-8	2931.39.90
<b>1A02</b>	2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1256634-80-6	2931.39.90
<b>1A02</b>	2,6-Dimethylcyclohexyl N,N-diisopropylphosphoramidocyanidate	1256634-81-7	2931.39.90
<b>1A02</b>	2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate	1256634-83-9	2931.39.90
<b>1A02</b>	2,6-Dimethylcyclohexyl N,Ndipropylphosphoramidocyanidate	1252610-38-0	2931.39.90
<b>1A02</b>	2,2-Dimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate	1253782-84-1	2931.39.90
<b>1A02</b>	1,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-86-2	2931.39.90
<b>1A02</b>	2,2-Dimethylpropyl N,Ndiisopropylphosphoramidocyanidate	1253782-83-0	2931.39.90
<b>1A02</b>	Ethyl diethylphosphoramidocyanidate	63815-60-1	2931.39.90
<b>1A02</b>	Ethyl diisopropylphosphoramidocyanidate	870124-37-1	2931.39.90
<b>1A02</b>	Ethyl dipropylphosphoramidocyanidate	870124-33-7	2931.39.90
<b>1A02</b>	Ethyl ethylisopropylphosphoramidocyanidate	870124-22-4	2931.39.90
<b>1A02</b>	Ethyl ethylmethylphosphoramidocyanidate	870124-00-8	2931.39.90
<b>1A02</b>	Ethyl ethylpropylphosphoramidocyanidate	870124-17-7	2931.39.90
<b>1A02</b>	Ethyl isopropylmethylphosphoramidocyanidate	870124-11-1	2931.39.90
<b>1A02</b>	Ethyl isopropylpropylphosphoramidocyanidate	870124-26-8	2931.39.90
<b>1A02</b>	Ethyl methylpropylphosphoramidocyanidate	870124-07-5	2931.39.90
<b>1A02</b>	Ethyl N-isopropyl-N-propylphosphoramidocyanidate	870124-26-8	2931.39.90
<b>1A02</b>	Ethyl N,N-Dimethylphosphoramidocyanidate; Tabun (GA)	77-81-6	2931.39.90
<b>1A02</b>	1-Ethylbutyl N,N-diisopropylphosphoramidocyanidate	1256634-91-9	2931.39.90
<b>1A02</b>	1-Ethylhexyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-23-2	2931.39.90

<b>1A02</b>	1-Ethylhexyl N,N-diethylphosphoramidocyanidate	1256572-21-0	2931.39.90
<b>1A02</b>	1-Ethylhexyl N,N-diisopropylphosphoramidocyanidate	1256572-22-1	2931.39.90
<b>1A02</b>	1-Ethylhexyl N,N-dimethylphosphoramidocyanidate	1253782-49-8	2931.39.90
<b>1A02</b>	1-Ethylhexyl N,N-dipropylphosphoramidocyanidate	1256572-24-3	2931.39.90
<b>1A02</b>	2-Ethylhexyl N,N-dimethylphosphoramidocyanidate	1311200-06-2	2931.39.90
<b>1A02</b>	1-Ethylpentyl N,N-diisopropylphosphoramidocyanidate	1256634-84-0	2931.39.90
<b>1A02</b>	Heptyl diisopropylphosphoramidocyanidate	959231-41-5	2931.39.90
<b>1A02</b>	Heptyl dimethylphosphoramidocyanidate	162085-91-8	2931.39.90
<b>1A02</b>	Heptyl dipropylphosphoramidocyanidate	959304-97-3	2931.39.90
<b>1A02</b>	Heptyl N,N-diethylphosphoramidocyanidate	870124-32-6	2931.39.90
<b>1A02</b>	Hexyl diisopropylphosphoramidocyanidate	870124-39-3	2931.39.90
<b>1A02</b>	Hexyl dimethylphosphoramidocyanidate	162085-90-7	2931.39.90
<b>1A02</b>	Hexyl methylpropylphosphoramidocyanidate	870124-10-0	2931.39.90
<b>1A02</b>	Hexyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-25-7	2931.39.90
<b>1A02</b>	Hexyl N-ethyl-N-methylphosphoramidocyanidate	870124-06-4	2931.39.90
<b>1A02</b>	Hexyl N-ethyl-N-propylphosphoramidocyanidate	870124-21-3	2931.39.90
<b>1A02</b>	Hexyl N,N-dipropylphosphoramidocyanidate	870124-36-0	2931.39.90
<b>1A02</b>	Isobutyl diisopropylphosphoramidocyanidate	870124-38-2	2931.39.90
<b>1A02</b>	Isobutyl dimethylphosphoramidocyanidate	162085-88-3	2931.39.90
<b>1A02</b>	Isobutyl ethylisopropylphosphoramidocyanidate	870124-23-5	2931.39.90
<b>1A02</b>	Isobutyl ethylmethylphosphoramidocyanidate	870124-04-2	2931.39.90
<b>1A02</b>	Isobutyl ethylpropylphosphoramidocyanidate	870124-19-9	2931.39.90
<b>1A02</b>	Isobutyl N-isopropyl-N-methylphosphoramidocyanidate	1281955-87-0	2931.39.90
<b>1A02</b>	Isobutyl N-isopropyl-N-propylphosphoramidocyanidate	1281955-88-1	2931.39.90
<b>1A02</b>	Isobutyl N-methyl-N-propylphosphoramidocyanidate	1253782-86-3	2931.39.90
<b>1A02</b>	Isobutyl N,N-diethylphosphoramidocyanidate	1253782-85-2	2931.39.90
<b>1A02</b>	Isobutyl N,N-dipropylphosphoramidocyanidate	1281955-89-2	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpentyl N-isopropyl-N-propylphosphoramidocyanidate	1311200-15-3	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpropyl N,N-diethylphosphoramidocyanidate	1256634-87-3	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-88-4	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpropyl N,N-dimethylphosphoramidocyanidate	1256634-89-5	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpropyl N,N-dipropylphosphoramidocyanidate	1256634-90-8	2931.39.90
<b>1A02</b>	1-Isopropyl-2-methylpropyl N-isopropyl-N-propylphosphoramidocyanidate	1252610-36-8	2931.39.90

<b>1A02</b>	Isopropyl diethylphosphoramidocyanidate	870124-30-4	2931.39.90
<b>1A02</b>	Isopropyl dimethylphosphoramidocyanidate	63815-55-4	2931.39.90
<b>1A02</b>	Isopropyl ethylmethylphosphoramidocyanidate	870124-02-0	2931.39.90
<b>1A02</b>	Isopropyl ethylpropylphosphoramidocyanidate	870124-18-8	2931.39.90
<b>1A02</b>	Isopropyl isopropylmethylphosphoramidocyanidate	870124-12-2	2931.39.90
<b>1A02</b>	Isopropyl methylpropylphosphoramidocyanidate	870124-08-6	2931.39.90
<b>1A02</b>	Isopropyl N-ethyl-N-isopropylphosphoramidocyanidate	1253782-69-2	2931.39.90
<b>1A02</b>	Isopropyl N-isopropyl-N-propylphosphoramidocyanidate	1256634-92-0	2931.39.90
<b>1A02</b>	Isopropyl N,N-diisopropylphosphoramidocyanidate	1252610-37-9	2931.39.90
<b>1A02</b>	Isopropyl N,N-dipropylphosphoramidocyanidate	1256634-93-1	2931.39.90
<b>1A02</b>	Methyl diethylphosphoramidocyanidate	870124-43-9	2931.39.90
<b>1A02</b>	Methyl diisopropylphosphoramidocyanidate	870124-47-3	2931.39.90
<b>1A02</b>	Methyl dimethylphosphoramidocyanidate	63815-56-5	2931.39.90
<b>1A02</b>	Methyl dipropylphosphoramidocyanidate	870124-46-2	2931.39.90
<b>1A02</b>	Methyl ethylmethylphosphoramidocyanidate	870124-40-6	2931.39.90
<b>1A02</b>	Methyl ethylpropylphosphoramidocyanidate	870124-45-1	2931.39.90
<b>1A02</b>	Methyl isopropylmethylphosphoramidocyanidate	870124-42-8	2931.39.90
<b>1A02</b>	Methyl isopropylpropylphosphoramidocyanidate	870124-48-4	2931.39.90
<b>1A02</b>	Methyl methylpropylphosphoramidocyanidate	870124-41-7	2931.39.90
<b>1A02</b>	Methyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-44-0	2931.39.90
<b>1A02</b>	1-Methylbutyl N,N-diisopropylphosphoramidocyanidate	1311200-13-1	2931.39.90
<b>1A02</b>	2-Methylcyclohexyl N,N-diisopropylphosphoramidocyanidate	1256634-85-1	2931.39.90
<b>1A02</b>	1-Methylheptyl N,N-diisopropylphosphoramidocyanidate	1254103-95-1	2931.39.90
<b>1A02</b>	1-Methylhexyl N-methyl-N-propylphosphoramidocyanidate	1311200-11-9	2931.39.90
<b>1A02</b>	1-Methylhexyl N,N-dimethylphosphoramidocyanidate	1311200-08-4	2931.39.90
<b>1A02</b>	1-Methylnonyl N-methyl-N-propylphosphoramidocyanidate	1311200-10-8	2931.39.90
<b>1A02</b>	2-Methylpentyl N-ethyl-N-methylphosphoramidocyanidate	1311200-09-5	2931.39.90
<b>1A02</b>	1-Methylpentyl N,N-diethylphosphoramidocyanidate	1252610-35-7	2931.39.90
<b>1A02</b>	1-Methylpentyl N,N-dimethylphosphoramidocyanidate	1311200-07-3	2931.39.90
<b>1A02</b>	Nonyl N-isopropyl-N-methylphosphoramidocyanidate	1311200-12-0	2931.39.90
<b>1A02</b>	Octyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-16-3	2931.39.90
<b>1A02</b>	Octyl N,N-diethylphosphoramidocyanidate	1256572-14-1	2931.39.90
<b>1A02</b>	Octyl N,N-diisopropylphosphoramidocyanidate	1256572-15-2	2931.39.90

<b>1A02</b>	Octyl N,N-dimethylphosphoramidocyanidate	1253782-45-4	2931.39.90
<b>1A02</b>	Octyl N,N-dipropylphosphoramidocyanidate	1256572-17-4	2931.39.90
<b>1A02</b>	Pentyl diisopropylphosphoramidocyanidate	959231-39-1	2931.39.90
<b>1A02</b>	Pentyl dimethylphosphoramidocyanidate	148461-87-4	2931.39.90
<b>1A02</b>	Pentyl dipropylphosphoramidocyanidate	959014-75-6	2931.39.90
<b>1A02</b>	Pentyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-24-6	2931.39.90
<b>1A02</b>	Pentyl N-ethyl-N-methylphosphoramidocyanidate	870124-05-3	2931.39.90
<b>1A02</b>	Pentyl N-ethyl-N-propylphosphoramidocyanidate	870124-20-2	2931.39.90
<b>1A02</b>	Pentyl N-isopropyl-N-methylphosphoramidocyanidate	870124-15-5	2931.39.90
<b>1A02</b>	Pinacolyl N,N-dipropylphosphoramidocyanidate	1311200-14-2	2931.39.90
<b>1A02</b>	Propyl diisopropylphosphoramidocyanidate	959231-16-4	2931.39.90
<b>1A02</b>	Propyl dimethylphosphoramidocyanidate	162085-86-1	2931.39.90
<b>1A02</b>	Propyl dipropylphosphoramidocyanidate	870124-34-8	2931.39.90
<b>1A02</b>	Propyl ethylmethylphosphoramidocyanidate	870124-01-9	2931.39.90
<b>1A02</b>	Propyl isopropylmethylphosphoramidocyanidate	870124-13-3	2931.39.90
<b>1A02</b>	Propyl isopropylpropylphosphoramidocyanidate	870124-27-9	2931.39.90
<b>1A02</b>	Propyl N-ethyl-N-isopropylphosphoramidocyanidate	1256571-93-3	2931.39.90
<b>1A02</b>	Propyl N-ethyl-N-propylphosphoramidocyanidate	1256571-94-4	2931.39.90
<b>1A02</b>	Propyl N-isopropyl-N-propylphosphoramidocyanidate	870124-27-9	2931.39.90
<b>1A02</b>	Propyl N-methyl-N-propylphosphoramidocyanidate	1256571-95-5	2931.39.90
<b>1A02</b>	Propyl N,N-diethylphosphoramidocyanidate	1256571-92-2	2931.39.90
<b>1A02</b>	sec-Butyl dimethylphosphoramidocyanidate	162085-89-4	2931.39.90
<b>1A02</b>	sec-Butyl methylpropylphosphoramidocyanidate	870124-09-7	2931.39.90
<b>1A02</b>	sec-Butyl N,N-diethylphosphoramidocyanidate	1281955-92-7	2931.39.90
<b>1A02</b>	sec-Butyl N,N-diisopropylphosphoramidocyanidate	1281955-95-0	2931.39.90
<b>1A02</b>	sec-Butyl N,N-dipropylphosphoramidocyanidate	1281955-98-3	2931.39.90
<b>1A02</b>	sec-Butyl N-ethyl-N-isopropylphosphoramidocyanidate	1281955-93-8	2931.39.90
<b>1A02</b>	sec-Butyl N-ethyl-N-methylphosphoramidocyanidate	1281955-94-9	2931.39.90
<b>1A02</b>	sec-Butyl N-isopropyl-N-methylphosphoramidocyanidate	1281955-96-1	2931.39.90
<b>1A02</b>	sec-Butyl N-isopropyl-N-propylphosphoramidocyanidate	1281955-97-2	2931.39.90
<b>1A02</b>	1,1,2-Trimethylpropyl N-propyl-N-isopropylphosphoramidocyanidate	1256634-76-0	2931.39.90
<b>1A02</b>	1,1,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate	1256572-25-4	2931.39.90
<b>1A02</b>	1,1,2-Trimethylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-75-9	2931.39.90

<b>1A02</b>	1,1,2-Trimethylpropyl N,N-dimethylphosphoramidocyanidate	1256634-77-1	2931.39.90
<b>1A02</b>	1,1,2-Trimethylpropyl N,Ndipropylphosphoramidocyanidate	1253782-51-2	2931.39.90
<b>1A03</b>	Butyl S-2-diethylaminoethyl ethylphosphonothioate	468712-20-1	2930.90.98
<b>1A03</b>	Butyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-46-1	2930.90.98
<b>1A03</b>	Butyl S-2-diethylaminoethyl methylphosphonothioate	468712-10-9	2930.90.98
<b>1A03</b>	Butyl S-2-diethylaminoethyl propylphosphonothioate	468712-35-8	2930.90.98
<b>1A03</b>	Butyl S-2-diisopropylaminoethyl ethylphosphonothioate	1253757-48-0	2930.90.98
<b>1A03</b>	Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate	958995-46-5	2930.90.98
<b>1A03</b>	Butyl S-2-diisopropylaminoethyl methylphosphonothioate	52364-46-2	2930.90.98
<b>1A03</b>	Butyl S-2-diisopropylaminoethyl propylphosphonothioate	959111-24-1	2930.90.98
<b>1A03</b>	Butyl S-2-dimethylaminoethyl methylphosphonothioate	56217-63-1	2930.90.98
<b>1A03</b>	Butyl S-2-dipropylaminoethyl methylphosphonothioate	1253759-45-3	2930.90.98
<b>1A03</b>	(R)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate	1220982-69-3	2930.90.98
<b>1A03</b>	(S)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate	1186330-22-2	2930.90.98
<b>1A03</b>	Cyclohexyl S-2-diethylaminoethyl ethylphosphonothioate	959020-04-3	2930.90.98
<b>1A03</b>	Cyclohexyl S-2-diethylaminoethyl methylphosphonothioate	71293-89-5	2930.90.98
<b>1A03</b>	Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate	69795-06-8	2930.90.98
<b>1A03</b>	Cyclohexylmethyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959233-60-4	2930.90.98
<b>1A03</b>	Cyclohexylmethyl S-2-diisopropylaminoethyl propylphosphonothioate	959268-47-4	2930.90.98
<b>1A03</b>	Cyclohexylmethyl S-2-dimethylaminoethyl propylphosphonothioate	959104-17-7	2930.90.98
<b>1A03</b>	Cyclooctyl S-2-dimethylaminoethyl propylphosphonothioate	959010-50-5	2930.90.98
<b>1A03</b>	(R)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	102490-57-3	2930.90.98
<b>1A03</b>	(S)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	102490-59-5	2930.90.98
<b>1A03</b>	Cyclopentyl S-2-diethylaminoethyl ethylphosphonothioate	468712-24-5	2930.90.98
<b>1A03</b>	Cyclopentyl S-2-diethylaminoethyl methylphosphonothioate	93240-66-5	2930.90.98
<b>1A03</b>	Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	85473-33-2	2930.90.98
<b>1A03</b>	Cyclopentyl S-2-dimethylaminoethyl methylphosphonothioate	22925-98-0	2930.90.98
<b>1A03</b>	Decyl S-2-diethylaminoethyl ethylphosphonothioate	468712-33-6	2930.90.98
<b>1A03</b>	Decyl S-2-diethylaminoethyl methylphosphonothioate	959288-69-8	2930.90.98
<b>1A03</b>	Decyl S-2-dimethylaminoethyl methylphosphonothioate	1253735-72-6	2930.90.98
<b>1A03</b>	N,N-Diethyl-2-[[cyclohexyloxy)methylphosphoryl]thio}-N-methylethanaminium iodide	132412-52-3	2930.90.98
<b>1A03</b>	S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate 4-methylbenzenesulfonate	107059-49-4	2930.90.98

1A03	S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate oxalate	108776-13-2	2930.90.98
1A03	S-2 Diethylaminoethyl ethylphosphonothioate	161935-18-8	2930.90.98
1A03	S-2-Diethylaminoethyl methylphosphonothioate	21068-51-9	2930.90.98
1A03	S-2 Diisopropylaminoethyl ethylphosphonothioate	161935-16-6	2930.90.98
1A03	S-2-Diisopropylaminoethyl methylphosphonothioate	73207-98-4	2930.90.98
1A03	S-[2-(Dimethylamino)ethyl] O-ethyl methylphosphonothioate	20820-80-8	2930.90.98
1A03	S-[2-(dimethylamino)ethyl] O-ethyl methylphosphonothioate oxalate	2641-09-0	2930.90.98
1A03	S-[2-(dimethylamino)ethyl] O-isopropyl methylphosphonothioate oxalate	2478-93-5	2930.90.98
1A03	S-(2-{[2-(dimethylamino)ethyl]sulfanyl}ethyl) hydrogen methylphosphonothioate	170082-85-6	2930.90.98
1A03	S-2-Dimethylaminoethyl ethylphosphonothioate	1253735-44-2	2930.90.98
1A03	S-2-Dimethylaminoethyl methylphosphonothioate	34256-71-8	2930.90.98
1A03	S-2-Dimethylaminoethyl propylphosphonothioate	1253735-61-3	2930.90.98
1A03	2-({[(3,3-dimethylbutan-2-yl)oxy](methyl)phosphoryl}sulfanyl)-N,N,N-trimethylethanaminium	38770-03-5	2930.90.98
1A03	1,2-Dimethylbutyl S-2-dimethylaminoethyl ethylphosphonothioate	1253739-43-3	2930.90.98
1A03	3,3-Dimethylbutyl S-2-dimethylaminoethyl methylphosphonothioate	34388-36-8	2930.90.98
1A03	2,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothioate	1253766-83-4	2930.90.98
1A03	2,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothioate	1253767-73-5	2930.90.98
1A03	2,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothioate	1253768-73-8	2930.90.98
1A03	2,2-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothioate	56217-66-4	2930.90.98
1A03	S-2-Dipropylaminoethyl methylphosphonothioate	30102-97-7	2930.90.98
1A03	2-{[Ethoxy(ethyl)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	24578-82-3	2930.90.98
1A03	2-{[Ethoxy(ethyl)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	220718-05-8	2930.90.98
1A03	2-{[Ethoxy(methyl)phosphoryl]thio}-N,N,N-trimethylethanaminium	56217-67-5	2930.90.98
1A03	2-{[Ethoxy(methyl)phosphoryl]thio}-N,N-diethyl-N-methylethanaminium iodide	220718-02-5	2930.90.98
1A03	N-(2-{[Ethoxy(methyl)phosphoryl]thio}ethyl)-N-isopropyl-N-methylpropan-2-aminium iodide	220718-03-6	2930.90.98
1A03	2-[(Ethoxymethylphosphoryl)thio]-N,N,N-trimethylethanaminium iodide	2478-92-4	2930.90.98
1A03	O-Ethyl-diisopropylaminoethyl methyl phosphonothioate; VX	50782-69-9	2930.90.98
1A03	(R)-Ethyl S-2-diethylaminoethyl ethylphosphonothioate	1187548-77-1	2930.90.98
1A03	(R)-Ethyl S-2-diethylaminoethyl methylphosphonothioate	1187548-81-7	2930.90.98
1A03	(R)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate	65167-63-7	2930.90.98
1A03	(S)-Ethyl S-2-diethylaminoethyl ethylphosphonothioate	1187548-79-3	2930.90.98



<b>1A03</b>	(S)-Ethyl S-2-diethylaminoethyl methylphosphonothioate	1187548-82-8	2930.90.98
<b>1A03</b>	(S)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate	65167-64-8	2930.90.98
<b>1A03</b>	Ethyl S-2-diethylaminoethyl ethylphosphonothioate	21738-25-0	2930.90.98
<b>1A03</b>	Ethyl S-2-diethylaminoethyl ethylphosphonothioate oxalate	108302-04-1	2930.90.98
<b>1A03</b>	Ethyl S-2-diethylaminoethyl isopropylphosphonothioate	99991-06-7	2930.90.98
<b>1A03</b>	Ethyl S-2-diethylaminoethyl methylphosphonothioate	21770-86-5	2930.90.98
<b>1A03</b>	Ethyl S-2-diethylaminoethyl propylphosphonothioate	99991-07-8	2930.90.98
<b>1A03</b>	Ethyl S-2-diisopropylaminoethyl ethylphosphonothioate	73835-17-3	2930.90.98
<b>1A03</b>	Ethyl S-2-diisopropylaminoethyl propylphosphonothioate	218964-60-4	2930.90.98
<b>1A03</b>	Ethyl S-2-diisopropylammoniummethyl methylphosphonothioate chloride	1253746-35-8	2930.90.98
<b>1A03</b>	Ethyl S-2-diisopropylmethylammoniummethyl ethylphosphonothioate iodide	1253742-77-6	2930.90.98
<b>1A03</b>	Ethyl S-2-dimethylaminoethyl ethylphosphonothioate	98543-25-0	2930.90.98
<b>1A03</b>	Ethyl S-2-dimethylaminoethyl isopropylphosphonothioate	1253744-32-9	2930.90.98
<b>1A03</b>	Ethyl S-2-dimethylaminoethyl propylphosphonothioate	218964-59-1	2930.90.98
<b>1A03</b>	Ethyl S-2-dipropylaminoethyl methylphosphonothioate	62512-68-9	2930.90.98
<b>1A03</b>	2-{[Ethyl(isopropoxy)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	220718-06-9	2930.90.98
<b>1A03</b>	1-Ethylpropyl S-2-diisopropylaminoethyl propylphosphonothioate	958997-65-4	2930.90.98
<b>1A03</b>	1-Ethylpropyl S-2-dimethylaminoethyl ethylphosphonothioate	1253739-92-2	2930.90.98
<b>1A03</b>	Heptyl S-2-diethylaminoethyl ethylphosphonothioate	468712-29-0	2930.90.98
<b>1A03</b>	Heptyl S-2-diethylaminoethylmethylphosphonothioate	468712-17-6	2930.90.98
<b>1A03</b>	Heptyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959233-58-0	2930.90.98
<b>1A03</b>	Hexyl S-2-diethylaminoethyl ethylphosphonothioate	468712-25-6	2930.90.98
<b>1A03</b>	Hexyl S-2-diethylaminoethyl methylphosphonothioate	468712-15-4	2930.90.98
<b>1A03</b>	Hexyl S-2-diisopropylaminoethyl methylphosphonothioate	82721-31-1	2930.90.98
<b>1A03</b>	Hexyl S-2-dimethylaminoethyl methylphosphonothioate	69777-00-0	2930.90.98
<b>1A03</b>	Isobutyl S-2-diethylaminoethyl ethylphosphonothioate	468712-21-2	2930.90.98
<b>1A03</b>	Isobutyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-47-2	2930.90.98
<b>1A03</b>	Isobutyl S-2-diethylaminoethyl methylphosphonothioate	159939-87-4	2930.90.98
<b>1A03</b>	Isobutyl S-2-diethylaminoethyl propylphosphonothioate	468712-36-9	2930.90.98
<b>1A03</b>	Isobutyl S-2-diisopropylaminoethyl methylphosphonothioate	855307-83-4	2930.90.98
<b>1A03</b>	Isobutyl S-2-dimethylaminoethyl ethylphosphonothioate	1253771-21-9	2930.90.98
<b>1A03</b>	Isobutyl S-2-dimethylaminoethyl methylphosphonothioate	56217-65-3	2930.90.98
<b>1A03</b>	Isobutyl S-2-dipropylaminoethyl methylphosphonothioate	1253772-23-4	2930.90.98

<b>1A03</b>	Isopentyl S-2-diethylaminoethyl ethylphosphonothioate	468712-23-4	2930.90.98
<b>1A03</b>	(R)-2-2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide	26348-71-0	2930.90.98
<b>1A03</b>	2-2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium	56217-69-7	2930.90.98
<b>1A03</b>	2-2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide	1866-98-4	2930.90.98
<b>1A03</b>	Isopropyl S-2-diethylaminoethyl ethylphosphonothioate	162085-93-0	2930.90.98
<b>1A03</b>	Isopropyl S-2-diethylaminoethyl methylphosphonothioate	91134-95-1	2930.90.98
<b>1A03</b>	Isopropyl S-2-diethylaminoethyl propylphosphonothioate	468712-34-7	2930.90.98
<b>1A03</b>	Isopropyl S-2-diethylpropylammoniummethyl ethylphosphonothiolate iodide	1253752-57-6	2930.90.98
<b>1A03</b>	Isopropyl S-2-diisopropylaminoethyl ethylphosphonothioate	162085-95-2	2930.90.98
<b>1A03</b>	Isopropyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959289-50-0	2930.90.98
<b>1A03</b>	Isopropyl S-2-diisopropylaminoethyl methylphosphonothioate	51446-23-2	2930.90.98
<b>1A03</b>	Isopropyl S-2-dimethylaminoethyl (R)-methylphosphonothioate	13915-99-6	2930.90.98
<b>1A03</b>	Isopropyl S-2-dimethylaminoethyl (S)-methylphosphonothioate	13915-98-5	2930.90.98
<b>1A03</b>	Isopropyl S-2-dimethylaminoethyl ethylphosphonothioate	162085-92-9	2930.90.98
<b>1A03</b>	Isopropyl S-2-dimethylaminoethyl methylphosphonothioate	21068-52-0	2930.90.98
<b>1A03</b>	Isopropyl S-2-dimethylpropylammoniummethyl ethylphosphonothiolate iodide	1253753-51-3	2930.90.98
<b>1A03</b>	Methyl S-2-diethylaminoethyl ethylphosphonothioate	170800-77-8	2930.90.98
<b>1A03</b>	Methyl S-2-diethylaminoethyl methylphosphonothioate	203385-78-8	2930.90.98
<b>1A03</b>	Methyl S-2-diisopropylaminoethyl ethylphosphonothioate	162085-94-1	2930.90.98
<b>1A03</b>	Methyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-32-9	2930.90.98
<b>1A03</b>	Methyl S-2-dimethylaminoethyl ethylphosphonothioate	468712-18-7	2930.90.98
<b>1A03</b>	Methyl S-2-dimethylaminoethyl methylphosphonothioate	108490-92-2	2930.90.98
<b>1A03</b>	2-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253735-81-7	2930.90.98
<b>1A03</b>	2-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate	1253735-83-9	2930.90.98
<b>1A03</b>	3-Methylbutyl S-2-diethylaminoethyl methylphosphonothioate	468712-12-1	2930.90.98
<b>1A03</b>	3-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253735-73-7	2930.90.98
<b>1A03</b>	3-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate	1253735-78-2	2930.90.98
<b>1A03</b>	2-Methylcyclopentyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253736-58-1	2930.90.98
<b>1A03</b>	2-Methylcyclopentyl S-2-dimethylaminoethyl methylphosphonothiolate	1253736-59-2	2930.90.98
<b>1A03</b>	1-Methylpentyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253739-96-6	2930.90.98
<b>1A03</b>	1-Methylpentyl S-2-dimethylaminoethyl methylphosphonothioate	79351-19-2	2930.90.98
<b>1A03</b>	1-Methylpentyl S-2-dipropylaminoethyl methylphosphonothiolate	1253740-08-7	2930.90.98

<b>1A03</b>	2-Methylpentyl S-2-diethylaminoethyl ethylphosphonothioate	959288-71-2	2930.90.98
<b>1A03</b>	2-Methylpentyl S-2-diethylaminoethyl methylphosphonothioate	468712-14-3	2930.90.98
<b>1A03</b>	4-Methylpentyl S-2-diisopropylaminoethyl propylphosphonothioate	959054-90-1	2930.90.98
<b>1A03</b>	4-Methylpentyl S-2-dimethylaminoethyl propylphosphonothioate	959259-06-4	2930.90.98
<b>1A03</b>	Nonyl S-2-diethylaminoethyl ethylphosphonothioate	468712-32-5	2930.90.98
<b>1A03</b>	Nonyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253735-84-0	2930.90.98
<b>1A03</b>	Nonyl S-2-dipropylaminoethyl methylphosphonothiolate	1253736-10-5	2930.90.98
<b>1A03</b>	Octyl S-2-diethylaminoethyl ethylphosphonothioate	468712-30-3	2930.90.98
<b>1A03</b>	Octyl S-2-dimethylaminoethyl propylphosphonothioate	959010-49-2	2930.90.98
<b>1A03</b>	Pentyl S-2-diethylaminoethyl ethylphosphonothiolate	1253761-22-6	2930.90.98
<b>1A03</b>	Pentyl S-2-diethylaminoethyl methylphosphonothiolate	1253764-67-8	2930.90.98
<b>1A03</b>	Pentyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-36-3	2930.90.98
<b>1A03</b>	Pentyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253762-74-1	2930.90.98
<b>1A03</b>	Pentyl S-2-dimethylaminoethyl methylphosphonothioate	56217-64-2	2930.90.98
<b>1A03</b>	Pentyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253763-58-4	2930.90.98
<b>1A03</b>	Pentyl S-2-dipropylaminoethyl methylphosphonothiolate	1253765-64-8	2930.90.98
<b>1A03</b>	Phosphonothioic acid, P-methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-ethyl ester	50782-69-9	2930.90.98
<b>1A03</b>	Propyl S-2-diethylaminoethyl ethylphosphonothioate	468712-19-8	2930.90.98
<b>1A03</b>	Propyl S-2-diethylaminoethyl propylphosphonothioate	959288-70-1	2930.90.98
<b>1A03</b>	Propyl S-2-diisopropylaminoethyl ethylphosphonothiolate	1253755-29-1	2930.90.98
<b>1A03</b>	Propyl S-2-diisopropylaminoethyl methylphosphonothioate	52364-45-1	2930.90.98
<b>1A03</b>	Propyl S-2-diisopropylaminoethyl propylphosphonothioate	958997-62-1	2930.90.98
<b>1A03</b>	Propyl S-2-dimethylaminoethyl methylphosphonothioate	56217-62-0	2930.90.98
<b>1A03</b>	Propyl S-2-dimethylaminoethyl propylphosphonothioate	959259-05-3	2930.90.98
<b>1A03</b>	Propyl S-2-dipropylaminoethyl methylphosphonothiolate	1253756-54-5	2930.90.98
<b>1A03</b>	Propyl S-2-dipropylaminoethyl propylphosphonothioate	959233-79-5	2930.90.98
<b>1A03</b>	O-sec-butyl S-[2-(dimethylamino)ethyl] ethylphosphonothioate oxalate	50929-97-0	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diethylaminoethyl ethylphosphonothioate	468712-22-3	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-48-3	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diethylaminoethyl methylphosphonothioate	468712-11-0	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diethylaminoethyl propylphosphonothioate	468712-37-0	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959040-29-0	2930.90.98

<b>1A03</b>	sec-Butyl S-2-diisopropylaminoethyl methylphosphonothioate	1253773-82-8	2930.90.98
<b>1A03</b>	sec-Butyl S-2-diisopropylaminoethyl propylphosphonothioate	959257-17-1	2930.90.98
<b>1A03</b>	sec-Butyl S-2-dimethylaminoethyl ethylphosphonothioate	50929-96-9	2930.90.98
<b>1A03</b>	tert-Butyl S-2-diethylaminoethyl methylphosphonothioate	288578-18-7	2930.90.98
<b>1A03</b>	3,5,5-Trimethylhexyl S-2-diisopropylaminoethyl propylphosphonothioate	959257-18-2	2930.90.98
<b>1A03</b>	3,5,5-Trimethylhexyl S-2-dimethylaminoethyl propylphosphonothioate	959250-22-7	2930.90.98
<b>1A03</b>	1,2,2-Trimethylpropyl S-2-diethylaminoethyl methylphosphonothioate	468712-13-2	2930.90.98
<b>1A03</b>	1,2,2-Trimethylpropyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-38-5	2930.90.98
<b>1A04</b>	1,2-Bis (2-chloroethylthio)ethane; Sulphur mustard	3563-36-8	2930.90.98
<b>1A04</b>	1,3-Bis (2-chloroethylthio)-n-propane; Sulphur mustard	63905-10-2	2930.90.98
<b>1A04</b>	1,4-Bis (2-chloroethylthio)-n-butane; Sulphur mustard	142868-93-7	2930.90.98
<b>1A04</b>	1,5-Bis (2-chloroethylthio)-n-pentane; Sulphur mustard	142868-94-8	2930.90.98
<b>1A04</b>	Bis (2-chloroethyl) sulphide; Sulphur mustard	505-60-2	2930.90.98
<b>1A04</b>	Bis (2-chloroethylthio) methane; Sulphur mustard	63869-13-6	2930.90.98
<b>1A04</b>	Bis (2-chloroethylthioethyl) ether; Sulphur mustard	63918-89-8	2930.90.98
<b>1A04</b>	Bis (2-chloroethylthiomethyl) ether; Sulphur mustard	63918-90-1	2930.90.98
<b>1A04</b>	2-Chloroethylchloromethylsulphide; Sulphur mustard	2625-76-5	2930.90.98
<b>1A05</b>	Bis (2-chlorovinyl) chloroarsine; Lewisite 3	40334-69-8	2931.90.00
<b>1A05</b>	2-Chlorovinyl dichloroarsine; Lewisite 1	541-25-3	2931.90.00
<b>1A05</b>	Tris (2-chlorovinyl) arsine; Lewisite 2	40334-70-1	2931.90.00
<b>1A06</b>	Bis-(2-chloroethyl) methylamine; HN2	51-75-2	2921.19.99
<b>1A06</b>	Bis(2-chloroethyl)ethylamine; HN1	538-07-8	2921.19.99
<b>1A06</b>	Tris-(2-chloroethyl) amine; HN3	555-77-1	2921.19.99
<b>1A07</b>	Saxitoxin	35523-89-8	3002.90.90
<b>1A08</b>	Ricin	9009-86-3	3002.90.90
<b>1A13</b>	N-(1-(di-n-decylamino)-n-decylidene)-P-decylphosphonamidic fluoride	2387495-99-8	2931.39.90
<b>1A13</b>	Methyl-(1-(diethylamino)ethylidene)phosphonamidofluoridate; Novichok A-230	2387496-12-8	2931.39.90
<b>1A14</b>	O-n-Decyl N-(1-(di-n-decylamino)-n-decylidene)phosphoramidofluoridate	2387496-00-4	2929.90.00
<b>1A14</b>	Ethyl (1-(diethylamino)ethylidene)phosphoramidofluoridate; Novichok A-234	2387496-06-0	2929.90.00
<b>1A14</b>	Methyl (1-(diethylamino)ethylidene)phosphoramidofluoridate; Novichok A-232	2387496-04-8	2929.90.00
<b>1A15</b>	Methyl-(bis(diethylamino)methylene)phosphonamidofluoridate;	2387496-14-0	2931.39.90

	Novichok A-242		
<b>1A16</b>	1,10-Bis[N-(3-dimethylcarbamoy- $\alpha$ -picolyl)-N-ethyl-N-methylammonio]decane-2,9-dione dibromide	77104-00-8	2933.39.99
<b>1A16</b>	1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10-[N-(3-dimethylcarbamoy- $\alpha$ -picolyl)-N,N-dimethylammonio]decane dibromide	77104-62-2	2933.39.99
<b>1B09</b>	Ethylphosphonyl difluoride	753-98-0	2931.39.90
<b>1B09</b>	Isopropylphosphonic difluoride	677-42-9	2931.39.90
<b>1B09</b>	Methylphosphonyl difluoride; DF	676-99-3	2931.39.20
<b>1B09</b>	Propylphosphonic difluoride	690-14-2	2931.39.90
<b>1B10</b>	Butyl 2-diethylaminoethyl methylphosphonite	169662-68-4	2931.39.90
<b>1B10</b>	Cyclopentyl 2-diisopropylaminoethyl methylphosphonite	1282026-51-0	2931.39.90
<b>1B10</b>	Ethyl 2-diethylaminoethyl methylphosphonite	55523-55-2	2931.39.90
<b>1B10</b>	O-Ethyl O-2-diisopropylaminoethyl methylphosphonite; QL	57856-11-8	2931.39.90
<b>1B11</b>	Chlorosarin	1445-76-7	2931.39.90
<b>1B12</b>	3-[chloro(methyl)phosphoryl]oxy-2,2-dimethylbutane; Chlorosoman	7040-57-5	2931.39.90
<b>2A01</b>	O,O-diethyl S-[2-(diethylamino)ethyl] phosphorothioate; Amiton	78-53-5	2930.90.98
<b>2A01</b>	2-[(diethoxyphosphoryl)sulfanyl]-N,N,N-triethylethanaminium; Amiton salt	20194-81-4	2930.90.98
<b>2A01</b>	[2-(diethylthiophosphor-S-yl)ethyl]diethylammonium hydrogen oxalate; Amiton salt	3734-97-2	2930.90.98
<b>2A02</b>	1,1,3,3,3-pentafluoro-2-(trifluoromethyl)prop-1-ene; PFIB	382-21-8	2903.39.39
<b>2A03</b>	3-Quinuclidinyl benzilate; BZ	6581-06-2	2933.39.99
<b>2B04</b>	Aluminium methyl methylphosphonate	35851-62-8	2931.39.90
<b>2B04</b>	Aluminium methyl propylphosphonate	114076-21-0	2931.39.90
<b>2B04</b>	Bis(1-ethylpropyl) methylphosphonate	5828-67-1	2931.39.90
<b>2B04</b>	Bis(1-methylbutyl) methylphosphonate	460091-25-2	2931.39.90
<b>2B04</b>	Bis(1-methylethyl) methylphosphonate	1445-75-6	2931.39.90
<b>2B04</b>	Bis(1-methylheptyl) methylphosphonate	76341-63-4	2931.39.90
<b>2B04</b>	Bis(1-methylpentyl) methylphosphonate	1020119-28-1	2931.39.90
<b>2B04</b>	Bis(1,2,2-trimethylpropyl) ethylphosphonate	169739-48-4	2931.39.90
<b>2B04</b>	Bis(1,2,2-trimethylpropyl) methylphosphonate	7040-58-6	2931.39.90
<b>2B04</b>	Bis(1,2,2-trimethylpropyl) propylphosphonate	192438-31-6	2931.39.90
<b>2B04</b>	Bis(1,3-dimethylbutyl) methylphosphonate	959028-09-2	2931.39.90
<b>2B04</b>	Bis(2-chloroethyl) methylphosphonate	2799-58-8	2931.39.90
<b>2B04</b>	Bis(2-ethylhexyl) methylphosphonate	60556-68-5	2931.39.90
<b>2B04</b>	Bis(2-methoxyethyl) ethylphosphonate	170275-34-0	2931.39.90

<b>2B04</b>	Bis(2-methoxyethyl) methylphosphonate	6069-09-6	2931.39.90
<b>2B04</b>	Bis(polyoxyethylene) methylphosphonate	363626-50-0	Subhead. 3907.20
<b>2B04</b>	Bis[(5-Ethyl-2-methyl-2-oxido-1,3,2- dioxaphosphinan-5-yl)methyl] methylphosphonate	42595-45-9	2931.37.00
<b>2B04</b>	Boranylidene methylphosphonium	14975-23-6	2931.39.90
<b>2B04</b>	(E)-2-Butenyl methylphosphonofluoridate	138780-00-4	2931.39.90
<b>2B04</b>	Butyl methyl methylphosphonate	683-32-9	2931.39.90
<b>2B04</b>	Butyl methylphosphinate	6172-80-1	2931.39.90
<b>2B04</b>	Butyl methylphosphonate	1832-55-9	2931.39.90
<b>2B04</b>	Butyl methylphosphonochloridate	23164-47-8	2931.39.90
<b>2B04</b>	O-(3-chloropropyl) O-[4-nitro-3-(trifluoromethyl)phenyl] methylphosphonothionate	849-29-6	2931.39.90
<b>2B04</b>	Cyclohexyl ethylphosphonate	170424-87-0	2931.39.90
<b>2B04</b>	Cyclohexyl ethylphosphonochloridate	57523-33-8	2931.39.90
<b>2B04</b>	Cyclohexyl methyl methylphosphonate	7040-52-0	2931.39.90
<b>2B04</b>	Cyclohexyl methylphosphonate	1932-60-1	2931.39.90
<b>2B04</b>	Cyclohexyl methylphosphonochloridate	7040-92-8	2931.39.90
<b>2B04</b>	O-Cyclohexyl methylphosphonofluoridothioate	4241-34-3	2931.39.90
<b>2B04</b>	Dibutyl methylphosphonate	2404-73-1	2931.39.90
<b>2B04</b>	O,O-Dibutyl methylphosphonothioate	18628-73-4	2931.39.90
<b>2B04</b>	Dibutyl propylphosphonate	4628-12-0	2931.39.90
<b>2B04</b>	Dicyclohexyl methylphosphonate	7040-53-1	2931.39.90
<b>2B04</b>	Dicyclopentyl methylphosphonate	22583-27-3	2931.39.90
<b>2B04</b>	Diethyl ethylphosphonate	78-38-6	2931.33.00
<b>2B04</b>	Diethyl ethylphosphonite	2651-85-6	2931.39.90
<b>2B04</b>	Diethyl isopropylphosphonate	1538-69-8	2931.39.90
<b>2B04</b>	Diethyl isopropylphosphonite	61820-31-3	2931.39.90
<b>2B04</b>	Diethyl methylphosphonate	683-08-9	2931.39.90
<b>2B04</b>	Diethyl methylphosphonite	15715-41-0	2931.39.90
<b>2B04</b>	S,S-Diethyl methylphosphonodithioate	995-88-0	2930.90.98
<b>2B04</b>	O,O-Diethyl methylphosphonothioate	6996-81-2	2931.39.90
<b>2B04</b>	Diethyl propylphosphonate	18812-51-6	2931.39.90
<b>2B04</b>	Diheptyl methylphosphonate	77304-64-4	2931.39.90
<b>2B04</b>	Dihexyl isopropylphosphonate	148456-62-6	2931.39.90

<b>2B04</b>	Dihexyl methylphosphonate	77304-63-3	2931.39.90
<b>2B04</b>	Diisopropyl dimethyldiphosphonate	28616-51-5	2931.39.90
<b>2B04</b>	Diisopropyl ethylphosphonate	1067-69-2	2931.39.90
<b>2B04</b>	Diisopropyl isopropylphosphonate	3759-39-5	2931.39.90
<b>2B04</b>	Diisopropyl propylphosphonate	18812-55-0	2931.39.90
<b>2B04</b>	3,9-Dimethyl-2,4,8,10-tetraoxa-3,9- diphosphaspiro[5.5]undecane 3,9-dioxide	3001-98-7	2931.39.90
<b>2B04</b>	Dimethyl ethylphosphonate	6163-75-3	2931.39.90
<b>2B04</b>	Dimethyl ethylphosphonite	15715-42-1	2931.39.90
<b>2B04</b>	Dimethyl isopropylphosphonate	54552-77-1	2931.39.90
<b>2B04</b>	Dimethyl methylphosphonate	756-79-6	2931.31.00
<b>2B04</b>	Dimethyl propylphosphonate	18755-43-6	2931.32.00
<b>2B04</b>	Dinonyl methylphosphonate	95428-88-9	2931.39.90
<b>2B04</b>	Diocetyl ethylphosphonate	6156-13-4	2931.39.90
<b>2B04</b>	Diocetyl isopropylphosphonate	83218-22-8	2931.39.90
<b>2B04</b>	Diocetyl methylphosphonate	1832-68-4	2931.39.90
<b>2B04</b>	Diocetyl propylphosphonate	959044-15-6	2931.39.90
<b>2B04</b>	O,O-Dipentyl methylphosphonothioate	91964-75-9	2931.39.90
<b>2B04</b>	Diphenyl methylphosphonate	7526-26-3	2931.39.90
<b>2B04</b>	Dipinacoyl dimethyldiphosphonate	81397-56-0	2931.39.90
<b>2B04</b>	Dipropyl isopropylphosphonate	192698-90-1	2931.39.90
<b>2B04</b>	S-2-Dipropylaminoethyl methylphosphonothionofluoridate	28841-40-9	2930.90.98
<b>2B04</b>	Dipropyldiphosphonic acid	71760-04-8	2931.39.90
<b>2B04</b>	(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate	41203-81-0	2931.36.00
<b>2B04</b>	O-ethyl ethylchloridothiophosphonate	1497-68-3	2931.39.90
<b>2B04</b>	Ethyl ethylphosphonate	7305-61-5	2931.39.90
<b>2B04</b>	Ethyl isopropylphosphonate	4546-11-7	2931.39.90
<b>2B04</b>	Ethyl methyl ethylisopropylphosphoramidate	906801-34-1	2929.90.00
<b>2B04</b>	Ethyl methyl methylphosphonate	18755-36-7	2931.39.90
<b>2B04</b>	Ethyl methylphosphinate	16391-07-4	2931.39.90
<b>2B04</b>	Ethyl methylphosphonate	1832-53-7	2931.39.90
<b>2B04</b>	Ethyl methylphosphonite	89034-24-2	2931.39.90
<b>2B04</b>	Ethyl methylphosphonochloridate	5284-09-3	2931.39.90

<b>2B04</b>	O-Ethyl methylphosphonochloridothioate	2524-16-5	2931.39.90
<b>2B04</b>	Ethyl N,N-diethyl-P-methylphosphonamidate	2404-81-1	2931.39.90
<b>2B04</b>	Ethyl propylphosphonochloridate	28830-00-4	2931.39.90
<b>2B04</b>	Ethyl S-dicyclohexylammonium methylphosphonothioate	73790-51-9	2931.39.90
<b>2B04</b>	O-Ethyl S-hydrogen methylphosphonothioate	18005-40-8	2931.39.90
<b>2B04</b>	2-Ethylhexyl methylphosphonate	13688-82-9	2931.39.90
<b>2B04</b>	Ethylphosphinyl dichloride	1498-40-4	2931.39.90
<b>2B04</b>	Ethylphosphinyl difluoride	430-78-4	2931.39.90
<b>2B04</b>	Ethylphosphonic acid	6779-09-5	2931.39.90
<b>2B04</b>	Ethylphosphonothioic dichloride	993-43-1	2931.39.90
<b>2B04</b>	Ethylphosphonothioic O,O-acid	13991-98-5	2931.39.90
<b>2B04</b>	Ethylphosphonyl dichloride	1066-50-8	2931.39.90
<b>2B04</b>	Heptyl methylphosphonate	170275-32-8	2931.39.90
<b>2B04</b>	Hexyl methylphosphonate	148456-69-3	2931.39.90
<b>2B04</b>	Isobutyl isopropylphosphonochloridate	170082-70-9	2931.39.90
<b>2B04</b>	Isobutyl methylphosphonate	1604-38-2	2931.39.90
<b>2B04</b>	Isobutyl methylphosphonochloridate	18359-05-2	2931.39.90
<b>2B04</b>	O-Isobutyl methylphosphonothioate	20626-99-7	2931.39.90
<b>2B04</b>	Isobutyl propylphosphonochloridate	13213-47-3	2931.39.90
<b>2B04</b>	Isopropyl 1,2,2-trimethylpropyl methylphosphonate	92411-67-1	2931.39.90
<b>2B04</b>	Isopropyl ethylphosphonate	170135-50-9	2931.39.90
<b>2B04</b>	Isopropyl ethylphosphonochloridate	28829-95-0	2931.39.90
<b>2B04</b>	Isopropyl isopropylphosphonate	249934-15-4	2931.39.90
<b>2B04</b>	Isopropyl methyl isopropylphosphonate	331954-04-2	2931.39.90
<b>2B04</b>	Isopropyl methyl phosphonic acid	1832-54-8	2931.39.90
<b>2B04</b>	Isopropyl methyl propylphosphonate	211923-89-6	2931.39.90
<b>2B04</b>	Isopropyl propylphosphonate	53621-99-1	2931.39.90
<b>2B04</b>	Isopropylphosphonic dichloride	1498-46-0	2931.39.90
<b>2B04</b>	Isopropylphosphonothioic dichloride	1498-60-8	2931.39.90
<b>2B04</b>	Isopropylphosphonous dichloride	25235-15-8	2931.39.90
<b>2B04</b>	Methyl 1,2,2-trimethylpropyl methylphosphonate	7040-59-7	2931.39.90
<b>2B04</b>	Methyl 3-(trimethoxysilyl)propyl methylphosphonate	67812-17-3	2931.39.90
<b>2B04</b>	O-Methyl ethylphosphonochloridothioate	1497-69-4	2931.39.90



<b>2B04</b>	Methyl isopropylphosphonate	249934-13-2	2931.39.90
<b>2B04</b>	Methyl methylphosphonate	1066-53-1	2931.39.90
<b>2B04</b>	O-Methyl methylphosphonochloridothioate	2524-15-4	2931.39.90
<b>2B04</b>	S-Methyl methylphosphonochloridothioate	13113-89-8	2930.90.98
<b>2B04</b>	S-Methyl methylphosphonothioate	73675-56-6	2930.90.98
<b>2B04</b>	Methyl propyl isopropylphosphonate	741700-63-0	2931.39.90
<b>2B04</b>	Methyl propyl propylphosphonate	18755-44-7	2931.39.90
<b>2B04</b>	1-Methylbutyl methylphosphonate	198885-54-0	2931.39.90
<b>2B04</b>	1-Methylheptyl methylphosphonate	148456-51-3	2931.39.90
<b>2B04</b>	1-Methylpentyl methylphosphonate	944146-50-3	2931.39.90
<b>2B04</b>	4-Methylpentyl methylphosphonate	944146-51-4	2931.39.90
<b>2B04</b>	Methylphosphinic acid	4206-94-4	2931.39.90
<b>2B04</b>	Methylphosphinyl dichloride	676-83-5	2931.39.90
<b>2B04</b>	Methylphosphinyl difluoride	753-59-3	2931.39.90
<b>2B04</b>	Methylphosphonic acid	993-13-5	2931.39.90
<b>2B04</b>	Methylphosphonic acid compound with (aminoiminomethyl)urea (1:1)	84402-58-4	2931.38.00
<b>2B04</b>	P-methylphosphonic diamide	4759-30-2	2931.39.90
<b>2B04</b>	Methylphosphonothioic dichloride	676-98-2	2931.39.90
<b>2B04</b>	Methylphosphonothioic O,O-acid	5994-73-0	2931.39.90
<b>2B04</b>	Methylphosphonyl dichloride	676-97-1	2931.39.30
<b>2B04</b>	1-Methylprop-2-yn-1-yl methylphosphonofluoridate	30593-71-6	2931.39.90
<b>2B04</b>	2-Methylpropyl methyl methylphosphonate	150799-85-2	2931.39.90
<b>2B04</b>	Methyltriphenoxyphosphonium iodide	17579-99-6	2931.39.90
<b>2B04</b>	Mixture of CAS RN 41203-81-0 and CAS RN 42595-45-9	170836-68-7	3824.91.00
<b>2B04</b>	Nonyl methylphosphonate	1832-60-6	2931.39.90
<b>2B04</b>	Octyl isopropylphosphonate	108506-63-4	2931.39.90
<b>2B04</b>	Octyl methylphosphonate	1832-58-2	2931.39.90
<b>2B04</b>	Octyl propylphosphonate	781566-65-2	2931.39.90
<b>2B04</b>	Pentamethylphosphonic diamide	2511-17-3	2931.39.90
<b>2B04</b>	Phenyl ethylphosphonofluoridate	959259-83-7	2931.39.90
<b>2B04</b>	Phenyl methylphosphonofluoridate	133826-40-1	2931.39.90
<b>2B04</b>	Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560	663176-00-9	3824.99.92
<b>2B04</b>	Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560 TP	294675-51-7	3824.99.92

<b>2B04</b>	Phosphonothioic acid, P-methyl-, O,S-diethyl ester	2511-10-6	2930.90.98
<b>2B04</b>	Phosphorus oxide, polymer with dimethyl methylphosphonate and oxirane; Fyroltex HP or Fyrol 51	70715-06-9	3824.99.86
<b>2B04</b>	Poly(1,3-phenylene methyl phosphonate)	63747-58-0	Subhead. 3911.90
<b>2B04</b>	Product from the reaction of Methylphosphonic acid and 1,2-Ethanediamine	99580-93-5	2931.39.90
<b>2B04</b>	Product from the reaction of Methylphosphonic acid and 1,3,5-Triazine-2,4,6-triamine 2,4,6-triamine	129788-86-9	2931.39.90
<b>2B04</b>	Propyl 1,2,2-trimethylpropyl methylphosphonate	90550-49-5	2931.39.90
<b>2B04</b>	Propyl isopropylphosphonate	741700-67-4	2931.39.90
<b>2B04</b>	Propyl methylphosphonate	4546-11-6	2931.39.90
<b>2B04</b>	Propyl methylphosphonochloridate	15110-09-5	2931.39.90
<b>2B04</b>	O-Propyl methylphosphonothionochloridate	18005-37-3	2931.39.90
<b>2B04</b>	Propyl propylphosphonate	21921-97-1	2931.39.90
<b>2B04</b>	Propylphosphonic acid	4672-38-2	2931.39.90
<b>2B04</b>	Propylphosphonothioic dichloride	2524-01-8	2931.39.90
<b>2B04</b>	Propylphosphonothioic O,O-acid	27797-35-9	2931.39.90
<b>2B04</b>	Propylphosphonyl dichloride	4708-04-7	2931.39.90
<b>2B04</b>	sec-butyl isopropylphosphonochloridate	170082-69-6	2931.39.90
<b>2B04</b>	sec-butyl propylphosphonochloridate	170082-71-0	2931.39.90
<b>2B04</b>	Sodium 3-(trihydroxysilyl)propyl methylphosphonate	84962-98-1	2931.34.00
<b>2B04</b>	Sodium O-butyl methylphosphonothioate	51825-85-5	2931.39.90
<b>2B04</b>	Sodium O-ethyl ethylphosphonothioate	17390-16-8	2931.39.90
<b>2B04</b>	Sodium O-ethyl methylphosphonothioate	22307-81-9	2931.39.90
<b>2B04</b>	Sodium O-ethyl propylphosphonothioate	117122-90-4	2931.39.90
<b>2B04</b>	Sodium O-isobutyl methylphosphonothioate	74789-32-5	2931.39.90
<b>2B04</b>	Sodium O-isopropyl methylphosphonothioate	92475-33-7	2931.39.90
<b>2B04</b>	Sodium O-methyl methylphosphonothioate	74789-31-4	2931.39.90
<b>2B04</b>	Sodium O-propyl methylphosphonothioate	51825-84-4	2931.39.90
<b>2B04</b>	1,2,2-Trimethylpropyl ethylphosphonate	143663-83-6	2931.39.90
<b>2B04</b>	1,2,2-Trimethylpropyl isopropylphosphonate	249934-16-5	2931.39.90
<b>2B04</b>	1,2,2-Trimethylpropyl methylphosphonate	616-52-4	2931.39.90
<b>2B04</b>	1,2,2-Trimethylpropyl propylphosphonate	249934-12-1	2931.39.90
<b>2B04</b>	2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide	68957-94-8	2931.35.00
<b>2B05</b>	Diethylphosphoramidic bromide fluoride	758-71-4	2929.90.00

<b>2B05</b>	Diethylphosphoramidic chloride fluoride	650-72-6	2929.90.00
<b>2B05</b>	Diethylphosphoramidic dichloride	1498-54-0	2929.90.00
<b>2B05</b>	Diethylphosphoramidic difluoride	359-94-4	2929.90.00
<b>2B05</b>	Diisopropylphosphoramidic dichloride	23306-80-1	2929.90.00
<b>2B05</b>	N,N-Dimethylaminophosphoryl dichloride	677-43-0	2929.90.00
<b>2B05</b>	Dimethylphosphoramidic chloride fluoride	36598-84-2	2929.90.00
<b>2B05</b>	Dimethylphosphoramidic difluoride	354-43-8	2929.90.00
<b>2B05</b>	Dipropylphosphoramidic dichloride	40881-98-9	2929.90.00
<b>2B05</b>	Dipropylphosphoramidic difluoride	40882-01-7	2929.90.00
<b>2B05</b>	Ethylisopropylphosphoramidic dichloride	777943-37-0	2929.90.00
<b>2B05</b>	Ethylmethylphosphoramidic dichloride	777943-34-7	2929.90.00
<b>2B05</b>	Ethylpropylphosphoramidic dichloride	777943-38-1	2929.90.00
<b>2B05</b>	Isopropylmethylphosphoramidic dichloride	777943-36-9	2929.90.00
<b>2B05</b>	Methylpropylphosphoramidic dichloride	777943-35-8	2929.90.00
<b>2B06</b>	Diethyl ethyl(methyl)phosphoramidate	53279-98-4	2929.90.00
<b>2B06</b>	Diethyl N,N-dimethylphosphoramidate	2404-03-7	2929.90.00
<b>2B06</b>	Diethyl N,N-dipropylphosphoramidate	91043-34-4	2929.90.00
<b>2B06</b>	Diisopropyl N,N-dimethylphosphoramidate	2404-04-8	2929.90.00
<b>2B06</b>	Dimethyl N,N-diethylphosphoramidate	65659-19-0	2929.90.00
<b>2B06</b>	Dimethyl N,N-diisopropylphosphoramidate	170275-46-4	2929.90.00
<b>2B06</b>	Dimethyl N,N-dimethylphosphoramidate	597-07-9	2929.90.00
<b>2B06</b>	Dipropyl N,N-diethylphosphoramidate	22250-42-6	2929.90.00
<b>2B06</b>	Dipropyl N,N-dimethylphosphoramidate	98543-28-3	2929.90.00
<b>2B06</b>	Dipropyl N,N-dipropylphosphoramidate	17123-10-3	2929.90.00
<b>2B06</b>	Ethyl methyl N,N-diisopropylphosphoramidate	848216-15-9	2929.90.00
<b>2B06</b>	Phosphoramidic acid, diethyl-, diethyl ester	3167-69-9	2929.90.00
<b>2B07</b>	Arsenic trichloride; AsCl <sub>3</sub>	7784-34-1	2812.19.90
<b>2B08</b>	Benzilic acid	76-93-7	2918.17.00
<b>2B09</b>	3-Quinuclidinol	1619-34-7	2933.39.99
<b>2B09</b>	R-(-)-3-Quinuclidinol	25333-42-0	2933.39.99
<b>2B10</b>	2-chloro-N-ethyl-N-methylethanamine	54153-16-1	2921.19.99
<b>2B10</b>	2-chloro-N-ethyl-N-methylethanamine hydrochloride	4535-88-0	2921.19.99
<b>2B10</b>	2-chloroethyl(diethyl)ammonium sulphate	68391-41-3	2921.19.99

<b>2B10</b>	N-(2-chloroethyl)-N-(isopropyl)propan-1-amine	688299-03-8	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-ethylpropan-1-amine hydrochloride	13105-93-6	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-ethylpropan-2-amine	92204-40-5	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-isopropylpropan-1-amine hydrochloride	4535-89-1	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-methylpropan-1-amine	763884-48-6	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-methylpropan-2-amine hydrochloride	15512-81-9	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-methylpropan-2-amine	408326-30-7	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-propylpropan-1-amine	36716-60-6	2921.19.99
<b>2B10</b>	N-(2-chloroethyl)-N-propylpropan-1-amine hydrochloride	4535-86-8	2921.19.99
<b>2B10</b>	2-Chloroethyldimethylamine	107-99-3	2921.19.99
<b>2B10</b>	N,N-Diethylaminoethyl-2-chloride	100-35-6	2921.19.99
<b>2B10</b>	N,N-Diethylaminoethyl-2-chloride hydrochloride	869-24-9	2921.13.00
<b>2B10</b>	N,N-Diisopropyl-(beta)-aminoethyl chloride	96-79-7	2921.19.99
<b>2B10</b>	N,N-Diisopropyl-2-aminoethyl chloride hydrochloride	4261-68-1	2921.14.00
<b>2B10</b>	2-(N,N-Dimethylamino)ethylchloride hydrochloride	4584-46-7	2921.12.00
<b>2B10</b>	Ethanamine, 2-chloro-N,N-diethyl-, sulfate	67845-39-0	2921.19.99
<b>2B11</b>	N,N-Diisopropyl-(beta)-amino-ethanol	96-80-0	2922.18.00
<b>2B11</b>	2-(N,N-Diisopropylamino)ethanol hydrogen sulfide salt	1373773-53-5	2922.19.00
<b>2B11</b>	2-(diisopropylamino)ethanol hydrochloride	63051-68-3	2922.19.00
<b>2B11</b>	2-(Dipropylamino)ethanol	3238-75-3	2922.19.00
<b>2B11</b>	2-(Ethylisopropylamino)ethanol	2893-61-0	2922.19.00
<b>2B11</b>	2-(Ethylmethylamino)ethanol	2893-43-8	2922.19.00
<b>2B11</b>	2-(Ethylpropylamino)ethanol	2893-56-3	2922.19.00
<b>2B11</b>	(2-Hydroxyethyl)dipropan-1-ylammonium chloride	4535-76-6	2922.19.00
<b>2B11</b>	2-[isopropyl(methyl)amino]ethanol	2893-49-4	2922.19.00
<b>2B11</b>	2-[isopropyl(propyl)amino]ethanol	4535-77-7	2922.19.00
<b>2B11</b>	2-(Methylpropylamino)ethanol	2893-45-0	2922.19.00
<b>2B12</b>	Diethyl-2-mercaptoethylammonium chloride	1942-52-5	2930.90.98
<b>2B12</b>	2-(N,N-Diethylamino)ethanethiol	100-38-9	2930.60.00
<b>2B12</b>	2-(N,N-diethylamino)ethanethiolate sodium	58607-68-4	2930.90.98
<b>2B12</b>	N,N-Diisopropyl-(beta)-aminoethane thiol	5842-07-9	2930.90.98
<b>2B12</b>	2-(Diisopropylamino)ethanethiol	5842-07-9	2930.90.98
<b>2B12</b>	N,N-Diisopropylaminoethanethiol hydrochloride	41480-75-5	2930.90.98

<b>2B12</b>	N,N-Dimethylaminoethane-2-thiol	108-02-1	2930.90.98
<b>2B12</b>	N,N-Dimethylaminoethane-2-thiol hydrochloride	13242-44-9	2930.90.98
<b>2B12</b>	2-(Dipropylamino)ethanethiol	5842-06-8	2930.90.98
<b>2B12</b>	2-(N-Ethyl-N-isopropylamino)ethanethiol hydrochloride	1017861-37-8	2930.90.98
<b>2B12</b>	2-(N-Ethyl-N-methylamino)ethanethiol hydrochloride	1017861-21-0	2930.90.98
<b>2B12</b>	2-(N-Ethyl-N-propylamino)ethanethiol hydrochloride	1017861-34-5	2930.90.98
<b>2B12</b>	2-[ethyl(methyl)amino]ethanethiol	63210-55-9	2930.90.98
<b>2B12</b>	2-(Ethylisopropylamino)ethanethiol	36759-67-8	2930.90.98
<b>2B12</b>	2-(Ethylpropylamino)ethanethiol	1018124-39-4	2930.90.98
<b>2B12</b>	2-(N-Isopropyl-N-methylamino)ethanethiol hydrochloride	1017861-29-8	2930.90.98
<b>2B12</b>	2-(N-Isopropyl-N-propylamino)ethanethiol hydrochloride	1017861-45-8	2930.90.98
<b>2B12</b>	2-[isopropyl(methyl)amino]ethanethiol	36759-66-7	2930.90.98
<b>2B12</b>	2-[isopropyl(propyl)amino]ethanethiol	36759-68-9	2930.90.98
<b>2B12</b>	2-(N-Methyl-N-propylamino)ethanethiol	1018124-38-3	2930.90.98
<b>2B12</b>	2-(N-Methyl-N-propylamino)ethanethiol hydrochloride	1017861-26-5	2930.90.98
<b>2B13</b>	Thiodiglycol	111-48-8	2930.70.00
<b>2B14</b>	Pinacolyl alcohol	464-07-3	2905.19.00
<b>3A01</b>	Phosgene; COCl <sub>2</sub>	75-44-5	2812.11.00
<b>3A02</b>	Cyanogen chloride; CNCl	506-77-4	2853.10.00
<b>3A03</b>	Hydrogen cyanide; HCN	74-90-8	2811.12.00
<b>3A04</b>	Chloropicrin	76-06-2	2904.91.00
<b>3B05</b>	Phosphorus oxychloride; POCl <sub>3</sub>	10025-87-3	2812.12.00
<b>3B06</b>	Phosphorus trichloride; PCl <sub>3</sub>	7719-12-2	2812.13.00
<b>3B07</b>	Phosphorus pentachloride; PCl <sub>5</sub>	10026-13-8	2812.14.00
<b>3B08</b>	Trimethyl phosphite	121-45-9	2920.23.00
<b>3B09</b>	Triethyl phosphite	122-52-1	2920.24.00
<b>3B10</b>	Dimethyl phosphite	868-85-9	2920.21.00
<b>3B11</b>	Diethyl phosphite	762-04-9	2920.22.00
<b>3B12</b>	Sulphur monochloride; S <sub>2</sub> Cl <sub>2</sub>	10025-67-9	2812.15.00
<b>3B13</b>	Sulphur dichloride; SCl <sub>2</sub>	10545-99-0	2812.16.00
<b>3B14</b>	Thionyl chloride; SOCl <sub>2</sub>	7719-09-7	2812.17.00
<b>3B15</b>	Ethyldiethanolamine	139-87-7	2922.17.00
<b>3B16</b>	Methyldiethanolamine	105-59-9	2922.17.00
<b>3B17</b>	Triethanolamine	102-71-6	2922.15.00

## 2.3 Common Military List

On 17 February 2020, the Official Journal of the European Union published the latest version of the Common Military List of the European Union, updating and replacing the Common Military List of the European Union adopted by the Council <sup>(24)</sup> The list updates and replaces the previous versions and describes equipment, including a large amount of chemicals, governed by the common rules of the control of exports of military technology and equipment included in the Council Common Position 2008/944/CFSP.

Effective trade controls depend to a great extent on the awareness of exporters and their active efforts to comply with trade restrictions. To this end, in September 2019 the Council of the EU published an user's guide <sup>(25)</sup>, that provides a framework to help exporters identify, manage and mitigate risks associated with the export of military items to ensure compliance with the relevant EU and national laws and regulations.

Items included in the military list are classified in 22 categories based on their type and/or application, being the chemicals classified in categories ML7 (toxics) and ML8 (energetic materials), see table 4 below.

**Table 4.** Codification of military items

Category	Subdivision	Numeric code
ML1= Smooth-bore weapons with a calibre of less than 20 mm	a,b,c,d, etc.	1 or 2 digits
ML2=Smooth-bore weapons with a calibre of 20 mm or more		
ML3= Ammunition and fuze setting devices		
ML4= Bombs, torpedoes, rockets, missiles, other explosive devices		
ML5= Fire control, and related alerting and warning equipment		
ML6= Ground vehicles and components		
<b>ML7= Chemical or biological toxic agents, 'riot control agents', radioactive materials, related equipment</b>		
<b>ML8= 'Energetic materials', and related substances</b>		
ML9= Vessels of war		
ML10, ML11, ..., ML22		

<sup>(24)</sup> Common Military List of the European Union ST/5470/2020/INIT;  
[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313\(07\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313(07))

<sup>(25)</sup> User's Guide to Council Common Position 2008/944/CFSP defining common rules governing the control of exports of military technology and equipment. <https://data.consilium.europa.eu/doc/document/ST-12189-2019-INIT/en/pdf>

**Table 5.** Chemicals included in the Common Military List

<b>ML reference</b>	<b>Chemical name</b>	<b>CAS number</b>	<b>CN code</b>
<b>ML7.b.1.a</b>	Butyl ethylphosphonofluoridate	18358-34-4	2931.39.90
<b>ML7.b.1.a</b>	Butyl isopropylphosphonofluoridate	333416-30-1	2931.39.90
<b>ML7.b.1.a</b>	Butyl methylphosphonofluoridate	352-63-6	2931.39.90
<b>ML7.b.1.a</b>	Butyl propylphosphonofluoridate	333416-16-3	2931.39.90
<b>ML7.b.1.a</b>	Cyclobutyl ethylphosphonofluoridate	345239-03-4	2931.39.90
<b>ML7.b.1.a</b>	Cyclobutyl isopropylphosphonofluoridate	345239-04-5	2931.39.90
<b>ML7.b.1.a</b>	Cyclobutyl methylphosphonofluoridate	14618-04-3	2931.39.90
<b>ML7.b.1.a</b>	Cyclobutyl propylphosphonofluoridate	345239-05-6	2931.39.90
<b>ML7.b.1.a</b>	Cycloheptyl ethylphosphonofluoridate	345239-09-0	2931.39.90
<b>ML7.b.1.a</b>	Cycloheptyl isopropylphosphonofluoridate	345239-10-3	2931.39.90
<b>ML7.b.1.a</b>	Cycloheptyl methylphosphonofluoridate	7284-83-5	2931.39.90
<b>ML7.b.1.a</b>	Cycloheptyl propylphosphonofluoridate	345239-11-4	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexyl ethylphosphonofluoridate	7284-84-6	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexyl isopropylphosphonofluoridate	333416-55-0	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexyl methylphosphonofluoridate	329-99-7	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexyl propylphosphonofluoridate	28364-21-8	2931.39.90
<b>ML7.b.1.a</b>	1-Cyclohexylethyl ethylphosphonofluoridate	1353011-94-5	2931.39.90
<b>ML7.b.1.a</b>	2-Cyclohexylethyl ethylphosphonofluoridate	959093-03-9	2931.39.90
<b>ML7.b.1.a</b>	1-Cyclohexylethyl methylphosphonofluoridate	1280106-29-7	2931.39.90
<b>ML7.b.1.a</b>	2-Cyclohexylethyl methylphosphonofluoridate	959040-72-3	2931.39.90
<b>ML7.b.1.a</b>	1-Cyclohexylethyl propylphosphonofluoridate	1280106-32-2	2931.39.90
<b>ML7.b.1.a</b>	2-Cyclohexylethyl propylphosphonofluoridate	959004-37-6	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexylmethyl ethylphosphonofluoridate	959093-05-1	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexylmethyl isopropylphosphonofluoridate	959004-34-3	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexylmethyl methylphosphonofluoridate	959019-47-7	2931.39.90
<b>ML7.b.1.a</b>	Cyclohexylmethyl propylphosphonofluoridate	959025-93-5	2931.39.90
<b>ML7.b.1.a</b>	3-Cyclohexylpropyl ethylphosphonofluoridate	1353011-91-2	2931.39.90
<b>ML7.b.1.a</b>	3-Cyclohexylpropyl methylphosphonofluoridate	211192-73-3	2931.39.90
<b>ML7.b.1.a</b>	3-Cyclohexylpropyl propylphosphonofluoridate	1280106-26-4	2931.39.90
<b>ML7.b.1.a</b>	Cyclooctyl ethylphosphonofluoridate	345239-12-5	2931.39.90
<b>ML7.b.1.a</b>	Cyclooctyl isopropylphosphonofluoridate	345239-13-6	2931.39.90

<b>ML7.b.1.a</b>	Cyclooctyl methylphosphonofluoridate	14719-38-1	2931.39.90
<b>ML7.b.1.a</b>	Cyclooctyl propylphosphonofluoridate	345239-14-7	2931.39.90
<b>ML7.b.1.a</b>	Cyclopentyl ethylphosphonofluoridate	345239-06-7	2931.39.90
<b>ML7.b.1.a</b>	Cyclopentyl isopropylphosphonofluoridate	345239-07-8	2931.39.90
<b>ML7.b.1.a</b>	Cyclopentyl methylphosphonofluoridate	7284-82-4	2931.39.90
<b>ML7.b.1.a</b>	Cyclopentyl propylphosphonofluoridate	345239-08-9	2931.39.90
<b>ML7.b.1.a</b>	Cyclopentylmethyl ethylphosphonofluoridate	1353011-72-9	2931.39.90
<b>ML7.b.1.a</b>	3-Cyclopentylpropyl ethylphosphonofluoridate	1353011-87-6	2931.39.90
<b>ML7.b.1.a</b>	Decyl ethylphosphonofluoridate	333416-08-3	2931.39.90
<b>ML7.b.1.a</b>	Decyl isopropylphosphonofluoridate	333416-36-7	2931.39.90
<b>ML7.b.1.a</b>	Decyl methylphosphonofluoridate	193090-25-4	2931.39.90
<b>ML7.b.1.a</b>	Decyl propylphosphonofluoridate	333416-22-1	2931.39.90
<b>ML7.b.1.a</b>	1,1-Diethyl-2,2-dimethylpropyl methylphosphonofluoridate	159395-78-5	2931.39.90
<b>ML7.b.1.a</b>	1,1-Diethylpropyl methylphosphonofluoridate	959257-62-6	2931.39.90
<b>ML7.b.1.a</b>	(2R)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate	22956-47-4	2931.39.90
<b>ML7.b.1.a</b>	(2R)-3,3-dimethylbutan-2-yl (S)-methylphosphonofluoridate	22956-48-5	2931.39.90
<b>ML7.b.1.a</b>	(2S)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate	24753-15-9	2931.39.90
<b>ML7.b.1.a</b>	(2S)-3,3-dimethylbutan-2-yl methylphosphonofluoridate	24753-16-0	2931.39.90
<b>ML7.b.1.a</b>	1,2-Dimethylbutyl ethylphosphonofluoridate	1005258-27-4	2931.39.90
<b>ML7.b.1.a</b>	1,3-Dimethylbutyl ethylphosphonofluoridate	345260-86-8	2931.39.90
<b>ML7.b.1.a</b>	1,2-Dimethylbutyl isopropylphosphonofluoridate	1005249-16-0	2931.39.90
<b>ML7.b.1.a</b>	1,3-Dimethylbutyl isopropylphosphonofluoridate	345260-87-9	2931.39.90
<b>ML7.b.1.a</b>	1,2-Dimethylbutyl methylphosphonofluoridate	1005239-89-3	2931.39.90
<b>ML7.b.1.a</b>	1,3-Dimethylbutyl methylphosphonofluoridate	352-53-4	2931.39.90
<b>ML7.b.1.a</b>	2,3-Dimethylbutyl methylphosphonofluoridate	83563-66-0	2931.39.90
<b>ML7.b.1.a</b>	3,3-Dimethylbutyl methylphosphonofluoridate	660-21-9	2931.39.90
<b>ML7.b.1.a</b>	1,3-Dimethylbutyl propylphosphonofluoridate	345260-88-0	2931.39.90
<b>ML7.b.1.a</b>	3,3-Dimethylbutyl propylphosphonofluoridate	959004-32-1	2931.39.90
<b>ML7.b.1.a</b>	3,5-Dimethylcyclohexyl ethylphosphonofluoridate	1353011-80-9	2931.39.90
<b>ML7.b.1.a</b>	2,6-Dimethylcyclohexyl methylphosphonofluoridate	1005276-38-9	2931.39.90
<b>ML7.b.1.a</b>	3,5-Dimethylcyclohexyl methylphosphonofluoridate	1005284-61-6	2931.39.90
<b>ML7.b.1.a</b>	2,3-Dimethylcyclohexyl propylphosphonofluoridate	1280106-35-5	2931.39.90
<b>ML7.b.1.a</b>	1,5-Dimethylhexyl methylphosphonofluoridate	159395-76-3	2931.39.90



<b>ML7.b.1.a</b>	3,7-Dimethyloctyl ethylphosphonofluoridate	345260-83-5	2931.39.90
<b>ML7.b.1.a</b>	3,7-Dimethyloctyl isopropylphosphonofluoridate	345260-84-6	2931.39.90
<b>ML7.b.1.a</b>	3,7-Dimethyloctyl methylphosphonofluoridate	345260-82-4	2931.39.90
<b>ML7.b.1.a</b>	3,7-Dimethyloctyl propylphosphonofluoridate	345260-85-7	2931.39.90
<b>ML7.b.1.a</b>	1,1-Dimethylpentyl methylphosphonofluoridate	959014-89-2	2931.39.90
<b>ML7.b.1.a</b>	1,4-Dimethylpentyl methylphosphonofluoridate	199850-62-9	2931.39.90
<b>ML7.b.1.a</b>	2,2-Dimethylpropyl ethylphosphonofluoridate	959234-06-1	2931.39.90
<b>ML7.b.1.a</b>	2,2-Dimethylpropyl isopropylphosphonofluoridate	864463-26-3	2931.39.90
<b>ML7.b.1.a</b>	1,1-Dimethylpropyl methylphosphonofluoridate	159395-77-4	2931.39.90
<b>ML7.b.1.a</b>	1,2-Dimethylpropyl methylphosphonofluoridate	6154-51-4	2931.39.90
<b>ML7.b.1.a</b>	2,2-Dimethylpropyl methylphosphonofluoridate	372-62-3	2931.39.90
<b>ML7.b.1.a</b>	2,2-Dimethylpropyl propylphosphonofluoridate	959092-42-3	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-1-methylpentyl methylphosphonofluoridate	959098-88-5	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-1-methylpropyl methylphosphonofluoridate	959083-58-0	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2,2-dimethylpropyl ethylphosphonofluoridate	345260-76-6	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2,2-dimethylpropyl isopropylphosphonofluoridate	345260-77-7	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2,2-dimethylpropyl methylphosphonofluoridate	345260-75-5	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2,2-dimethylpropyl propylphosphonofluoridate	345260-78-8	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpentyl ethylphosphonofluoridate	1280106-33-3	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpentyl methylphosphonofluoridate	1005240-09-4	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpentyl propylphosphonofluoridate	1280106-34-4	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpropyl ethylphosphonofluoridate	345260-67-5	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpropyl isopropylphosphonofluoridate	345260-68-6	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpropyl methylphosphonofluoridate	345260-66-4	2931.39.90
<b>ML7.b.1.a</b>	1-Ethyl-2-methylpropyl propylphosphonofluoridate	345260-69-7	2931.39.90
<b>ML7.b.1.a</b>	Ethyl ethylphosphonofluoridate	650-20-4	2931.39.90
<b>ML7.b.1.a</b>	Ethyl isopropylphosphonofluoridate	1426-08-0	2931.39.90
<b>ML7.b.1.a</b>	Ethyl methylphosphonofluoridate	673-97-2	2931.39.90
<b>ML7.b.1.a</b>	Ethyl propylphosphonofluoridate	333416-15-2	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylbutyl methylphosphonofluoridate	959218-68-9	2931.39.90
<b>ML7.b.1.a</b>	2-Ethylbutyl methylphosphonofluoridate	126204-48-6	2931.39.90
<b>ML7.b.1.a</b>	4-Ethylcyclohexyl ethylphosphonofluoridate	333416-65-2	2931.39.90
<b>ML7.b.1.a</b>	4-Ethylcyclohexyl isopropylphosphonofluoridate	333416-74-3	2931.39.90

<b>ML7.b.1.a</b>	2-Ethylcyclohexyl methylphosphonofluoridate	1005257-56-6	2931.39.90
<b>ML7.b.1.a</b>	4-Ethylcyclohexyl methylphosphonofluoridate	333416-60-7	2931.39.90
<b>ML7.b.1.a</b>	4-Ethylcyclohexyl propylphosphonofluoridate	333416-70-9	2931.39.90
<b>ML7.b.1.a</b>	2-Ethylhexyl ethylphosphonofluoridate	468711-97-9	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylhexyl isopropylphosphonofluoridate	959088-13-2	2931.39.90
<b>ML7.b.1.a</b>	2-Ethylhexyl isopropylphosphonofluoridate	460091-27-4	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylhexyl methylphosphonofluoridate	1228786-49-9	2931.39.90
<b>ML7.b.1.a</b>	2-Ethylhexyl methylphosphonofluoridate	458-71-9	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylhexyl propylphosphonofluoridate	959088-14-3	2931.39.90
<b>ML7.b.1.a</b>	2-Ethylhexyl propylphosphonofluoridate	952104-36-8	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylpentyl methylphosphonofluoridate	959098-89-6	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylpropyl ethylphosphonofluoridate	959086-48-7	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylpropyl methylphosphonofluoridate	66348-71-8	2931.39.90
<b>ML7.b.1.a</b>	1-Ethylpropyl propylphosphonofluoridate	959088-15-4	2931.39.90
<b>ML7.b.1.a</b>	Heptyl ethylphosphonofluoridate	162085-85-0	2931.39.90
<b>ML7.b.1.a</b>	Heptyl isopropylphosphonofluoridate	333416-33-4	2931.39.90
<b>ML7.b.1.a</b>	Heptyl methylphosphonofluoridate	162085-82-7	2931.39.90
<b>ML7.b.1.a</b>	Heptyl propylphosphonofluoridate	333416-19-6	2931.39.90
<b>ML7.b.1.a</b>	Hexyl ethylphosphonofluoridate	135445-19-1	2931.39.90
<b>ML7.b.1.a</b>	Hexyl isopropylphosphonofluoridate	333416-32-3	2931.39.90
<b>ML7.b.1.a</b>	Hexyl methylphosphonofluoridate	113548-89-3	2931.39.90
<b>ML7.b.1.a</b>	Hexyl propylphosphonofluoridate	333416-18-5	2931.39.90
<b>ML7.b.1.a</b>	1-Isobutyl-3-methylbutyl ethylphosphonofluoridate	959262-99-8	2931.39.90
<b>ML7.b.1.a</b>	1-Isobutyl-3-methylbutyl methylphosphonofluoridate	193090-16-3	2931.39.90
<b>ML7.b.1.a</b>	Isobutyl ethylphosphonofluoridate	2261-83-8	2931.39.90
<b>ML7.b.1.a</b>	Isobutyl isopropylphosphonofluoridate	333416-40-3	2931.39.90
<b>ML7.b.1.a</b>	Isobutyl methylphosphonofluoridate	2053-81-8	2931.39.90
<b>ML7.b.1.a</b>	Isobutyl propylphosphonofluoridate	333416-26-5	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropyl-2-methylpropyl ethylphosphonofluoridate	345260-79-9	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropyl-2-methylpropyl isopropylphosphonofluoridate	345260-80-2	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropyl-2-methylpropyl methylphosphonofluoridate	113548-85-9	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropyl-2-methylpropyl propylphosphonofluoridate	345260-81-3	2931.39.90
<b>ML7.b.1.a</b>	2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate	1353011-93-4	2931.39.90

<b>ML7.b.1.a</b>	2-Isopropyl-5-methylcyclohexyl isopropylphosphonofluoridate	1262583-00-5	2931.39.90
<b>ML7.b.1.a</b>	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	1262582-99-9	2931.39.90
<b>ML7.b.1.a</b>	Isopropyl ethylphosphonofluoridate	1189-87-3	2931.39.90
<b>ML7.b.1.a</b>	Isopropyl isopropylphosphonofluoridate	665-33-8	2931.39.90
<b>ML7.b.1.a</b>	O-Isopropyl methylphosphonofluoridate; Sarin (GB)	107-44-8	2931.39.90
<b>ML7.b.1.a</b>	Isopropyl propylphosphonofluoridate	18358-37-7	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropylbutyl ethylphosphonofluoridate	345260-71-1	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropylbutyl isopropylphosphonofluoridate	345260-72-2	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropylbutyl methylphosphonofluoridate	345260-70-0	2931.39.90
<b>ML7.b.1.a</b>	1-Isopropylbutyl propylphosphonofluoridate	345260-73-3	2931.39.90
<b>ML7.b.1.a</b>	Methyl ethylphosphonofluoridate	665-03-2	2931.39.90
<b>ML7.b.1.a</b>	Methyl isopropylphosphonofluoridate	648-59-9	2931.39.90
<b>ML7.b.1.a</b>	Methyl methylphosphonofluoridate	353-88-8	2931.39.90
<b>ML7.b.1.a</b>	Methyl propylphosphonofluoridate	333416-14-1	2931.39.90
<b>ML7.b.1.a</b>	1-Methylbutyl ethylphosphonofluoridate	333416-09-4	2931.39.90
<b>ML7.b.1.a</b>	2-Methylbutyl ethylphosphonofluoridate	468711-94-6	2931.39.90
<b>ML7.b.1.a</b>	3-Methylbutyl ethylphosphonofluoridate	468711-95-7	2931.39.90
<b>ML7.b.1.a</b>	1-Methylbutyl isopropylphosphonofluoridate	333416-37-8	2931.39.90
<b>ML7.b.1.a</b>	2-Methylbutyl isopropylphosphonofluoridate	952104-39-1	2931.39.90
<b>ML7.b.1.a</b>	3-Methylbutyl isopropylphosphonofluoridate	952104-40-4	2931.39.90
<b>ML7.b.1.a</b>	1-Methylbutyl methylphosphonofluoridate	761-93-3	2931.39.90
<b>ML7.b.1.a</b>	2-Methylbutyl methylphosphonofluoridate	468711-90-2	2931.39.90
<b>ML7.b.1.a</b>	3-Methylbutyl methylphosphonofluoridate	22107-46-6	2931.39.90
<b>ML7.b.1.a</b>	1-Methylbutyl propylphosphonofluoridate	333416-23-2	2931.39.90
<b>ML7.b.1.a</b>	2-Methylbutyl propylphosphonofluoridate	468712-02-9	2931.39.90
<b>ML7.b.1.a</b>	3-Methylbutyl propylphosphonofluoridate	468712-03-0	2931.39.90
<b>ML7.b.1.a</b>	2-Methylcyclohexyl ethylphosphonofluoridate	1353011-76-3	2931.39.90
<b>ML7.b.1.a</b>	3-Methylcyclohexyl ethylphosphonofluoridate	333416-64-1	2931.39.90
<b>ML7.b.1.a</b>	4-Methylcyclohexyl ethylphosphonofluoridate	468711-96-8	2931.39.90
<b>ML7.b.1.a</b>	3-Methylcyclohexyl isopropylphosphonofluoridate	333416-73-2	2931.39.90
<b>ML7.b.1.a</b>	4-Methylcyclohexyl isopropylphosphonofluoridate	468712-08-5	2931.39.90
<b>ML7.b.1.a</b>	2-Methylcyclohexyl methylphosphonofluoridate	85473-32-1	2931.39.90
<b>ML7.b.1.a</b>	3-Methylcyclohexyl methylphosphonofluoridate	113548-86-0	2931.39.90

<b>ML7.b.1.a</b>	4-Methylcyclohexyl methylphosphonofluoridate	113548-87-1	2931.39.90
<b>ML7.b.1.a</b>	3-Methylcyclohexyl propylphosphonofluoridate	333416-69-6	2931.39.90
<b>ML7.b.1.a</b>	3-Methylcyclopentyl ethylphosphonofluoridate	1280106-36-6	2931.39.90
<b>ML7.b.1.a</b>	2-Methylcyclopentyl ethylphosphonofluoridate	1005164-70-4	2931.39.90
<b>ML7.b.1.a</b>	2-Methylcyclopentyl isopropylphosphonofluoridate	1005176-59-9	2931.39.90
<b>ML7.b.1.a</b>	2-Methylcyclopentyl propylphosphonofluoridate	1005176-60-2	2931.39.90
<b>ML7.b.1.a</b>	1-Methylheptyl ethylphosphonofluoridate	468711-98-0	2931.39.90
<b>ML7.b.1.a</b>	1-Methylheptyl isopropylphosphonofluoridate	468712-09-6	2931.39.90
<b>ML7.b.1.a</b>	(1R)-1-Methylheptyl methylphosphonofluoridate	24753-12-6	2931.39.90
<b>ML7.b.1.a</b>	(1S)-1-Methylheptyl methylphosphonofluoridate	22925-96-8	2931.39.90
<b>ML7.b.1.a</b>	1-Methylheptyl methylphosphonofluoridate	22925-97-9	2931.39.90
<b>ML7.b.1.a</b>	1-Methylheptyl propylphosphonofluoridate	468712-06-3	2931.39.90
<b>ML7.b.1.a</b>	1-Methylhexyl ethylphosphonofluoridate	333416-10-7	2931.39.90
<b>ML7.b.1.a</b>	1-Methylhexyl isopropylphosphonofluoridate	333416-38-9	2931.39.90
<b>ML7.b.1.a</b>	1-Methylhexyl methylphosphonofluoridate	674-95-3	2931.39.90
<b>ML7.b.1.a</b>	1-Methylhexyl propylphosphonofluoridate	333416-24-3	2931.39.90
<b>ML7.b.1.a</b>	1-Methylnonyl ethylphosphonofluoridate	1254104-37-4	2931.39.90
<b>ML7.b.1.a</b>	1-Methylnonyl isopropylphosphonofluoridate	1280106-25-3	2931.39.90
<b>ML7.b.1.a</b>	1-Methylnonyl methylphosphonofluoridate	211192-71-1	2931.39.90
<b>ML7.b.1.a</b>	1-Methyloctyl ethylphosphonofluoridate	333416-11-8	2931.39.90
<b>ML7.b.1.a</b>	1-Methyloctyl isopropylphosphonofluoridate	333416-39-0	2931.39.90
<b>ML7.b.1.a</b>	2-Methyloctyl methylphosphonofluoridate	1228786-50-2	2931.39.90
<b>ML7.b.1.a</b>	1-Methyloctyl methylphosphonofluoridate	211192-72-2	2931.39.90
<b>ML7.b.1.a</b>	1-Methyloctyl propylphosphonofluoridate	333416-25-4	2931.39.90
<b>ML7.b.1.a</b>	2-Methylpentyl ethylphosphonofluoridate	333416-12-9	2931.39.90
<b>ML7.b.1.a</b>	3-Methylpentyl ethylphosphonofluoridate	959263-01-5	2931.39.90
<b>ML7.b.1.a</b>	4-Methylpentyl ethylphosphonofluoridate	959276-46-1	2931.39.90
<b>ML7.b.1.a</b>	2-Methylpentyl isopropylphosphonofluoridate	333416-41-4	2931.39.90
<b>ML7.b.1.a</b>	1-Methylpentyl methylphosphonofluoridate	13172-12-8	2931.39.90
<b>ML7.b.1.a</b>	2-Methylpentyl methylphosphonofluoridate	333416-05-0	2931.39.90
<b>ML7.b.1.a</b>	3-Methylpentyl methylphosphonofluoridate	199850-60-7	2931.39.90
<b>ML7.b.1.a</b>	4-Methylpentyl methylphosphonofluoridate	959010-20-9	2931.39.90
<b>ML7.b.1.a</b>	2-Methylpentyl propylphosphonofluoridate	333416-27-6	2931.39.90

<b>ML7.b.1.a</b>	Nonyl ethylphosphonofluoridate	171741-07-4	2931.39.90
<b>ML7.b.1.a</b>	Nonyl isopropylphosphonofluoridate	333416-35-6	2931.39.90
<b>ML7.b.1.a</b>	Nonyl methylphosphonofluoridate	211192-74-4	2931.39.90
<b>ML7.b.1.a</b>	Nonyl propylphosphonofluoridate	333416-21-0	2931.39.90
<b>ML7.b.1.a</b>	Octyl ethylphosphonofluoridate	333416-07-2	2931.39.90
<b>ML7.b.1.a</b>	Octyl isopropylphosphonofluoridate	333416-34-5	2931.39.90
<b>ML7.b.1.a</b>	Octyl methylphosphonofluoridate	144313-52-0	2931.39.90
<b>ML7.b.1.a</b>	Octyl propylphosphonofluoridate	333416-20-9	2931.39.90
<b>ML7.b.1.a</b>	Pentyl ethylphosphonofluoridate	162085-84-9	2931.39.90
<b>ML7.b.1.a</b>	Pentyl isopropylphosphonofluoridate	333416-31-2	2931.39.90
<b>ML7.b.1.a</b>	Pentyl methylphosphonofluoridate	13454-59-6	2931.39.90
<b>ML7.b.1.a</b>	Pentyl propylphosphonofluoridate	333416-17-4	2931.39.90
<b>ML7.b.1.a</b>	O-Pinacolyl methylphosphonofluoridate; Soman (GD)	96-64-0	2931.39.90
<b>ML7.b.1.a</b>	Propyl ethylphosphonofluoridate	2992-95-2	2931.39.90
<b>ML7.b.1.a</b>	Propyl isopropylphosphonofluoridate	333416-29-8	2931.39.90
<b>ML7.b.1.a</b>	Propyl methylphosphonofluoridate	763-14-4	2931.39.90
<b>ML7.b.1.a</b>	Propyl propylphosphonofluoridate	18358-36-6	2931.39.90
<b>ML7.b.1.a</b>	1-Propylheptyl ethylphosphonofluoridate	959217-15-3	2931.39.90
<b>ML7.b.1.a</b>	1-Propylheptyl methylphosphonofluoridate	959098-86-3	2931.39.90
<b>ML7.b.1.a</b>	2-Propylpentyl methylphosphonofluoridate	959089-00-0	2931.39.90
<b>ML7.b.1.a</b>	sec-Butyl ethylphosphonofluoridate	162085-83-8	2931.39.90
<b>ML7.b.1.a</b>	sec-Butyl isopropylphosphonofluoridate	468712-07-4	2931.39.90
<b>ML7.b.1.a</b>	sec-Butyl methylphosphonofluoridate	352-52-3	2931.39.90
<b>ML7.b.1.a</b>	sec-Butyl propylphosphonofluoridate	468712-01-8	2931.39.90
<b>ML7.b.1.a</b>	2-tert-Butylcyclohexyl ethylphosphonofluoridate	1005254-23-8	2931.39.90
<b>ML7.b.1.a</b>	2-tert-Butylcyclohexyl isopropylphosphonofluoridate	1005145-75-4	2931.39.90
<b>ML7.b.1.a</b>	2-tert-Butylcyclohexyl methylphosphonofluoridate	1005247-52-8	2931.39.90
<b>ML7.b.1.a</b>	2-tert-Butylcyclohexyl propylphosphonofluoridate	1005176-90-8	2931.39.90
<b>ML7.b.1.a</b>	4-tert-Butylcyclohexyl ethylphosphonofluoridate	959217-22-2	2931.39.90
<b>ML7.b.1.a</b>	4-tert-Butylcyclohexyl methylphosphonofluoridate	959245-06-8	2931.39.90
<b>ML7.b.1.a</b>	4-tert-Butylcyclohexyl propylphosphonofluoridate	959004-03-6	2931.39.90
<b>ML7.b.1.a</b>	tert-Butyl methylphosphonofluoridate	13273-12-6	2931.39.90
<b>ML7.b.1.a</b>	3,3,5,5-Tetramethylcyclohexyl ethylphosphonofluoridate	333416-68-5	2931.39.90

<b>ML7.b.1.a</b>	3,3,5,5-Tetramethylcyclohexyl isopropylphosphonofluoridate	333416-76-5	2931.39.90
<b>ML7.b.1.a</b>	3,3,5,5-Tetramethylcyclohexyl methylphosphonofluoridate	333416-63-0	2931.39.90
<b>ML7.b.1.a</b>	3,3,5,5-Tetramethylcyclohexyl propylphosphonofluoridate	333416-72-1	2931.39.90
<b>ML7.b.1.a</b>	1,3,3-Trimethylbutyl methylphosphonofluoridate	30593-65-8	2931.39.90
<b>ML7.b.1.a</b>	3,5,5-Trimethylhexyl ethylphosphonofluoridate	959027-88-4	2931.39.90
<b>ML7.b.1.a</b>	3,5,5-Trimethylhexyl methylphosphonofluoridate	959304-14-4	2931.39.90
<b>ML7.b.1.a</b>	2,4,4-Trimethylpentyl ethylphosphonofluoridate	333416-13-0	2931.39.90
<b>ML7.b.1.a</b>	2,4,4-Trimethylpentyl isopropylphosphonofluoridate	333416-43-6	2931.39.90
<b>ML7.b.1.a</b>	2,4,4-Trimethylpentyl methylphosphonofluoridate	333416-06-1	2931.39.90
<b>ML7.b.1.a</b>	2,4,4-Trimethylpentyl propylphosphonofluoridate	333416-28-7	2931.39.90
<b>ML7.b.1.a</b>	1,2,2-Trimethylpropyl ethylphosphonofluoridate	97931-20-9	2931.39.90
<b>ML7.b.1.a</b>	1,2,2-Trimethylpropyl isopropylphosphonofluoridate	952104-41-5	2931.39.90
<b>ML7.b.1.a</b>	(1R)-1,2,2-Trimethylpropyl methylphosphonofluoridate	89254-46-6	2931.39.90
<b>ML7.b.1.a</b>	(1S)-1,2,2-Trimethylpropyl methylphosphonofluoridate	89254-45-5	2931.39.90
<b>ML7.b.1.a</b>	1,2,2-Trimethylpropyl propylphosphonofluoridate	952104-35-7	2931.39.90
<b>ML7.b.1.b</b>	Butyl diethylphosphoramidocyanidate	870124-31-5	2931.39.90
<b>ML7.b.1.b</b>	Butyl dimethylphosphoramidocyanidate	162085-87-2	2931.39.90
<b>ML7.b.1.b</b>	Butyl dipropylphosphoramidocyanidate	870124-35-9	2931.39.90
<b>ML7.b.1.b</b>	Butyl ethylmethylphosphoramidocyanidate	870124-03-1	2931.39.90
<b>ML7.b.1.b</b>	Butyl isopropylmethylphosphoramidocyanidate	870124-14-4	2931.39.90
<b>ML7.b.1.b</b>	Butyl isopropylpropylphosphoramidocyanidate	870124-28-0	2931.39.90
<b>ML7.b.1.b</b>	Butyl N-ethyl-N-isopropylphosphoramidocyanidate	1256571-96-6	2931.39.90
<b>ML7.b.1.b</b>	Butyl N-ethyl-N-propylphosphoramidocyanidate	1256571-97-7	2931.39.90
<b>ML7.b.1.b</b>	Butyl N-methyl-N-propylphosphoramidocyanidate	1253782-74-9	2931.39.90
<b>ML7.b.1.b</b>	Butyl N,N-diisopropylphosphoramidocyanidate	1253782-71-6	2931.39.90
<b>ML7.b.1.b</b>	Cycloheptyl diisopropylphosphoramidocyanidate	959299-72-0	2931.39.90
<b>ML7.b.1.b</b>	Cycloheptyl dipropylphosphoramidocyanidate	959220-92-9	2931.39.90
<b>ML7.b.1.b</b>	Cycloheptyl N,N-diethylphosphoramidocyanidate	1256634-78-2	2931.39.90
<b>ML7.b.1.b</b>	Cycloheptyl N,N-dimethylphosphoramidocyanidate	1256634-79-3	2931.39.90
<b>ML7.b.1.b</b>	Cyclohexyl N-isopropyl-N-propylphosphoramidocyanidate	1253782-35-2	2931.39.90
<b>ML7.b.1.b</b>	Cyclohexyl N,N-diethylphosphoramidocyanidate	1256572-11-8	2931.39.90
<b>ML7.b.1.b</b>	Cyclohexyl N,N-dimethylphosphoramidocyanidate	1256572-12-9	2931.39.90
<b>ML7.b.1.b</b>	Cyclohexyl N,N-dipropylphosphoramidocyanidate	1256572-13-0	2931.39.90

<b>ML7.b.1.b</b>	2-Cyclohexylethyl diisopropylphosphoramidocyanidate	959231-14-2	2931.39.90
<b>ML7.b.1.b</b>	2-Cyclohexylethyl dipropylphosphoramidocyanidate	959304-98-4	2931.39.90
<b>ML7.b.1.b</b>	1-Cyclohexylethyl N,N-diisopropylphosphoramidocyanidate	1256572-20-9	2931.39.90
<b>ML7.b.1.b</b>	Cyclohexylmethyl dipropylphosphoramidocyanidate	959285-51-9	2931.39.90
<b>ML7.b.1.b</b>	Cyclooctyl diisopropylphosphoramidocyanidate	959299-70-8	2931.39.90
<b>ML7.b.1.b</b>	Cyclooctyl dipropylphosphoramidocyanidate	959220-91-8	2931.39.90
<b>ML7.b.1.b</b>	Cyclooctyl N,N-dimethylphosphoramidocyanidate	1256634-94-2	2931.39.90
<b>ML7.b.1.b</b>	Cyclopentyl dipropylphosphoramidocyanidate	959305-00-1	2931.39.90
<b>ML7.b.1.b</b>	Decyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-19-6	2931.39.90
<b>ML7.b.1.b</b>	Decyl N,N-diisopropylphosphoramidocyanidate	1256572-18-5	2931.39.90
<b>ML7.b.1.b</b>	1,3-Dimethylbutyl N,N-diisopropylphosphoramidocyanidate	1256572-10-7	2931.39.90
<b>ML7.b.1.b</b>	2,6-Dimethylcyclohexyl N-isopropyl-N-propylphosphoramidocyanidate	1256634-82-8	2931.39.90
<b>ML7.b.1.b</b>	2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate	1256634-80-6	2931.39.90
<b>ML7.b.1.b</b>	2,6-Dimethylcyclohexyl N,N-diisopropylphosphoramidocyanidate	1256634-81-7	2931.39.90
<b>ML7.b.1.b</b>	2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate	1256634-83-9	2931.39.90
<b>ML7.b.1.b</b>	2,6-Dimethylcyclohexyl N,Ndipropylphosphoramidocyanidate	1252610-38-0	2931.39.90
<b>ML7.b.1.b</b>	2,2-Dimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate	1253782-84-1	2931.39.90
<b>ML7.b.1.b</b>	1,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-86-2	2931.39.90
<b>ML7.b.1.b</b>	2,2-Dimethylpropyl N,Ndiisopropylphosphoramidocyanidate	1253782-83-0	2931.39.90
<b>ML7.b.1.b</b>	Ethyl diethylphosphoramidocyanidate	63815-60-1	2931.39.90
<b>ML7.b.1.b</b>	Ethyl diisopropylphosphoramidocyanidate	870124-37-1	2931.39.90
<b>ML7.b.1.b</b>	Ethyl dipropylphosphoramidocyanidate	870124-33-7	2931.39.90
<b>ML7.b.1.b</b>	Ethyl ethylisopropylphosphoramidocyanidate	870124-22-4	2931.39.90
<b>ML7.b.1.b</b>	Ethyl ethylmethylphosphoramidocyanidate	870124-00-8	2931.39.90
<b>ML7.b.1.b</b>	Ethyl ethylpropylphosphoramidocyanidate	870124-17-7	2931.39.90
<b>ML7.b.1.b</b>	Ethyl isopropylmethylphosphoramidocyanidate	870124-11-1	2931.39.90
<b>ML7.b.1.b</b>	Ethyl isopropylpropylphosphoramidocyanidate	870124-26-8	2931.39.90
<b>ML7.b.1.b</b>	Ethyl methylpropylphosphoramidocyanidate	870124-07-5	2931.39.90
<b>ML7.b.1.b</b>	Ethyl N-isopropyl-N-propylphosphoramidocyanidate	870124-26-8	2931.39.90
<b>ML7.b.1.b</b>	Ethyl N,N-Dimethylphosphoramidocyanidate; Tabun (GA)	77-81-6	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylbutyl N,N-diisopropylphosphoramidocyanidate	1256634-91-9	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylhexyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-23-2	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylhexyl N,N-diethylphosphoramidocyanidate	1256572-21-0	2931.39.90

<b>ML7.b.1.b</b>	1-Ethylhexyl N,N-diisopropylphosphoramidocyanidate	1256572-22-1	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylhexyl N,N-dimethylphosphoramidocyanidate	1253782-49-8	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylhexyl N,N-dipropylphosphoramidocyanidate	1256572-24-3	2931.39.90
<b>ML7.b.1.b</b>	2-Ethylhexyl N,N-dimethylphosphoramidocyanidate	1311200-06-2	2931.39.90
<b>ML7.b.1.b</b>	1-Ethylpentyl N,N-diisopropylphosphoramidocyanidate	1256634-84-0	2931.39.90
<b>ML7.b.1.b</b>	Heptyl diisopropylphosphoramidocyanidate	959231-41-5	2931.39.90
<b>ML7.b.1.b</b>	Heptyl dimethylphosphoramidocyanidate	162085-91-8	2931.39.90
<b>ML7.b.1.b</b>	Heptyl dipropylphosphoramidocyanidate	959304-97-3	2931.39.90
<b>ML7.b.1.b</b>	Heptyl N,N-diethylphosphoramidocyanidate	870124-32-6	2931.39.90
<b>ML7.b.1.b</b>	Hexyl diisopropylphosphoramidocyanidate	870124-39-3	2931.39.90
<b>ML7.b.1.b</b>	Hexyl dimethylphosphoramidocyanidate	162085-90-7	2931.39.90
<b>ML7.b.1.b</b>	Hexyl methylpropylphosphoramidocyanidate	870124-10-0	2931.39.90
<b>ML7.b.1.b</b>	Hexyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-25-7	2931.39.90
<b>ML7.b.1.b</b>	Hexyl N-ethyl-N-methylphosphoramidocyanidate	870124-06-4	2931.39.90
<b>ML7.b.1.b</b>	Hexyl N-ethyl-N-propylphosphoramidocyanidate	870124-21-3	2931.39.90
<b>ML7.b.1.b</b>	Hexyl N,N-dipropylphosphoramidocyanidate	870124-36-0	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl diisopropylphosphoramidocyanidate	870124-38-2	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl dimethylphosphoramidocyanidate	162085-88-3	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl ethylisopropylphosphoramidocyanidate	870124-23-5	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl ethylmethylphosphoramidocyanidate	870124-04-2	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl ethylpropylphosphoramidocyanidate	870124-19-9	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl N-isopropyl-N-methylphosphoramidocyanidate	1281955-87-0	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl N-isopropyl-N-propylphosphoramidocyanidate	1281955-88-1	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl N-methyl-N-propylphosphoramidocyanidate	1253782-86-3	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl N,N-diethylphosphoramidocyanidate	1253782-85-2	2931.39.90
<b>ML7.b.1.b</b>	Isobutyl N,N-dipropylphosphoramidocyanidate	1281955-89-2	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpentyl N-isopropyl-N-propylphosphoramidocyanidate	1311200-15-3	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpropyl N,N-diethylphosphoramidocyanidate	1256634-87-3	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-88-4	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpropyl N,N-dimethylphosphoramidocyanidate	1256634-89-5	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpropyl N,N-dipropylphosphoramidocyanidate	1256634-90-8	2931.39.90
<b>ML7.b.1.b</b>	1-Isopropyl-2-methylpropyl N-isopropyl-N-propylphosphoramidocyanidate	1252610-36-8	2931.39.90



<b>ML7.b.1.b</b>	Isopropyl diethylphosphoramidocyanidate	870124-30-4	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl dimethylphosphoramidocyanidate	63815-55-4	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl ethylmethylphosphoramidocyanidate	870124-02-0	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl ethylpropylphosphoramidocyanidate	870124-18-8	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl isopropylmethylphosphoramidocyanidate	870124-12-2	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl methylpropylphosphoramidocyanidate	870124-08-6	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl N-ethyl-N-isopropylphosphoramidocyanidate	1253782-69-2	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl N-isopropyl-N-propylphosphoramidocyanidate	1256634-92-0	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl N,N-diisopropylphosphoramidocyanidate	1252610-37-9	2931.39.90
<b>ML7.b.1.b</b>	Isopropyl N,N-dipropylphosphoramidocyanidate	1256634-93-1	2931.39.90
<b>ML7.b.1.b</b>	Methyl diethylphosphoramidocyanidate	870124-43-9	2931.39.90
<b>ML7.b.1.b</b>	Methyl diisopropylphosphoramidocyanidate	870124-47-3	2931.39.90
<b>ML7.b.1.b</b>	Methyl dimethylphosphoramidocyanidate	63815-56-5	2931.39.90
<b>ML7.b.1.b</b>	Methyl dipropylphosphoramidocyanidate	870124-46-2	2931.39.90
<b>ML7.b.1.b</b>	Methyl ethylmethylphosphoramidocyanidate	870124-40-6	2931.39.90
<b>ML7.b.1.b</b>	Methyl ethylpropylphosphoramidocyanidate	870124-45-1	2931.39.90
<b>ML7.b.1.b</b>	Methyl isopropylmethylphosphoramidocyanidate	870124-42-8	2931.39.90
<b>ML7.b.1.b</b>	Methyl isopropylpropylphosphoramidocyanidate	870124-48-4	2931.39.90
<b>ML7.b.1.b</b>	Methyl methylpropylphosphoramidocyanidate	870124-41-7	2931.39.90
<b>ML7.b.1.b</b>	Methyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-44-0	2931.39.90
<b>ML7.b.1.b</b>	1-Methylbutyl N,N-diisopropylphosphoramidocyanidate	1311200-13-1	2931.39.90
<b>ML7.b.1.b</b>	2-Methylcyclohexyl N,N-diisopropylphosphoramidocyanidate	1256634-85-1	2931.39.90
<b>ML7.b.1.b</b>	1-Methylheptyl N,N-diisopropylphosphoramidocyanidate	1254103-95-1	2931.39.90
<b>ML7.b.1.b</b>	1-Methylhexyl N-methyl-N-propylphosphoramidocyanidate	1311200-11-9	2931.39.90
<b>ML7.b.1.b</b>	1-Methylhexyl N,N-dimethylphosphoramidocyanidate	1311200-08-4	2931.39.90
<b>ML7.b.1.b</b>	1-Methylnonyl N-methyl-N-propylphosphoramidocyanidate	1311200-10-8	2931.39.90
<b>ML7.b.1.b</b>	2-Methylpentyl N-ethyl-N-methylphosphoramidocyanidate	1311200-09-5	2931.39.90
<b>ML7.b.1.b</b>	1-Methylpentyl N,N-diethylphosphoramidocyanidate	1252610-35-7	2931.39.90
<b>ML7.b.1.b</b>	1-Methylpentyl N,N-dimethylphosphoramidocyanidate	1311200-07-3	2931.39.90
<b>ML7.b.1.b</b>	Nonyl N-isopropyl-N-methylphosphoramidocyanidate	1311200-12-0	2931.39.90
<b>ML7.b.1.b</b>	Octyl N-isopropyl-N-propylphosphoramidocyanidate	1256572-16-3	2931.39.90
<b>ML7.b.1.b</b>	Octyl N,N-diethylphosphoramidocyanidate	1256572-14-1	2931.39.90
<b>ML7.b.1.b</b>	Octyl N,N-diisopropylphosphoramidocyanidate	1256572-15-2	2931.39.90

<b>ML7.b.1.b</b>	Octyl N,N-dimethylphosphoramidocyanidate	1253782-45-4	2931.39.90
<b>ML7.b.1.b</b>	Octyl N,N-dipropylphosphoramidocyanidate	1256572-17-4	2931.39.90
<b>ML7.b.1.b</b>	Pentyl diisopropylphosphoramidocyanidate	959231-39-1	2931.39.90
<b>ML7.b.1.b</b>	Pentyl dimethylphosphoramidocyanidate	148461-87-4	2931.39.90
<b>ML7.b.1.b</b>	Pentyl dipropylphosphoramidocyanidate	959014-75-6	2931.39.90
<b>ML7.b.1.b</b>	Pentyl N-ethyl-N-isopropylphosphoramidocyanidate	870124-24-6	2931.39.90
<b>ML7.b.1.b</b>	Pentyl N-ethyl-N-methylphosphoramidocyanidate	870124-05-3	2931.39.90
<b>ML7.b.1.b</b>	Pentyl N-ethyl-N-propylphosphoramidocyanidate	870124-20-2	2931.39.90
<b>ML7.b.1.b</b>	Pentyl N-isopropyl-N-methylphosphoramidocyanidate	870124-15-5	2931.39.90
<b>ML7.b.1.b</b>	Pinacoyl N,N-dipropylphosphoramidocyanidate	1311200-14-2	2931.39.90
<b>ML7.b.1.b</b>	Propyl diisopropylphosphoramidocyanidate	959231-16-4	2931.39.90
<b>ML7.b.1.b</b>	Propyl dimethylphosphoramidocyanidate	162085-86-1	2931.39.90
<b>ML7.b.1.b</b>	Propyl dipropylphosphoramidocyanidate	870124-34-8	2931.39.90
<b>ML7.b.1.b</b>	Propyl ethylmethylphosphoramidocyanidate	870124-01-9	2931.39.90
<b>ML7.b.1.b</b>	Propyl isopropylmethylphosphoramidocyanidate	870124-13-3	2931.39.90
<b>ML7.b.1.b</b>	Propyl isopropylpropylphosphoramidocyanidate	870124-27-9	2931.39.90
<b>ML7.b.1.b</b>	Propyl N-ethyl-N-isopropylphosphoramidocyanidate	1256571-93-3	2931.39.90
<b>ML7.b.1.b</b>	Propyl N-ethyl-N-propylphosphoramidocyanidate	1256571-94-4	2931.39.90
<b>ML7.b.1.b</b>	Propyl N-isopropyl-N-propylphosphoramidocyanidate	870124-27-9	2931.39.90
<b>ML7.b.1.b</b>	Propyl N-methyl-N-propylphosphoramidocyanidate	1256571-95-5	2931.39.90
<b>ML7.b.1.b</b>	Propyl N,N-diethylphosphoramidocyanidate	1256571-92-2	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl dimethylphosphoramidocyanidate	162085-89-4	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl methylpropylphosphoramidocyanidate	870124-09-7	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N,N-diethylphosphoramidocyanidate	1281955-92-7	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N,N-diisopropylphosphoramidocyanidate	1281955-95-0	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N,N-dipropylphosphoramidocyanidate	1281955-98-3	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N-ethyl-N-isopropylphosphoramidocyanidate	1281955-93-8	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N-ethyl-N-methylphosphoramidocyanidate	1281955-94-9	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N-isopropyl-N-methylphosphoramidocyanidate	1281955-96-1	2931.39.90
<b>ML7.b.1.b</b>	sec-Butyl N-isopropyl-N-propylphosphoramidocyanidate	1281955-97-2	2931.39.90
<b>ML7.b.1.b</b>	1,1,2-Trimethylpropyl N-propyl-N-isopropylphosphoramidocyanidate	1256634-76-0	2931.39.90
<b>ML7.b.1.b</b>	1,1,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate	1256572-25-4	2931.39.90
<b>ML7.b.1.b</b>	1,1,2-Trimethylpropyl N,N-diisopropylphosphoramidocyanidate	1256634-75-9	2931.39.90

<b>ML7.b.1.b</b>	1,1,2-Trimethylpropyl N,N-dimethylphosphoramidocyanidate	1256634-77-1	2931.39.90
<b>ML7.b.1.b</b>	1,1,2-Trimethylpropyl N,N-dipropylphosphoramidocyanidate	1253782-51-2	2931.39.90
<b>ML7.b.1.c</b>	Butyl S-2-diethylaminoethyl ethylphosphonothioate	468712-20-1	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-46-1	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diethylaminoethyl methylphosphonothioate	468712-10-9	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diethylaminoethyl propylphosphonothioate	468712-35-8	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diisopropylaminoethyl ethylphosphonothiolate	1253757-48-0	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate	958995-46-5	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diisopropylaminoethyl methylphosphonothioate	52364-46-2	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-diisopropylaminoethyl propylphosphonothioate	959111-24-1	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-dimethylaminoethyl methylphosphonothioate	56217-63-1	2930.90.98
<b>ML7.b.1.c</b>	Butyl S-2-dipropylaminoethyl methylphosphonothiolate	1253759-45-3	2930.90.98
<b>ML7.b.1.c</b>	(R)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothiolate	1220982-69-3	2930.90.98
<b>ML7.b.1.c</b>	(S)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothiolate	1186330-22-2	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexyl S-2-diethylaminoethyl ethylphosphonothioate	959020-04-3	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexyl S-2-diethylaminoethyl methylphosphonothioate	71293-89-5	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate	69795-06-8	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexylmethyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959233-60-4	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexylmethyl S-2-diisopropylaminoethyl propylphosphonothioate	959268-47-4	2930.90.98
<b>ML7.b.1.c</b>	Cyclohexylmethyl S-2-dimethylaminoethyl propylphosphonothioate	959104-17-7	2930.90.98
<b>ML7.b.1.c</b>	Cyclooctyl S-2-dimethylaminoethyl propylphosphonothioate	959010-50-5	2930.90.98
<b>ML7.b.1.c</b>	(R)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	102490-57-3	2930.90.98
<b>ML7.b.1.c</b>	(S)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	102490-59-5	2930.90.98
<b>ML7.b.1.c</b>	Cyclopentyl S-2-diethylaminoethyl ethylphosphonothioate	468712-24-5	2930.90.98
<b>ML7.b.1.c</b>	Cyclopentyl S-2-diethylaminoethyl methylphosphonothioate	93240-66-5	2930.90.98
<b>ML7.b.1.c</b>	Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate	85473-33-2	2930.90.98
<b>ML7.b.1.c</b>	Cyclopentyl S-2-dimethylaminoethyl methylphosphonothioate	22925-98-0	2930.90.98
<b>ML7.b.1.c</b>	Decyl S-2-diethylaminoethyl ethylphosphonothioate	468712-33-6	2930.90.98
<b>ML7.b.1.c</b>	Decyl S-2-diethylaminoethyl methylphosphonothioate	959288-69-8	2930.90.98
<b>ML7.b.1.c</b>	Decyl S-2-dimethylaminoethyl methylphosphonothiolate	1253735-72-6	2930.90.98
<b>ML7.b.1.c</b>	N,N-Diethyl-2-[[{(cyclohexyloxy)methylphosphoryl]thio}-N-methylethanaminium iodide	132412-52-3	2930.90.98
<b>ML7.b.1.c</b>	S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate 4-methylbenzenesulfonate	107059-49-4	2930.90.98

<b>ML7.b.1.c</b>	S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate oxalate	108776-13-2	2930.90.98
<b>ML7.b.1.c</b>	S-2 Diethylaminoethyl ethylphosphonothioate	161935-18-8	2930.90.98
<b>ML7.b.1.c</b>	S-2-Diethylaminoethyl methylphosphonothioate	21068-51-9	2930.90.98
<b>ML7.b.1.c</b>	S-2 Diisopropylaminoethyl ethylphosphonothioate	161935-16-6	2930.90.98
<b>ML7.b.1.c</b>	S-2-Diisopropylaminoethyl methylphosphonothioate	73207-98-4	2930.90.98
<b>ML7.b.1.c</b>	S-[2-(Dimethylamino)ethyl] O-ethyl methylphosphonothioate	20820-80-8	2930.90.98
<b>ML7.b.1.c</b>	S-[2-(dimethylamino)ethyl] O-ethyl methylphosphonothioate oxalate	2641-09-0	2930.90.98
<b>ML7.b.1.c</b>	S-[2-(dimethylamino)ethyl] O-isopropyl methylphosphonothioate oxalate	2478-93-5	2930.90.98
<b>ML7.b.1.c</b>	S-(2-{{2-(dimethylamino)ethyl}sulfanyl}ethyl) hydrogen methylphosphonothioate	170082-85-6	2930.90.98
<b>ML7.b.1.c</b>	S-2-Dimethylaminoethyl ethylphosphonothiolate	1253735-44-2	2930.90.98
<b>ML7.b.1.c</b>	S-2-Dimethylaminoethyl methylphosphonothioate	34256-71-8	2930.90.98
<b>ML7.b.1.c</b>	S-2-Dimethylaminoethyl propylphosphonothiolate	1253735-61-3	2930.90.98
<b>ML7.b.1.c</b>	2-{{[(3,3-dimethylbutan-2-yl)oxy](methyl)phosphoryl}sulfanyl}-N,N,N-trimethylethanaminium	38770-03-5	2930.90.98
<b>ML7.b.1.c</b>	1,2-Dimethylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253739-43-3	2930.90.98
<b>ML7.b.1.c</b>	3,3-Dimethylbutyl S-2-dimethylaminoethyl methylphosphonothioate	34388-36-8	2930.90.98
<b>ML7.b.1.c</b>	2,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate	1253766-83-4	2930.90.98
<b>ML7.b.1.c</b>	2,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate	1253767-73-5	2930.90.98
<b>ML7.b.1.c</b>	2,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253768-73-8	2930.90.98
<b>ML7.b.1.c</b>	2,2-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothioate	56217-66-4	2930.90.98
<b>ML7.b.1.c</b>	S-2-Dipropylaminoethyl methylphosphonothioate	30102-97-7	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Ethoxy(ethyl)phosphoryl]thio}-N,N,N-triethylethanaminium iodide	24578-82-3	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Ethoxy(ethyl)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	220718-05-8	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Ethoxy(methyl)phosphoryl]thio}-N,N,N-trimethylethanaminium	56217-67-5	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Ethoxy(methyl)phosphoryl]thio}-N,N-diethyl-N-methylethanaminium iodide	220718-02-5	2930.90.98
<b>ML7.b.1.c</b>	N-(2-{{[Ethoxy(methyl)phosphoryl]thio}ethyl)-N-isopropyl-N-methylpropan-2-aminium iodide	220718-03-6	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Ethoxymethylphosphoryl]thio}-N,N,N-trimethylethanaminium iodide	2478-92-4	2930.90.98
<b>ML7.b.1.c</b>	O-Ethyl-diisopropylaminoethyl methyl phosphonothiolate; VX	50782-69-9	2930.90.98
<b>ML7.b.1.c</b>	(R)-Ethyl S-2-diethylaminoethyl ethylphosphonothiolate	1187548-77-1	2930.90.98
<b>ML7.b.1.c</b>	(R)-Ethyl S-2-diethylaminoethyl methylphosphonothiolate	1187548-81-7	2930.90.98
<b>ML7.b.1.c</b>	(R)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate	65167-63-7	2930.90.98

<b>ML7.b.1.c</b>	(S)-Ethyl S-2-diethylaminoethyl ethylphosphonothioate	1187548-79-3	2930.90.98
<b>ML7.b.1.c</b>	(S)-Ethyl S-2-diethylaminoethyl methylphosphonothioate	1187548-82-8	2930.90.98
<b>ML7.b.1.c</b>	(S)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate	65167-64-8	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diethylaminoethyl ethylphosphonothioate	21738-25-0	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diethylaminoethyl ethylphosphonothioate oxalate	108302-04-1	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diethylaminoethyl isopropylphosphonothioate	99991-06-7	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diethylaminoethyl methylphosphonothioate	21770-86-5	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diethylaminoethyl propylphosphonothioate	99991-07-8	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diisopropylaminoethyl ethylphosphonothioate	73835-17-3	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diisopropylaminoethyl propylphosphonothioate	218964-60-4	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diisopropylammoniummethyl methylphosphonothioate chloride	1253746-35-8	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-diisopropylmethylammoniummethyl ethylphosphonothioate iodide	1253742-77-6	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-dimethylaminoethyl ethylphosphonothioate	98543-25-0	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-dimethylaminoethyl isopropylphosphonothioate	1253744-32-9	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-dimethylaminoethyl propylphosphonothioate	218964-59-1	2930.90.98
<b>ML7.b.1.c</b>	Ethyl S-2-dipropylaminoethyl methylphosphonothioate	62512-68-9	2930.90.98
<b>ML7.b.1.c</b>	2-[[Ethyl(isopropoxy)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide	220718-06-9	2930.90.98
<b>ML7.b.1.c</b>	1-Ethylpropyl S-2-diisopropylaminoethyl propylphosphonothioate	958997-65-4	2930.90.98
<b>ML7.b.1.c</b>	1-Ethylpropyl S-2-dimethylaminoethyl ethylphosphonothioate	1253739-92-2	2930.90.98
<b>ML7.b.1.c</b>	Heptyl S-2-diethylaminoethyl ethylphosphonothioate	468712-29-0	2930.90.98
<b>ML7.b.1.c</b>	Heptyl S-2-diethylaminoethylmethylphosphonothioate	468712-17-6	2930.90.98
<b>ML7.b.1.c</b>	Heptyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959233-58-0	2930.90.98
<b>ML7.b.1.c</b>	Hexyl S-2-diethylaminoethyl ethylphosphonothioate	468712-25-6	2930.90.98
<b>ML7.b.1.c</b>	Hexyl S-2-diethylaminoethyl methylphosphonothioate	468712-15-4	2930.90.98
<b>ML7.b.1.c</b>	Hexyl S-2-diisopropylaminoethyl methylphosphonothioate	82721-31-1	2930.90.98
<b>ML7.b.1.c</b>	Hexyl S-2-dimethylaminoethyl methylphosphonothioate	69777-00-0	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-diethylaminoethyl ethylphosphonothioate	468712-21-2	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-47-2	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-diethylaminoethyl methylphosphonothioate	159939-87-4	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-diethylaminoethyl propylphosphonothioate	468712-36-9	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-diisopropylaminoethyl methylphosphonothioate	855307-83-4	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-dimethylaminoethyl ethylphosphonothioate	1253771-21-9	2930.90.98

<b>ML7.b.1.c</b>	Isobutyl S-2-dimethylaminoethyl methylphosphonothioate	56217-65-3	2930.90.98
<b>ML7.b.1.c</b>	Isobutyl S-2-dipropylaminoethyl methylphosphonothiolate	1253772-23-4	2930.90.98
<b>ML7.b.1.c</b>	Isopentyl S-2-diethylaminoethyl ethylphosphonothioate	468712-23-4	2930.90.98
<b>ML7.b.1.c</b>	(R)-2-{{[Isopropoxy(methyl)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	26348-71-0	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Isopropoxy(methyl)phosphoryl]thio}-N,N,N-trimethylethanaminium	56217-69-7	2930.90.98
<b>ML7.b.1.c</b>	2-{{[Isopropoxy(methyl)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide	1866-98-4	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diethylaminoethyl ethylphosphonothioate	162085-93-0	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diethylaminoethyl methylphosphonothioate	91134-95-1	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diethylaminoethyl propylphosphonothioate	468712-34-7	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diethylpropylammoniummethyl ethylphosphonothiolate iodide	1253752-57-6	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diisopropylaminoethyl ethylphosphonothioate	162085-95-2	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959289-50-0	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-diisopropylaminoethyl methylphosphonothioate	51446-23-2	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-dimethylaminoethyl (R)-methylphosphonothioate	13915-99-6	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-dimethylaminoethyl (S)-methylphosphonothioate	13915-98-5	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-dimethylaminoethyl ethylphosphonothioate	162085-92-9	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-dimethylaminoethyl methylphosphonothioate	21068-52-0	2930.90.98
<b>ML7.b.1.c</b>	Isopropyl S-2-dimethylpropylammoniummethyl ethylphosphonothiolate iodide	1253753-51-3	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-diethylaminoethyl ethylphosphonothioate	170800-77-8	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-diethylaminoethyl methylphosphonothioate	203385-78-8	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-diisopropylaminoethyl ethylphosphonothioate	162085-94-1	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-32-9	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-dimethylaminoethyl ethylphosphonothioate	468712-18-7	2930.90.98
<b>ML7.b.1.c</b>	Methyl S-2-dimethylaminoethyl methylphosphonothioate	108490-92-2	2930.90.98
<b>ML7.b.1.c</b>	2-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253735-81-7	2930.90.98
<b>ML7.b.1.c</b>	2-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate	1253735-83-9	2930.90.98
<b>ML7.b.1.c</b>	3-Methylbutyl S-2-diethylaminoethyl methylphosphonothioate	468712-12-1	2930.90.98
<b>ML7.b.1.c</b>	3-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate	1253735-73-7	2930.90.98
<b>ML7.b.1.c</b>	3-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate	1253735-78-2	2930.90.98
<b>ML7.b.1.c</b>	2-Methylcyclopentyl S-2-dimethylaminoethyl ethylphosphonothiolate	1253736-58-1	2930.90.98
<b>ML7.b.1.c</b>	2-Methylcyclopentyl S-2-dimethylaminoethyl methylphosphonothiolate	1253736-59-2	2930.90.98

<b>ML7.b.1.c</b>	1-Methylpentyl S-2-dimethylaminoethyl ethylphosphonothioate	1253739-96-6	2930.90.98
<b>ML7.b.1.c</b>	1-Methylpentyl S-2-dimethylaminoethyl methylphosphonothioate	79351-19-2	2930.90.98
<b>ML7.b.1.c</b>	1-Methylpentyl S-2-dipropylaminoethyl methylphosphonothioate	1253740-08-7	2930.90.98
<b>ML7.b.1.c</b>	2-Methylpentyl S-2-diethylaminoethyl ethylphosphonothioate	959288-71-2	2930.90.98
<b>ML7.b.1.c</b>	2-Methylpentyl S-2-diethylaminoethyl methylphosphonothioate	468712-14-3	2930.90.98
<b>ML7.b.1.c</b>	4-Methylpentyl S-2-diisopropylaminoethyl propylphosphonothioate	959054-90-1	2930.90.98
<b>ML7.b.1.c</b>	4-Methylpentyl S-2-dimethylaminoethyl propylphosphonothioate	959259-06-4	2930.90.98
<b>ML7.b.1.c</b>	Nonyl S-2-diethylaminoethyl ethylphosphonothioate	468712-32-5	2930.90.98
<b>ML7.b.1.c</b>	Nonyl S-2-dipropylaminoethyl ethylphosphonothioate	1253735-84-0	2930.90.98
<b>ML7.b.1.c</b>	Nonyl S-2-dipropylaminoethyl methylphosphonothioate	1253736-10-5	2930.90.98
<b>ML7.b.1.c</b>	Octyl S-2-diethylaminoethyl ethylphosphonothioate	468712-30-3	2930.90.98
<b>ML7.b.1.c</b>	Octyl S-2-dimethylaminoethyl propylphosphonothioate	959010-49-2	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-diethylaminoethyl ethylphosphonothioate	1253761-22-6	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-diethylaminoethyl methylphosphonothioate	1253764-67-8	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-36-3	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-dimethylaminoethyl ethylphosphonothioate	1253762-74-1	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-dimethylaminoethyl methylphosphonothioate	56217-64-2	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-dipropylaminoethyl ethylphosphonothioate	1253763-58-4	2930.90.98
<b>ML7.b.1.c</b>	Pentyl S-2-dipropylaminoethyl methylphosphonothioate	1253765-64-8	2930.90.98
<b>ML7.b.1.c</b>	Phosphonothioic acid, P-methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-ethyl ester	50782-69-9	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-diethylaminoethyl ethylphosphonothioate	468712-19-8	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-diethylaminoethyl propylphosphonothioate	959288-70-1	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-diisopropylaminoethyl ethylphosphonothioate	1253755-29-1	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-diisopropylaminoethyl methylphosphonothioate	52364-45-1	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-diisopropylaminoethyl propylphosphonothioate	958997-62-1	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-dimethylaminoethyl methylphosphonothioate	56217-62-0	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-dimethylaminoethyl propylphosphonothioate	959259-05-3	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-dipropylaminoethyl methylphosphonothioate	1253756-54-5	2930.90.98
<b>ML7.b.1.c</b>	Propyl S-2-dipropylaminoethyl propylphosphonothioate	959233-79-5	2930.90.98
<b>ML7.b.1.c</b>	O-sec-butyl S-[2-(dimethylamino)ethyl] ethylphosphonothioate oxalate	50929-97-0	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diethylaminoethyl ethylphosphonothioate	468712-22-3	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diethylaminoethyl isopropylphosphonothioate	468712-48-3	2930.90.98

<b>ML7.b.1.c</b>	sec-Butyl S-2-diethylaminoethyl methylphosphonothioate	468712-11-0	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diethylaminoethyl propylphosphonothioate	468712-37-0	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate	959040-29-0	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate	1253773-82-8	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-diisopropylaminoethyl propylphosphonothioate	959257-17-1	2930.90.98
<b>ML7.b.1.c</b>	sec-Butyl S-2-dimethylaminoethyl ethylphosphonothioate	50929-96-9	2930.90.98
<b>ML7.b.1.c</b>	tert-Butyl S-2-diethylaminoethyl methylphosphonothioate	288578-18-7	2930.90.98
<b>ML7.b.1.c</b>	3,5,5-Trimethylhexyl S-2-diisopropylaminoethyl propylphosphonothioate	959257-18-2	2930.90.98
<b>ML7.b.1.c</b>	3,5,5-Trimethylhexyl S-2-dimethylaminoethyl propylphosphonothioate	959250-22-7	2930.90.98
<b>ML7.b.1.c</b>	1,2,2-Trimethylpropyl S-2-diethylaminoethyl methylphosphonothioate	468712-13-2	2930.90.98
<b>ML7.b.1.c</b>	1,2,2-Trimethylpropyl S-2-diisopropylaminoethyl methylphosphonothioate	198830-38-5	2930.90.98
<b>ML7.b.2.a.1</b>	2-Chloroethylchloromethylsulphide; Sulphur mustard	2625-76-5	2930.90.98
<b>ML7.b.2.a.2</b>	Bis (2-chloroethyl) sulphide; Sulphur mustard	505-60-2	2930.90.98
<b>ML7.b.2.a.3</b>	Bis (2-chloroethylthio) methane; Sulphur mustard	63869-13-6	2930.90.98
<b>ML7.b.2.a.4</b>	1,2-Bis (2-chloroethylthio)ethane; Sulphur mustard	3563-36-8	2930.90.98
<b>ML7.b.2.a.5</b>	1,3-Bis (2-chloroethylthio)-n-propane; Sulphur mustard	63905-10-2	2930.90.98
<b>ML7.b.2.a.6</b>	1,4-Bis (2-chloroethylthio)-n-butane; Sulphur mustard	142868-93-7	2930.90.98
<b>ML7.b.2.a.7</b>	1,5-Bis (2-chloroethylthio)-n-pentane; Sulphur mustard	142868-94-8	2930.90.98
<b>ML7.b.2.a.8</b>	Bis (2-chloroethylthiomethyl) ether; Sulphur mustard	63918-90-1	2930.90.98
<b>ML7.b.2.a.9</b>	Bis (2-chloroethylthioethyl) ether; Sulphur mustard	63918-89-8	2930.90.98
<b>ML7.b.2.b.1</b>	2-Chlorovinylchloroarsine; Lewisite 1	541-25-3	2931.90.00
<b>ML7.b.2.b.2</b>	Tris (2-chlorovinyl) arsine; Lewisite 2	40334-70-1	2931.90.00
<b>ML7.b.2.b.3</b>	Bis (2-chlorovinyl) chloroarsine; Lewisite 3	40334-69-8	2931.90.00
<b>ML7.b.2.c.1</b>	Bis(2-chloroethyl)ethylamine; HN1	538-07-8	2921.19.99
<b>ML7.b.2.c.2</b>	Bis-(2-chloroethyl) methylamine; HN2	51-75-2	2921.19.99
<b>ML7.b.2.c.3</b>	Tris-(2-chloroethyl) amine; HN3	555-77-1	2921.19.99
<b>ML7.b.3.a</b>	3-Quinuclidinyl benzilate; BZ	6581-06-2	2933.39.99
<b>ML7.b.4.a</b>	Butyl 2-chloro-4-fluorophenoxyacetate; LNF	N/A	2918.29.00
<b>ML7.b.4.b</b>	Agent Orange	39277-47-9	3808.59.00
<b>ML7.c.1</b>	Isopropylphosphonic difluoride	677-42-9	2931.39.90
<b>ML7.c.1</b>	Methylphosphonyl difluoride; DF	676-99-3	2931.39.20
<b>ML7.c.1</b>	Propylphosphonic difluoride	690-14-2	2931.39.90



<b>ML7.c.1</b>	Ethylphosphonyl difluoride	753-98-0	2931.39.90
<b>ML7.c.2</b>	Butyl 2-diethylaminoethyl methylphosphonite	169662-68-4	2931.39.90
<b>ML7.c.2</b>	Cyclopentyl 2-diisopropylaminoethyl methylphosphonite	1282026-51-0	2931.39.90
<b>ML7.c.2</b>	Ethyl 2-diethylaminoethyl methylphosphonite	55523-55-2	2931.39.90
<b>ML7.c.2</b>	O-Ethyl O-2-diisopropylaminoethyl methylphosphonite; QL	57856-11-8	2931.39.90
<b>ML7.c.3</b>	Chlorosarin	1445-76-7	2931.39.90
<b>ML7.c.4</b>	3-[chloro(methyl)phosphoryl]oxy-2,2-dimethylbutane; Chlorosoman	7040-57-5	2931.39.90
<b>ML7.d.1</b>	$\alpha$ -Bromobenzeneacetonitrile; CA	5798-79-8	2926.90.70
<b>ML7.d.2</b>	[(2-Chlorophenyl) methylene] propanedinitrile; CS	2698-41-1	2926.90.70
<b>ML7.d.3</b>	2-Chloro-1-phenylethanone; CN	532-27-4	2914.79.00
<b>ML7.d.4</b>	Dibenzo-(b,f)-1,4-oxazepine; CR	257-07-8	2934.99.90
<b>ML7.d.5</b>	10-chloro-5,10-dihydrophenarsazine; DM	578-94-9	2934.99.90
<b>ML7.d.6</b>	N-Nonanoylmorpholine; MPA	5299-64-9	2934.99.90
<b>ML8.a.1</b>	7-amino-4,6-dinitrobenzofurazane-1-oxid; ADNBF	97096-78-1	2934.99.90
<b>ML8.a.2</b>	Cis-bis (5-nitrotetrazolato) tetra amine-cobalt (III) perchlorate; BNCP	117412-28-9	2933.99.80
<b>ML8.a.3</b>	5,7-diamino-4,6-dinitrobenzofurazane-1-oxide; CL-14	117907-74-1	2934.99.90
<b>ML8.a.4</b>	Hexanitrohexaazaisowurtzitane; CL-20 or HNIW	135285-90-4	2933.99.80
<b>ML8.a.5</b>	2-(5-cyanotetrazolato) penta amine-cobalt (III) perchlorate; CP	70247-32-4	2933.99.80
<b>ML8.a.6</b>	1,1-diamino-2,2-dinitroethylene; DADE	145250-81-3	2921.29.00
<b>ML8.a.7</b>	Diaminotrinitrobenzene; DATB	1630-08-6	2921.51.19
<b>ML8.a.8</b>	1,4-dinitrodifurazanopiperazine; DDFP	N/A	2934.99.90
<b>ML8.a.9</b>	2,6-diamino-3,5-dinitropyrazine-1-oxide; DDPO	194486-77-6	2933.99.80
<b>ML8.a.10</b>	3,3'-diamino-2,2',4,4',6,6'-hexanitrobiphenyl; DIPAM	17215-44-0	2921.59.90
<b>ML8.a.11</b>	Dinitroglycoluril; DNGU or DINGU	55510-04-8	2933.99.80
<b>ML8.a.12.a</b>	Diaminoazoxyfurazan; DAAOF	78644-89-0	2934.99.90
<b>ML8.a.12.b</b>	Diaminoazofurazan; DAAZF	78644-90-3	2934.99.90
<b>ML8.a.13.a</b>	Cyclotetramethylenetetranitramine; HMX or octogen	2691-41-0	2933.99.80
<b>ML8.a.13.c</b>	2,4,6,8-tetranitro-2,4,6,8-tetraazabicyclo [3,3,0]-octanone-3; K-55	130256-72-3	2933.99.80
<b>ML8.a.14</b>	Hexanitroadamantane; HNAD	143850-71-9	2904.20.00
<b>ML8.a.15</b>	Hexanitrostilbene; HNS	20062-22-0	2904.20.00
<b>ML8.a.16.a</b>	Octahydro-2,5-bis(nitroimino)imidazo [4,5-d]imidazole; BNII	N/A	2933.99.80
<b>ML8.a.16.b</b>	2,4-dinitroimidazole; DNI	5213-49-0	2933.29.90
<b>ML8.a.16.c</b>	1-fluoro-2,4-dinitroimidazole; FDIA	N/A	2933.29.90

<b>ML8.a.16.d</b>	N-(2-nitrotriazolo)-2,4-dinitroimidazole; NTDNIA	N/A	2933.29.90
<b>ML8.a.16.e</b>	1-picryl-2,4,5-trinitroimidazole; PTIA	N/A	2933.29.90
<b>ML8.a.17</b>	1-(2-nitrotriazolo)-2-dinitromethylene hydrazine; NTNMH	N/A	2928.00.90
<b>ML8.a.18</b>	3-nitro-1,2,4-triazol-5-one; NTO or ONTA	932-64-9	2933.99.80
<b>ML8.a.19</b>	Polynitrocubanes	N/A	2902.19.00
<b>ML8.a.20</b>	2,6-Bis(picrylamino)-3,5-dinitropyridine; PYX	38082-89-2	2933.39.99
<b>ML8.a.21.a</b>	Cyclotrimethylenetrinitramine; RDX	121-82-4	2933.69.10
<b>ML8.a.21.b</b>	2,4,6-trinitro-2,4,6-triazacyclohexanone; Keto-RDX or K-6	115029-35-1	2933.69.80
<b>ML8.a.22</b>	Triaminoguanidinenitrate; TAGN	4000-16-2	2928.00.90
<b>ML8.a.23</b>	Triaminotrinitrobenzene; TATB	3058-38-6	2921.59.90
<b>ML8.a.24</b>	3,3,7,7-tetrakis(difluoroamine) octahydro-1,5-dinitro-1,5-diazocine; TEDDZ	N/A	2933.99.80
<b>ML8.a.25.a</b>	Nitrotriazol aminotetrazole; NTAT	N/A	2933.99.80
<b>ML8.a.25.b</b>	1-N-(2-nitrotriazolo)-4-nitrotetrazole; NTNT	N/A	2933.99.80
<b>ML8.a.26</b>	Trinitrophenylmethylnitramine; Tetryl	479-45-8	2929.90.00
<b>ML8.a.27</b>	1,4,5,8-tetranitro-1,4,5,8-tetraazadecalin; TNAD	135877-16-6	2933.99.80
<b>ML8.a.28</b>	1,3,3-trinitroazetidine; TNAZ	97645-24-4	2933.99.80
<b>ML8.a.29</b>	Tetranitroglycoluril; TNGU or SORGUYL	55510-03-7	2933.99.80
<b>ML8.a.30</b>	1,4,5,8-tetranitro-pyridazino[4,5-d]pyridazine; TNP	229176-04-9	2933.99.80
<b>ML8.a.31.a</b>	2-oxy-4,6-dinitroamino-s-triazine; DNAM	19899-80-0	2933.69.80
<b>ML8.a.31.b</b>	2-nitroimino-5-nitro-hexahydro-1,3,5-triazine; NNHT	130400-13-4	2933.69.80
<b>ML8.a.32.a</b>	5-Azido-2-nitrotriazole	53566-50-0	2933.99.80
<b>ML8.a.32.b</b>	4-amino-3,5-dihydrazino-1,2,4-triazole dinitramide; ADHTDN	1614-08-0	2933.99.80
<b>ML8.a.32.c</b>	1-amino-3,5-dinitro-1,2,4-triazole; ADNT	N/A	2933.99.80
<b>ML8.a.32.d</b>	[bis-dinitrotriazole]amine; BDNTA	N/A	2933.99.80
<b>ML8.a.32.e</b>	3,3'-dinitro-5,5-bi-1,2,4-triazole; DBT	30003-46-4	2933.99.80
<b>ML8.a.32.f</b>	Dinitrobistriazole; DNBT	70890-46-9	2933.99.80
<b>ML8.a.32.h</b>	1-N-(2-nitrotriazolo) 3,5-dinitrotriazole; NTDNT	N/A	2933.99.80
<b>ML8.a.32.i</b>	1-picryl-3,5-dinitrotriazole; PDNT	N/A	2933.99.80
<b>ML8.a.32.j</b>	Tetranitrobenzotriazolobenzotriazole; TACOT	25243-36-1	2933.99.80
<b>ML8.a.35</b>	2,4-dinitroanisole; DNAN	119-27-7	2909.30.90
<b>ML8.a.36</b>	4,10-Dinitro-2,6,8,12-tetraoxa-4,10-diazaisowurtzitane; TEX	N/A	2934.99.90
<b>ML8.a.37</b>	Guanylurea dinitramide; GUDN	217464-38-5	2925.29.00

<b>ML8.a.38.a</b>	Bis(2,2,2-trinitroethyl)-3,6-diaminotetrazine; BTAT	N/A	2933.99.80
<b>ML8.a.38.b</b>	3,6-diamino-1,2,4,5-tetrazine-1,4-dioxide; LAX-112	153757-93-8	2933.99.80
<b>ML8.a.40</b>	Bis(2,2,2-trinitroethyl)-nitramine; BTNEN	19836-28-3	2929.90.00
<b>ML8.a.41</b>	5,6-(3',4'-furazano)- 1,2,3,4-tetrazine-1,3-dioxide; FTDO	N/A	2934.99.90
<b>ML8.a.42</b>	Ethylenedinitramine; EDNA	505-71-5	2929.90.00
<b>ML8.a.43</b>	Dihydroxylammonium 5,5'-bistetrazole-1,1'-diolate; TKX-50	N/A	2933.99.80
<b>ML8.c.2</b>	Aluminium hydride; alane	7784-21-6	2850.00.20
<b>ML8.c.3</b>	Decaborane	17702-41-9	2850.00.20
<b>ML8.c.3</b>	Pentaborane-11; B <sub>5</sub> H <sub>11</sub>	18433-84-6	2850.00.20
<b>ML8.c.3</b>	Pentaborane-9; B <sub>5</sub> H <sub>9</sub>	19624-22-7	2850.00.20
<b>ML8.c.4.a</b>	Hydrazine	302-01-2	2825.10.00
<b>ML8.c.4.b</b>	Monomethylhydrazine	60-34-4	2928.00.90
<b>ML8.c.4.c</b>	Symmetrical dimethyl hydrazine	540-73-8	2928.00.90
<b>ML8.c.4.d</b>	Unsymmetrical dimethylhydrazine; UDMH	57-14-7	2928.00.90
<b>ML8.c.5.a.1</b>	Beryllium powder	7440-41-7	8112.12.00
<b>ML8.c.5.a.2</b>	Iron powder	7439-89-6	7205.29.00
<b>ML8.c.5.b.1</b>	Magnesium powder	7439-95-4	8104.30.00
<b>ML8.c.5.b.1</b>	Zirconium powder	7440-67-7	8109.20.00
<b>ML8.c.5.b.2</b>	Boron carbide powder; B <sub>4</sub> C	12069-32-8	2849.90.10
<b>ML8.c.5.b.2</b>	Boron powder	7440-42-8	2804.50.10
<b>ML8.c.6</b>	Aluminium tristearate; octal	637-12-7	2915.70.50
<b>ML8.c.8</b>	Aluminium powder	7429-90-5	7603.10.00
<b>ML8.c.9</b>	Titanium subhydride	7704-98-5	2850.00.20
<b>ML8.d.1</b>	Ammonium dinitramide; ADN	140456-78-6	2853.90.90
<b>ML8.d.2</b>	Ammonium perchlorate; AP	7790-98-9	2829.90.10
<b>ML8.d.4</b>	1,3-dinitro-1,3-diazetidine; DNAD	78246-06-7	2933.99.80
<b>ML8.d.5</b>	Hydroxylammonium nitrate; HAN	13465-08-2	2825.10.00
<b>ML8.d.6</b>	Hydroxylammonium perchlorate; HAP	15588-62-2	2825.10.00
<b>ML8.d.7</b>	Hydrazinium nitroformate; HNF	20773-28-8	2928.00.90
<b>ML8.d.8</b>	Hydrazine nitrate	37836-27-4	2825.10.00
<b>ML8.d.9</b>	Hydrazinium perchlorate	27978-54-7	2825.10.00
<b>ML8.d.10</b>	Inhibited red fuming nitric acid; IRFNA	8007-58-7	2808.00.00
<b>ML8.e.1</b>	Azidomethylmethyloxetane; AMMO	90683-29-7	2932.99.00

<b>ML8.e.2</b>	3,3-bis(azidomethyl)oxetane; BAMO	17607-20-4	2932.99.00
<b>ML8.e.3</b>	Bis (2,2-dinitropropyl)acetal; BDNPA	5108-69-0	2911.00.00
<b>ML8.e.4</b>	Bis (2,2-dinitropropyl)formal; BDNPF	5917-61-3	2911.00.00
<b>ML8.e.5</b>	Butanetrioltrinitrate; BTTN	6659-60-5	2920.90.70
<b>ML8.e.7</b>	3-difluoroaminomethyl-3-azidomethyl oxetane; FAMAO	N/A	2932.99.00
<b>ML8.e.8</b>	Bis-(2-fluoro-2,2-dinitroethyl) formal; FEFO	17003-79-1	2911.00.00
<b>ML8.e.9</b>	Poly-2,2,3,3,4,4-hexafluoropentane-1,5-diol formal; FPF-1	376-90-9	2932.99.00
<b>ML8.e.10</b>	Poly-2,4,4,5,5,6,6-heptafluoro-2-tri-fluoromethyl-3-oxaheptane-1,7-diol formal; FPF-3	N/A	2932.99.00
<b>ML8.e.11</b>	Glycidylazide polymer; GAP	143178-24-9	3911.90.99
<b>ML8.e.12</b>	Hydroxyl terminated polybutadiene; HTPB	69102-90-5	4002.20.00
<b>ML8.e.14</b>	2-(butylnitroamino)ethyl nitrate; Butyl-NENA	82486-82-6	2929.90.00
<b>ML8.e.14</b>	2-(ethylnitroamino)ethyl nitrate; Ethyl-NENA	85068-73-1	2929.90.00
<b>ML8.e.14</b>	2-(methylnitroamino)ethyl nitrate; Methyl-NENA	17096-47-8	2929.90.00
<b>ML8.e.14</b>	2-[nitro(pentyl)amino]ethyl nitrate	85954-06-9	2929.90.00
<b>ML8.e.14</b>	2-(propylnitroamino)ethyl nitrate; Propyl-NENA	82486-83-7	2929.90.00
<b>ML8.e.15</b>	Polyglycidyl nitrate; Poly-GLYN or PGN	27814-48-8	Heading 3907
<b>ML8.e.16</b>	Poly(3-nitratomethyl-3-methyloxetane); Poly-NIMMO	84051-81-0	2932.99.00
<b>ML8.e.18</b>	1,2,3-tris[1,2-bis(difluoroamino)ethoxy] propane; TVOPA	53159-39-0	2929.90.00
<b>ML8.e.19</b>	4,5-diazidomethyl-2-methyl-1,2,3-triazole; iso-DAMTR	N/A	2933.99.80
<b>ML8.e.19</b>	Trimethylolethane trinitrate; TMETN	3032-55-1	2920.90.70
<b>ML8.e.20</b>	Poly(3-nitrato oxetane); PNO	N/A	Subhead. 3907.20
<b>ML8.f.1</b>	Basic copper salicylate	62320-94-9	2918.21.00
<b>ML8.f.2</b>	Bis-(2-hydroxyethyl) glycolamide; BHEGA	17409-41-5	2924.19.00
<b>ML8.f.4.a</b>	Butacene	125856-62-4	4002.20.00
<b>ML8.f.4.b</b>	Catocene	37206-42-1	2931.90.00
<b>ML8.f.4.c</b>	Ferrocene carboxylic acid	1271-42-7	2931.90.00
<b>ML8.f.4.c</b>	1,1'-Ferrocenedicarboxylic acid	1293-87-4	2931.90.00
<b>ML8.f.4.d</b>	n-Butyl ferrocene	31904-29-7	2931.90.00
<b>ML8.f.4.f</b>	Ethyl ferrocene	1273-89-8	2931.90.00
<b>ML8.f.4.g</b>	Iso-propyl ferrocene	12126-81-7	2931.90.00
<b>ML8.f.4.g</b>	n-Propyl ferrocene	1273-92-3	2931.90.00
<b>ML8.f.4.h</b>	Pentyl ferrocene	1274-00-6	2931.90.00

<b>ML8.f.4.i</b>	Dicyclopentyl ferrocene	125861-17-8	2931.90.00
<b>ML8.f.4.j</b>	Dicyclohexyl ferrocene	N/A	2931.90.00
<b>ML8.f.4.k</b>	Diethyl ferrocene	1273-97-8	2931.90.00
<b>ML8.f.4.l</b>	Dipropyl ferrocene	N/A	2931.90.00
<b>ML8.f.4.m</b>	Dibutyl ferrocene	1274-08-4	2931.90.00
<b>ML8.f.4.n</b>	Dihexyl ferrocene	93894-59-8	2931.90.00
<b>ML8.f.4.o</b>	Acetyl ferrocene	1271-55-2	2931.90.00
<b>ML8.f.4.o</b>	1,1'-Diacetyl ferrocene	1273-94-5	2931.90.00
<b>ML8.f.5</b>	Copper $\beta$ -resorcyrate	70983-44-7	2918.29.00
<b>ML8.f.5</b>	Lead $\beta$ -resorcyrate	20936-32-7	2918.29.00
<b>ML8.f.6</b>	Lead citrate	14450-60-3	2918.15.00
<b>ML8.f.7</b>	Lead-copper chelates of beta-resorcyrate or salicylates	68411-07-4	3824.99.93
<b>ML8.f.8</b>	Lead maleate	19136-34-6	2917.19.80
<b>ML8.f.9</b>	Lead salicylate	15748-73-9	2918.21.00
<b>ML8.f.10</b>	Lead stannate; PbSnO <sub>3</sub>	12036-31-6	2841.90.85
<b>ML8.f.11</b>	bis(2-methyl aziridinyl); BOBBA 8	N/A	2933.99.80
<b>ML8.f.11</b>	Tris-1-(2-methyl)aziridinyl phosphine oxide; MAPO	57-39-6	2933.99.80
<b>ML8.f.12</b>	N-methyl-P,P-bis(2-methylaziridin-1-yl)phosphinamide; Methyl BAPO	85068-72-0	2933.99.80
<b>ML8.f.13</b>	N-Methyl-p-nitroaniline	100-15-2	2921.42.00
<b>ML8.f.14</b>	3-Nitrazo-1,5-pentane diisocyanate	7406-61-9	2929.10.00
<b>ML8.f.15.a</b>	LICA 12	103850-22-2	2919.90.00
<b>ML8.f.15.a</b>	Titanium IV, 2,2[bis 2-propenolato-methyl, butanolato, tris (dioctyl) phosphato]	110438-25-0	2919.90.00
<b>ML8.f.15.b</b>	Titanium IV, [(2-propenolato-1) methyl, n-propanolatomethyl] butanolato-1, tris[dioctyl] pyrophosphate; KR3538	N/A	2919.90.00
<b>ML8.f.15.c</b>	Titanium IV, [(2-propenolato-1) methyl, n-propanolatomethyl] butanolato-1, tris(dioctyl)phosphate	N/A	2919.90.00
<b>ML8.f.17.a</b>	1,1',1''-Trimesoyl-tris(2-ethylaziridine); HX-868	7722-73-8	2933.99.80
<b>ML8.f.17.b</b>	1,1'-Isophthaloyl-bis(2-methylaziridine)	7652-64-4	2933.99.80
<b>ML8.f.17.b</b>	1,1'-Trimethyladipoylbis(2-ethylaziridine)	71463-62-2	2933.99.80
<b>ML8.f.17.b</b>	2,4,6-tris(2-Ethyl-1-aziridinyl)-1,3,5-triazine	18924-91-9	2933.69.80
<b>ML8.f.18</b>	Propyleneimine or 2-methylaziridine	75-55-8	2933.99.80
<b>ML8.f.19</b>	Superfine iron oxide; Fe <sub>2</sub> O <sub>3</sub>	1317-60-8	2821.10.00
<b>ML8.f.20</b>	Tetraethylenepentaamineacrylonitrile; Tepan	68412-45-3	2926.90.70
<b>ML8.f.21</b>	Tetraethylenepentaamine acrylonitrileglycidol; Tepanol	68412-46-4	2926.90.70

<b>ML8.f.22</b>	Triphenyl bismuth; TPB	603-33-8	2931.90.00
<b>ML8.f.23</b>	Tris (ethoxyphenyl) bismuth); TEPB	90591-48-3	2931.90.00
<b>ML8.g.1</b>	3,3-bis(chloromethyl)oxetane; BCMO	78-71-7	2932.99.00
<b>ML8.g.2</b>	Dinitroazetidine-t-butyl salt	125735-38-8	2933.99.80
<b>ML8.g.3</b>	Hexabenzylhexaazaisowurtzitane; HBIW	124782-15-6	2933.59.95
<b>ML8.g.3</b>	Tetraacetyldibenzylhexaazaisowurtzitane; TAIW	182763-60-6	2933.59.95
<b>ML8.g.5</b>	1,3,5,7 tetraacetyl-1,3,5,7,-tetraaza cyclo-octane; TAT	41378-98-7	2933.99.80
<b>ML8.g.6</b>	1,4,5,8-Tetraazadecalin	5409-42-7	2933.99.80
<b>ML8.g.7</b>	1,3,5-Trichlorobenzene	108-70-3	2903.99.80
<b>ML8.g.8</b>	1,2,4-Trihydroxybutane	3068-00-6	2905.49.00
<b>ML8.g.9</b>	1,5-diacetyl-3,7-dinitro-1,3,5,7-tetraaza-cyclooctane; DADN	N/A	2933.99.80



## 2.4 Hazardous chemicals (PIC regulation)

The Regulation (EU) No 649/2012 <sup>(26)</sup> also known as Prior Informed Consent (PIC) Regulation, is the regulation of the European Parliament and of the Council concerning the export and import of hazardous chemicals. It applies to industrial chemicals and pesticides (including biocides) that are banned or severely restricted for health or environmental reasons. It places obligations on companies that wish to export these chemicals to non-EU countries. The PIC Regulation implements within the EU the Rotterdam Convention <sup>(27)</sup> on the Prior Informed Consent procedure for certain Hazardous Chemicals and Pesticides in international trade.

The PIC Regulation entered into operation on 1 March 2014. From this date, the European Chemicals Agency (ECHA) <sup>(28)</sup> is responsible for the administrative and technical tasks related to the new Regulation.

The PIC Regulation covers the following chemicals:

- Certain hazardous chemicals that are subject to the prior informed consent procedure under the Convention (the 'PIC procedure');
- Certain hazardous chemicals that are banned or severely restricted within the Union or a Member State;
- Chemicals when exported in so far as their classification, labelling and packaging are concerned.

The regulation differentiates chemicals in two annexes, Annex I (restricted) and Annex V (prohibited), but in its turn Annex I is split in three parts (see table 6).

**Table 6.** Description of PIC annexes

<b>Annex</b>	<b>Description</b>
Annex I Part 1	Chemicals banned or severely restricted within the EU in a subcategory of a Convention use category
Annex I Part 2	Chemicals banned or severely restricted within the EU in a Convention use category
Annex I Part 3	Chemicals that are subject to the prior informed consent (PIC) procedure under the Rotterdam Convention
Annex V	Chemicals prohibited within the EU and banned from export

The European Chemicals Agency published a guidance <sup>(29)</sup> with the aim of assisting, providing assistance and technical and scientific guidance to industry, economic operators and authorities on complying with their obligations under the Regulation (EU) No 649/2012 (the PIC Regulation).

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<sup>(26)</sup> Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02012R0649-20200901>

<sup>(27)</sup> Rotterdam Convention <http://www.pic.int/>

<sup>(28)</sup> European Chemicals Agency (ECHA); <https://echa.europa.eu/regulations/prior-informed-consent/understanding-pic>

<sup>(29)</sup> Guidance for implementation of Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals [https://echa.europa.eu/documents/10162/23036412/guidance\\_pic\\_en.pdf/813e3826-5b6d-4a31-9088-6bb9ceae34b4](https://echa.europa.eu/documents/10162/23036412/guidance_pic_en.pdf/813e3826-5b6d-4a31-9088-6bb9ceae34b4)



**Table 7.** Chemicals subject to PIC regulation

Reference	Chemical name	CAS number	CN code
Annex I Part 1	Acifluorfen	50594-66-6	2918.99.90
Annex I Part 1	Ametryn	834-12-8	2933.69.80
Annex I Part 1	Anthracene oil	90640-80-5	2707.99.20
Annex I Part 1	Arsenic	7440-38-2	2804.80.00
Annex I Part 1	Arsenic trichloride; AsCl <sub>3</sub>	7784-34-1	2812.19.90
Annex I Part 1	Arsenic trioxide	1327-53-3	2811.29.10
Annex I Part 1	Azinphos-ethyl	2642-71-9	2933.99.80
Annex I Part 1	Bensultap	17606-31-4	2930.90.98
Annex I Part 1	Benzene crude	71-43-2	2707.10.00
Annex I Part 1	Benzene pure	71-43-2	2902.20.00
Annex I Part 1	Cadmium Nitrate; Cd(NO <sub>3</sub> ) <sub>2</sub>	10325-94-7	2834.29.20
Annex I Part 1	Cadmium oxide; CdO	1306-19-0	2825.90.60
Annex I Part 1	Cadmium powder	7440-43-9	8107.20.00
Annex I Part 1	Cadmium sulphate; CdSO <sub>4</sub>	7790-84-3	2833.29.20
Annex I Part 1	Calciferol	50-14-6	2936.29.00
Annex I Part 1	Carbendazim	10605-21-7	2933.99.80
Annex I Part 1	Carbon tetrachloride	56-23-5	2903.14.00
Annex I Part 1	Cartap	15263-53-3	2930.20.00
Annex I Part 1	Chinomethionat	2439-01-2	2934.99.90
Annex I Part 1	Chlorfenvinphos	470-90-6	2919.90.00
Annex I Part 1	Chlormephos	24934-91-6	2930.90.98
Annex I Part 1	Chloroform	67-66-3	2903.13.00
Annex I Part 1	Chlorothalonil	1897-45-6	2926.90.70
Annex I Part 1	Chlorpropham	101-21-3	2924.29.70
Annex I Part 1	Cholecalciferol	67-97-0	2936.29.00
Annex I Part 1	Cis-1,3-dichloropropene	10061-01-5	2903.29.00
Annex I Part 1	Clothianidin	210880-92-5	2934.10.00
Annex I Part 1	Coal tar distillate	65996-91-0	2707.99.19
Annex I Part 1	Coal tar distillate fraction	84650-04-4	2707.40.00
Annex I Part 1	Coal tar distillate fraction	84650-04-4	2707.50.00
Annex I Part 1	Coumafuryl	117-52-2	2932.20.90

<b>Annex I Part 1</b>	Creosote oil	61789-28-4	2707.91.00
<b>Annex I Part 1</b>	Creosote oil	8001-58-9	2707.91.00
<b>Annex I Part 1</b>	Creosote oil fraction	90640-84-9	2707.91.00
<b>Annex I Part 1</b>	Crimidine	535-89-7	2933.59.95
<b>Annex I Part 1</b>	Cyanamide	420-04-2	2853.90.90
<b>Annex I Part 1</b>	Cyanazine	21725-46-2	2933.69.80
<b>Annex I Part 1</b>	Cyfluthrin	68359-37-5	2926.90.70
<b>Annex I Part 1</b>	Cyhalothrin	68085-85-8	2926.90.70
<b>Annex I Part 1</b>	Di- $\mu$ -oxo-di-n-butylstannio-hydroxyborane; DBB	75113-37-0	2931.90.00
<b>Annex I Part 1</b>	Desmedipham	13684-56-5	2924.29.70
<b>Annex I Part 1</b>	Dibutyltin diacetate	1067-33-0	2931.90.00
<b>Annex I Part 1</b>	Dibutyltin dichloride	683-18-1	2931.90.00
<b>Annex I Part 1</b>	Dibutyltin dilaurate	77-58-7	2931.90.00
<b>Annex I Part 1</b>	Dibutyltin oxide	818-08-6	2931.90.00
<b>Annex I Part 1</b>	1,1-Dichloroethene	75-35-4	2903.29.00
<b>Annex I Part 1</b>	Didecyldimethylammonium chloride	7173-51-5	2923.90.00
<b>Annex I Part 1</b>	Dinobuton	973-21-7	2920.90.10
<b>Annex I Part 1</b>	Diocetyl tin	3542-36-7	2931.90.00
<b>Annex I Part 1</b>	Diocetyl tin diacetate	17586-94-6	2931.90.00
<b>Annex I Part 1</b>	Diocetyl tin dilaurate	3648-18-8	2931.90.00
<b>Annex I Part 1</b>	Diocetyl tin maleate	16091-18-2	2931.90.00
<b>Annex I Part 1</b>	Diocetyl tin maleate	16091-18-2	2931.90.00
<b>Annex I Part 1</b>	Diocetyl tin oxide	870-08-6	2931.90.00
<b>Annex I Part 1</b>	Ethion	563-12-2	2930.90.98
<b>Annex I Part 1</b>	Fenprothrin	39515-41-8	2926.90.70
<b>Annex I Part 1</b>	Fenvalerate	51630-58-1	2926.90.70
<b>Annex I Part 1</b>	Ferbam	14484-64-1	2930.20.00
<b>Annex I Part 1</b>	Flurenol	467-69-6	2918.19.98
<b>Annex I Part 1</b>	Furathiocarb	65907-30-4	2932.99.00
<b>Annex I Part 1</b>	Methidathion	950-37-8	2934.99.90
<b>Annex I Part 1</b>	Methomyl	16752-77-5	2930.90.98
<b>Annex I Part 1</b>	Metoxuron	19937-59-8	2924.21.00
<b>Annex I Part 1</b>	Monolinuron	1746-81-2	2928.00.90

<b>Annex I Part 1</b>	Monuron	150-68-5	2924.21.00
<b>Annex I Part 1</b>	Omethoate	1113-02-6	2930.90.98
<b>Annex I Part 1</b>	Pebulate	1114-71-2	2930.20.00
<b>Annex I Part 1</b>	Pentachloroethane	76-01-7	2903.19.00
<b>Annex I Part 1</b>	Permethrin	52645-53-1	2916.20.00
<b>Annex I Part 1</b>	Phenylmercuric acetate	62-38-4	2852.10.00
<b>Annex I Part 1</b>	Phenylmercury neodecanoate	26545-49-3	2852.10.00
<b>Annex I Part 1</b>	Pigment white 1	1319-46-6	3206.49.70
<b>Annex I Part 1</b>	Pigment white 30	7446-27-7	3206.49.70
<b>Annex I Part 1</b>	Pigment yellow 34	1344-37-2	3206.20.00
<b>Annex I Part 1</b>	Propham	122-42-9	2924.29.70
<b>Annex I Part 1</b>	Propiconazole	60207-90-1	2934.99.90
<b>Annex I Part 1</b>	Scilliroside	507-60-8	2938.90.90
<b>Annex I Part 1</b>	sec-butylamine	13952-84-6	2921.19.99
<b>Annex I Part 1</b>	Strychnine	57-24-9	2939.79.90
<b>Annex I Part 1</b>	Tar acid, coal	65996-85-2	2707.99.80
<b>Annex I Part 1</b>	Tar oil	122384-78-5	3807.00.90
<b>Annex I Part 1</b>	Terbufos	13071-79-9	2930.90.98
<b>Annex I Part 1</b>	1,1,2,2-Tetrachloroethane	79-34-5	2903.19.00
<b>Annex I Part 1</b>	1,1,1,2-Tetrachloroethane	630-20-6	2903.19.00
<b>Annex I Part 1</b>	Thallium sulphate	7446-18-6	2833.29.80
<b>Annex I Part 1</b>	Thiocyclam	31895-22-4	2934.99.90
<b>Annex I Part 1</b>	Triazophos	24017-47-8	2933.99.80
<b>Annex I Part 1</b>	Trichlorobenzene	120-82-1	2903.99.80
<b>Annex I Part 1</b>	1,1,1-Trichloroethane	71-55-6	2903.19.00
<b>Annex I Part 1</b>	1,1,2-Trichloroethane	79-00-5	2903.19.00
<b>Annex I Part 1</b>	Tridemorph	24602-86-6	2934.99.90
<b>Annex I Part 1</b>	Triflumuron	64628-44-0	2924.21.00
<b>Annex I Part 1</b>	Tris-aziridinyl-phosphin oxide	545-55-1	2933.99.80
<b>Annex I Part 1</b>	Vamidothion	2275-23-2	2930.90.98
<b>Annex I Part 1</b>	Warfarin	81-81-2	2932.20.90
<b>Annex I Part 1</b>	Wood creosote	8021-39-4	3807.00.90
<b>Annex I Part 1</b>	Zineb	12122-67-7	3824.99.93

<b>Annex I Parts 1 &amp; 2</b>	Acephate	30560-19-1	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Acetochlor	34256-82-1	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	4-aminobiphenyl	92-67-1	2921.49.00
<b>Annex I Parts 1 &amp; 2</b>	4-aminobiphenyl hydrochloride	2113-61-3	2921.49.00
<b>Annex I Parts 1 &amp; 2</b>	Amitraz	33089-61-1	2925.29.00
<b>Annex I Parts 1 &amp; 2</b>	Amitrole	61-82-5	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Anthraquinone	84-65-1	2914.61.00
<b>Annex I Parts 1 &amp; 2</b>	Asulam	3337-71-1	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Atrazine	1912-24-9	2933.69.10
<b>Annex I Parts 1 &amp; 2</b>	Azocyclotin	41083-11-8	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Benfuracarb	82560-54-1	2932.99.00
<b>Annex I Parts 1 &amp; 2</b>	Benzidine	92-87-5	2921.59.90
<b>Annex I Parts 1 &amp; 2</b>	Benzidine acetate	36341-27-2	2921.59.90
<b>Annex I Parts 1 &amp; 2</b>	Benzidine hydrochloride	531-85-1	2921.59.90
<b>Annex I Parts 1 &amp; 2</b>	Benzidine sulphate	536-86-2	2921.59.90
<b>Annex I Parts 1 &amp; 2</b>	Benzyl butyl phthalate	85-68-7	2917.34.00
<b>Annex I Parts 1 &amp; 2</b>	Beta-cypermethrin	65731-84-2	2926.90.70
<b>Annex I Parts 1 &amp; 2</b>	Bitertanol	55179-31-2	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Butralin	33629-47-9	2921.49.00
<b>Annex I Parts 1 &amp; 2</b>	Cadusafos	95465-99-9	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Calcium chlorate; Ca(ClO <sub>3</sub> ) <sub>2</sub>	10137-74-3	2829.19.00
<b>Annex I Parts 1 &amp; 2</b>	Carbaryl	63-25-2	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	Carbosulfan	55285-14-8	2932.99.00
<b>Annex I Parts 1 &amp; 2</b>	Chlorfenapyr	122453-73-0	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Chloropicrin	76-06-2	2904.91.00
<b>Annex I Parts 1 &amp; 2</b>	Chlorthal-dimethyl	1861-32-1	2917.39.95
<b>Annex I Parts 1 &amp; 2</b>	Chlozolate	84332-86-5	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Cinidon-ethyl	142891-20-1	2925.19.95
<b>Annex I Parts 1 &amp; 2</b>	Cybutryne	28159-98-0	2933.69.80
<b>Annex I Parts 1 &amp; 2</b>	Cyclanilide	113136-77-9	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	Cyhexatin	13121-70-5	2931.90.00
<b>Annex I Parts 1 &amp; 2</b>	3-decen-2-one	10519-33-2	2914.19.90
<b>Annex I Parts 1 &amp; 2</b>	Diarsenic pentaoxide; As <sub>2</sub> O <sub>5</sub>	1303-28-2	2811.29.90

<b>Annex I Parts 1 &amp; 2</b>	Diazinon	333-41-5	2933.59.10
<b>Annex I Parts 1 &amp; 2</b>	Dichlobenil	1194-65-6	2926.90.70
<b>Annex I Parts 1 &amp; 2</b>	1,3-dichloropropene	542-75-6	2903.29.00
<b>Annex I Parts 1 &amp; 2</b>	Dichlorvos	62-73-7	2919.90.00
<b>Annex I Parts 1 &amp; 2</b>	Dicloran	99-30-9	2921.42.00
<b>Annex I Parts 1 &amp; 2</b>	Dicofol	115-32-2	2906.29.00
<b>Annex I Parts 1 &amp; 2</b>	Diisobutyl phthalate	84-69-5	2917.34.00
<b>Annex I Parts 1 &amp; 2</b>	Dimethenamid	87674-68-8	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Dimethoate	60-51-5	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Diniconazole-M	83657-18-5	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Dinoterb	1420-07-1	2908.99.00
<b>Annex I Parts 1 &amp; 2</b>	Diphenylamine	122-39-4	2921.44.00
<b>Annex I Parts 1 &amp; 2</b>	Diquat	2764-72-9	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Diquat dibromide	85-00-7	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Ethalfuralin	55283-68-6	2921.43.00
<b>Annex I Parts 1 &amp; 2</b>	Ethoprophos	13194-48-4	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Ethoxyquin	91-53-2	2933.49.90
<b>Annex I Parts 1 &amp; 2</b>	Ethoxysulfuron	126801-58-9	2933.59.95
<b>Annex I Parts 1 &amp; 2</b>	Fenamidone	161326-34-7	2933.29.90
<b>Annex I Parts 1 &amp; 2</b>	Fenarimol	60168-88-9	2933.59.95
<b>Annex I Parts 1 &amp; 2</b>	Fenbutatin oxide	13356-08-6	2931.90.00
<b>Annex I Parts 1 &amp; 2</b>	Fenitrothion	122-14-5	2920.19.00
<b>Annex I Parts 1 &amp; 2</b>	Fenthion	55-38-9	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Fentin acetate	900-95-8	2931.90.00
<b>Annex I Parts 1 &amp; 2</b>	Fentin hydroxide	76-87-9	2931.90.00
<b>Annex I Parts 1 &amp; 2</b>	Fipronil	120068-37-3	2933.19.90
<b>Annex I Parts 1 &amp; 2</b>	Flufenoxuron	101463-69-8	2919.90.00
<b>Annex I Parts 1 &amp; 2</b>	Flupyrsulfuron	150315-10-9	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Flupyrsulfuron-methyl; DPX KE 459	144740-53-4	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Flupyrsulfuron-methyl-sodium	144740-54-5	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Flurprimidol	56425-91-3	2933.59.95
<b>Annex I Parts 1 &amp; 2</b>	Flurtamone	96525-23-4	2932.19.00
<b>Annex I Parts 1 &amp; 2</b>	Glufosinate	51276-47-2	2931.39.90

<b>Annex I Parts 1 &amp; 2</b>	Glufosinate-ammonium	77182-82-2	2931.39.90
<b>Annex I Parts 1 &amp; 2</b>	Guazatine	108173-90-6	3808.99.90
<b>Annex I Parts 1 &amp; 2</b>	Guazatine acetate	115044-19-4	3808.99.90
<b>Annex I Parts 1 &amp; 2</b>	Hexachloroethane	67-72-1	2903.19.00
<b>Annex I Parts 1 &amp; 2</b>	Hexazinone	51235-04-2	2933.69.80
<b>Annex I Parts 1 &amp; 2</b>	Imidacloprid	138261-41-3	2933.39.99
<b>Annex I Parts 1 &amp; 2</b>	Iminoctadine	13516-27-3	2925.29.00
<b>Annex I Parts 1 &amp; 2</b>	Indolylacetic acid	87-51-4	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Iprodione	36734-19-7	2933.21.00
<b>Annex I Parts 1 &amp; 2</b>	Isononylphenol	11066-49-2	2907.13.00
<b>Annex I Parts 1 &amp; 2</b>	Isononylphenol ethoxilated	37205-87-1	3402.13.00
<b>Annex I Parts 1 &amp; 2</b>	Isoproturon	34123-59-6	2924.21.00
<b>Annex I Parts 1 &amp; 2</b>	Isoxathion	18854-01-8	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Lead 2,4,6-trinitrobenzene-1,3-diolate	15245-44-0	2908.99.00
<b>Annex I Parts 1 &amp; 2</b>	Lead carbonate; PbCO <sub>3</sub>	598-63-0	2836.99.17
<b>Annex I Parts 1 &amp; 2</b>	Lead chromate; PbCrO <sub>4</sub>	7758-97-6	2841.15.00
<b>Annex I Parts 1 &amp; 2</b>	Lead diacetate	301-04-2	2915.29.00
<b>Annex I Parts 1 &amp; 2</b>	Lead diazide	13424-46-9	2850.00.60
<b>Annex I Parts 1 &amp; 2</b>	Lead hexafluorosilicate	25808-74-6	2826.90.80
<b>Annex I Parts 1 &amp; 2</b>	Lead hydrogenarsenate	7784-40-9	2842.90.80
<b>Annex I Parts 1 &amp; 2</b>	Lead sulphate; PbSO <sub>4</sub>	7446-14-2	2833.29.60
<b>Annex I Parts 1 &amp; 2</b>	Linuron	330-55-2	2928.00.90
<b>Annex I Parts 1 &amp; 2</b>	Malathion	121-75-5	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Maleic hydrazide	123-33-1	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Maleic hydrazide pcholine salt	61167-10-0	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Maleic hydrazide potassium salt	51542-52-0	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Maleic hydrazide sodium salt	28330-26-9	2933.99.80
<b>Annex I Parts 1 &amp; 2</b>	Maneb	12427-38-2	3824.99.93
<b>Annex I Parts 1 &amp; 2</b>	Methyl-parathion	298-00-0	2920.11.00
<b>Annex I Parts 1 &amp; 2</b>	Methyl bromide	74-83-9	2903.39.11
<b>Annex I Parts 1 &amp; 2</b>	Monomethyl-dibromo-diphenyl methane; DBBT	99688-47-8	2903.99.80
<b>Annex I Parts 1 &amp; 2</b>	Monomethyl-Tetrachlorodiphenyl methane; Ugilec 141	76253-60-6	2903.99.80
<b>Annex I Parts 1 &amp; 2</b>	Naled	300-76-5	2919.90.00

<b>Annex I Parts 1 &amp; 2</b>	Naphthalen-2-amine monohydrochloride	612-52-2	2921.45.00
<b>Annex I Parts 1 &amp; 2</b>	2-naphthylamine	91-59-8	2921.45.00
<b>Annex I Parts 1 &amp; 2</b>	2-naphthylammonium acetate	553-00-4	2921.45.00
<b>Annex I Parts 1 &amp; 2</b>	2-Naphthyloxyacetic acid	120-23-0	2918.99.90
<b>Annex I Parts 1 &amp; 2</b>	Nicotine	54-11-5	2939.79.10
<b>Annex I Parts 1 &amp; 2</b>	4-nitrobiphenyl	92-93-3	2904.20.00
<b>Annex I Parts 1 &amp; 2</b>	Nitrofen	1836-75-5	2909.30.90
<b>Annex I Parts 1 &amp; 2</b>	Nonylpheno branchedI ethoxilated	26027-38-3	3402.13.00
<b>Annex I Parts 1 &amp; 2</b>	4-nonylphenol	104-40-5	2907.13.00
<b>Annex I Parts 1 &amp; 2</b>	Nonylphenol	25154-52-3	2907.13.00
<b>Annex I Parts 1 &amp; 2</b>	4-nonylphenol branched	84852-15-3	2907.13.00
<b>Annex I Parts 1 &amp; 2</b>	Nonylphenol branched	90481-04-2	2907.13.00
<b>Annex I Parts 1 &amp; 2</b>	Nonylphenol branched ethoxilated	68412-54-4	3402.13.00
<b>Annex I Parts 1 &amp; 2</b>	Nonylphenol ethoxilated	127087-87-0	3402.13.00
<b>Annex I Parts 1 &amp; 2</b>	Nonylphenol ethoxilated; nonoxinol	9016-45-9	3402.13.00
<b>Annex I Parts 1 &amp; 2</b>	Octabromodiphenyl ether	32536-52-0	2909.30.38
<b>Annex I Parts 1 &amp; 2</b>	Orthosulfamuron	213464-77-8	2933.59.95
<b>Annex I Parts 1 &amp; 2</b>	Oxadiargyl	39807-15-3	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Oxasulfuron	144651-06-9	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Oxydemeton-methyl	301-12-2	2925.19.95
<b>Annex I Parts 1 &amp; 2</b>	Paraquat	4685-14-7	2933.39.99
<b>Annex I Parts 1 &amp; 2</b>	Paraquat dichloride	1910-42-5	2933.39.99
<b>Annex I Parts 1 &amp; 2</b>	Paraquat dimethylsulfate	2074-50-2	2933.39.99
<b>Annex I Parts 1 &amp; 2</b>	Phosalone	2310-17-0	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Picoxystrobin	117428-22-5	2933.39.99
<b>Annex I Parts 1 &amp; 2</b>	Potassium chlorate; KClO <sub>3</sub>	3811-04-9	2829.19.00
<b>Annex I Parts 1 &amp; 2</b>	Procymidone	32809-16-8	2925.19.95
<b>Annex I Parts 1 &amp; 2</b>	Propachlor	1918-16-7	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	Propanil	709-98-8	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	Propargite	2312-35-8	2920.90.70
<b>Annex I Parts 1 &amp; 2</b>	Propineb	12071-83-9	2930.20.00
<b>Annex I Parts 1 &amp; 2</b>	Propisochlor	86763-47-5	2924.29.70
<b>Annex I Parts 1 &amp; 2</b>	Pymetrozine	123312-89-0	2933.69.80

<b>Annex I Parts 1 &amp; 2</b>	Pyrazophos	13457-18-6	2933.59.95
<b>Annex I Parts 1 &amp; 2</b>	Quinoxifen	124495-18-7	2933.49.90
<b>Annex I Parts 1 &amp; 2</b>	Quintozene	82-68-8	2904.99.00
<b>Annex I Parts 1 &amp; 2</b>	Rotenone	83-79-4	2932.99.00
<b>Annex I Parts 1 &amp; 2</b>	Silver chlorate; AgClO <sub>3</sub>	7783-92-8	2843.29.00
<b>Annex I Parts 1 &amp; 2</b>	Simazine	122-34-9	2933.69.10
<b>Annex I Parts 1 &amp; 2</b>	Sodium chlorate; NaClO <sub>3</sub>	7775-09-9	2829.11.00
<b>Annex I Parts 1 &amp; 2</b>	Tecnazene	117-18-0	2904.90.00
<b>Annex I Parts 1 &amp; 2</b>	Tepraloxdim	149979-41-9	2932.99.00
<b>Annex I Parts 1 &amp; 2</b>	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	2904.20.00
<b>Annex I Parts 1 &amp; 2</b>	Thiamethoxam	153719-23-4	2934.10.00
<b>Annex I Parts 1 &amp; 2</b>	Thiobencarb	28249-77-6	2930.20.00
<b>Annex I Parts 1 &amp; 2</b>	Thiodicarb	59669-26-0	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Thiram	137-26-8	2930.30.00
<b>Annex I Parts 1 &amp; 2</b>	Tolyfluanid	731-27-1	2930.90.98
<b>Annex I Parts 1 &amp; 2</b>	Triasulfuron	82097-50-5	2935.90.90
<b>Annex I Parts 1 &amp; 2</b>	Triclosan	3380-34-5	2909.50.00
<b>Annex I Parts 1 &amp; 2</b>	Tricyclazole	41814-78-2	2934.99.90
<b>Annex I Parts 1 &amp; 2</b>	Trifluralin	1582-09-8	2921.43.00
<b>Annex I Parts 1 &amp; 2</b>	Tris (2-chloroethyl) phosphate	115-96-8	2919.90.00
<b>Annex I Parts 1 &amp; 2</b>	Vinclozolin	50471-44-8	2934.99.90
<b>Annex I Parts 1 &amp; 3</b>	Actinolite	77536-66-4	2524.90.00
<b>Annex I Parts 1 &amp; 3</b>	Alachlor	15972-60-8	2924.25.00
<b>Annex I Parts 1 &amp; 3</b>	Aldicarb	116-06-3	2930.80.00
<b>Annex I Parts 1 &amp; 3</b>	Amosite	12172-73-5	2524.90.00
<b>Annex I Parts 1 &amp; 3</b>	Anthophyllite	77536-67-5	2524.90.00
<b>Annex I Parts 1 &amp; 3</b>	Azinphos-methyl	86-50-0	2933.92.00
<b>Annex I Parts 1 &amp; 3</b>	Binapacryl	485-31-4	2916.16.00
<b>Annex I Parts 1 &amp; 3</b>	2-(butan-2-yl)-4,6-dinitrophenol; Dinoseb	88-85-7	2908.91.00
<b>Annex I Parts 1 &amp; 3</b>	Captafol	2425-06-1	2930.80.00
<b>Annex I Parts 1 &amp; 3</b>	Carbofuran	1563-66-2	2932.99.00
<b>Annex I Parts 1 &amp; 3</b>	Chlordimeform	6164-98-3	2925.21.00
<b>Annex I Parts 1 &amp; 3</b>	Chlorobenzilate	510-15-6	2918.18.00



<b>Annex I Parts 1 &amp; 3</b>	Crocidolite	12001-28-4	2524.10.00
<b>Annex I Parts 1 &amp; 3</b>	1,2-dibromoethane; EDB	106-93-4	2903.31.00
<b>Annex I Parts 1 &amp; 3</b>	Didecyldimethylammonium perfluorooctane sulfonate	251099-16-8	2923.40.00
<b>Annex I Parts 1 &amp; 3</b>	Diethanolammonium perfluorooctane sulfonate	70225-14-8	2922.16.00
<b>Annex I Parts 1 &amp; 3</b>	Dinitro-ortho-cresol; DNOC	534-52-1	2908.92.00
<b>Annex I Parts 1 &amp; 3</b>	Dinoseb-acetate	2813-95-8	2915.36.00
<b>Annex I Parts 1 &amp; 3</b>	Dinoseb-ammonium	6365-83-9	2908.91.00
<b>Annex I Parts 1 &amp; 3</b>	Dinoseb-sodium	35040-03-0	2908.91.00
<b>Annex I Parts 1 &amp; 3</b>	Dinoseb-trolamine	6420-47-9	2922.19.00
<b>Annex I Parts 1 &amp; 3</b>	DNOC-ammonium	2980-64-5	2908.92.00
<b>Annex I Parts 1 &amp; 3</b>	DNOC-potassium	5787-96-2	2908.92.00
<b>Annex I Parts 1 &amp; 3</b>	DNOC-sodium	2312-76-7	2908.92.00
<b>Annex I Parts 1 &amp; 3</b>	Ethylene dichloride; 1,2-dichloroethane	107-06-2	2903.15.00
<b>Annex I Parts 1 &amp; 3</b>	Ethylene oxide; oxirane	75-21-8	2910.10.00
<b>Annex I Parts 1 &amp; 3</b>	Fluoroacetamide	640-19-7	2924.12.00
<b>Annex I Parts 1 &amp; 3</b>	Methamidophos	10265-92-6	2930.80.00
<b>Annex I Parts 1 &amp; 3</b>	Monocrotophos	6923-22-4	2924.12.00
<b>Annex I Parts 1 &amp; 3</b>	Parathion	56-38-2	2920.11.00
<b>Annex I Parts 1 &amp; 3</b>	Pentachlorophenol	87-86-5	2908.11.00
<b>Annex I Parts 1 &amp; 3</b>	Perfluorooctane sulfonic acid	1763-23-1	2904.31.00
<b>Annex I Parts 1 &amp; 3</b>	Phorate	298-02-2	2930.90.98
<b>Annex I Parts 1 &amp; 3</b>	E-Phosphamidon	297-99-4	2924.12.00
<b>Annex I Parts 1 &amp; 3</b>	Z-Phosphamidon	23783-98-4	2924.12.00
<b>Annex I Parts 1 &amp; 3</b>	E/Z-Phosphamidon	13171-21-6	2924.12.00
<b>Annex I Parts 1 &amp; 3</b>	Polychlorinated terphenyl	61788-33-8	2903.99.80
<b>Annex I Parts 1 &amp; 3</b>	Tetraethyl lead	78-00-2	2931.10.00
<b>Annex I Parts 1 &amp; 3</b>	Tetramethyl lead	75-74-1	2931.10.00
<b>Annex I Parts 1 &amp; 3</b>	Tremolite	77536-68-6	2524.90.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin benzoate	4342-36-3	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin chloride	1461-22-9	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin fluoride	1983-10-4	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin linoleate	24124-25-2	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin methacrylate	2155-70-6	2931.20.00

<b>Annex I Parts 1 &amp; 3</b>	Tributyltin naphthenate	85409-17-2	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Tributyltin oxide	56-35-9	2931.20.00
<b>Annex I Parts 1 &amp; 3</b>	Trichlorfon	52-68-6	2931.39.90
<b>Annex I Parts 1 &amp; 3</b>	2,4,5-Trichlorophenoxyacetic acid; 2,4,5-T	93-76-5	2918.91.00
<b>Annex I Parts 1 &amp; 3</b>	tris-(2,3-dibromopropyl) phosphate	126-72-7	2919.10.00
<b>Annex V Part 1</b>	Aldrin	309-00-2	2903.82.00
<b>Annex V Part 1</b>	Chlordane	57-74-9	2903.82.00
<b>Annex V Part 1</b>	Chlordecone	205-601-3	2914.29.00
<b>Annex V Part 1</b>	Chloro-alkanes (C10-C13)	85535-84-8	3824.99.92
<b>Annex V Part 1</b>	Chloro-naphtalenes (mixture)	70776-03-3	3824.99.92
<b>Annex V Part 1</b>	Dieldrin	60-57-1	2910.40.00
<b>Annex V Part 1</b>	$\alpha$ -Endosulfan	959-98-8	2920.90.70
<b>Annex V Part 1</b>	Endosulfan	115-29-7	2920.30.00
<b>Annex V Part 1</b>	$\beta$ -Endosulfan	33213-65-9	2920.90.70
<b>Annex V Part 1</b>	Endrin	72-20-8	2910.50.00
<b>Annex V Part 1</b>	Heptabromodiphenyl ether	68928-80-3	2909.30.38
<b>Annex V Part 1</b>	Heptachlor	76-44-8	2903.82.00
<b>Annex V Part 1</b>	Hexabromobiphenyl	36355-01-8	2903.94.00
<b>Annex V Part 1</b>	1,2,5,6,9,10-hexabromocyclododecane	3194-55-6	2903.89.80
<b>Annex V Part 1</b>	$\beta$ -hexabromocyclododecane	134237-51-7	2903.89.80
<b>Annex V Part 1</b>	$\gamma$ -hexabromocyclododecane	134237-52-8	2903.89.80
<b>Annex V Part 1</b>	Hexabromocyclododecane	25637-99-4	2903.89.80
<b>Annex V Part 1</b>	$\alpha$ -hexabromocyclododecane	134237-50-6	2903.89.80
<b>Annex V Part 1</b>	Hexabromodiphenyl ether	36483-60-0	2909.30.38
<b>Annex V Part 1</b>	Hexachlorobenzene	118-74-1	2903.92.00
<b>Annex V Part 1</b>	Hexachlorobutadiene	87-68-3	2903.29.00
<b>Annex V Part 1</b>	1,2,3,4,5,6-hexachlorocyclohexane	608-73-1	2903.81.00
<b>Annex V Part 1</b>	Lindane	58-89-9	2903.81.00
<b>Annex V Part 1</b>	$\alpha$ -Lindane; $\alpha$ -hexachlorocyclohexane	319-84-6	2903.81.00
<b>Annex V Part 1</b>	$\beta$ -Lindane; $\beta$ -hexachlorocyclohexane	319-85-7	2903.81.00
<b>Annex V Part 1</b>	Mirex	2385-85-5	2903.83.00
<b>Annex V Part 1</b>	Pentabromodiphenyl ether (mixture of isomers)	32534-81-9	2909.30.31
<b>Annex V Part 1</b>	Pentachlorobenzene	608-93-5	2903.93.00

<b>Annex V Part 1</b>	Polychlorinated biphenyl	1336-36-3	2903.99.80
<b>Annex V Part 1</b>	Tetrabromodiphenyl ether	40088-47-9	2909.30.38
<b>Annex V Part 1</b>	Toxaphene (camphechlor)	8001-35-2	3808.59.00
<b>Annex V Part 1</b>	1,1,1-trichloro-2,2-bis (p-chlorophenyl) ethane; DDT	50-29-3	2903.92.00
<b>Annex V Part 2</b>	Ammonium perfluorooctane sulfonate	29081-56-9	2904.32.00
<b>Annex V Part 2</b>	Cinnabar ore	N/A	2617.90.00
<b>Annex V Part 2</b>	Dimercury dichloride; Hg <sub>2</sub> Cl <sub>2</sub>	10112-91-1	2852.10.00
<b>Annex V Part 2</b>	Dimercury diiodide; Hg <sub>2</sub> I <sub>2</sub>	15385-57-6	2852.10.00
<b>Annex V Part 2</b>	Dimercury sulphate; HgSO <sub>4</sub>	7783-36-0	2852.10.00
<b>Annex V Part 2</b>	Lithium perfluorooctane sulfonate	29457-72-5	2904.33.00
<b>Annex V Part 2</b>	Mercury	7439-97-6	Subhead. 2805.40
<b>Annex V Part 2</b>	Mercury (II) nitrate; Hg(NO <sub>3</sub> ) <sub>2</sub>	10045-94-0	2852.10.00
<b>Annex V Part 2</b>	Mercury (II) oxide; HgO	21908-53-2	2852.10.00
<b>Annex V Part 2</b>	Mercury dithiocyanate; Hg(SCN) <sub>2</sub>	592-85-8	2852.10.00
<b>Annex V Part 2</b>	Mercury sulphide; HgS	1344-48-5	2852.10.00
<b>Annex V Part 2</b>	Perfluorooctane sulfonyl fluoride	307-35-7	2904.36.00
<b>Annex V Part 2</b>	Potassium perfluorooctane sulfonate	2795-39-3	2904.34.00
<b>Annex V Part 2</b>	Tetraethylammonium perfluorooctane sulfonate	56773-42-3	2923.30.00

## 2.5 Anti-torture regulation

Torture means any act by which severe pain or suffering, whether physical or mental, is intentionally inflicted on a person for such purposes as obtaining from that person or from a third person information or a confession, punishing that person for an act that either that person or a third person has committed or is suspected of having committed, or intimidating or coercing that person or a third person, or for any reason based on discrimination of any kind, when such pain or suffering is inflicted either by or at the instigation of, or with the consent or acquiescence of, a public official or other person acting in an official capacity.

The EU regulation aimed to control the export of such items is the Regulation (EU) No 2019/125 <sup>(30)</sup> of the European Parliament and of the Council of 16 January 2019 concerning trade in certain goods which could be used for capital punishment, torture or other cruel, inhuman or degrading treatment or punishment, including chemicals which are listed below in the following table 8.

**Table 8.** Description of annexes

<b>Annex</b>	<b>Description</b>
Annex III	Annex III lists goods that have some practical use other than for the purpose of torture or other cruel, inhuman or degrading treatment or punishment Exports of any of the goods listed in Annex III of the Regulation generally require authorisation.
Annex IV	It specifies goods which could be used for the execution of human beings. An export authorisation is required for the goods listed in Annex IV of the Regulation.

In 2019 the Council of the EU published Guidelines <sup>(31)</sup> with the aim of providing practical guidance to EU institutions and Member States, that can be used in their engagement with third countries as well as in multilateral human rights fora, to support ongoing efforts to eradicate torture and other ill-treatment worldwide.

**Table 9.** Chemicals subject to the anti-torture regulation

<b>Reference</b>	<b>Chemical name</b>	<b>CAS number</b>	<b>CN code</b>
<b>Annex III</b>	Oleoresin capsicum; OC	8023-77-6	3301.90.30
<b>Annex III</b>	Pelargonic acid vanillylamide; PAVA	2444-46-4	2939.79.90
<b>Annex IV</b>	Amobarbital	57-43-2	2933.53.90
<b>Annex IV</b>	Amobarbital sodium salt	64-43-7	2933.53.90
<b>Annex IV</b>	Pentobarbital	76-74-4	2933.53.90
<b>Annex IV</b>	Pentobarbital sodium salt	57-33-0	2933.53.90
<b>Annex IV</b>	Secobarbital	76-73-3	2933.53.90
<b>Annex IV</b>	Secobarbital sodium salt	309-43-3	2933.53.90
<b>Annex IV</b>	Thiopental	76-75-5	2933.53.90

<sup>(30)</sup> Regulation (EU) No 2019/125 of the European Parliament and of the Council of 16 January 2019 concerning trade in certain goods which could be used for capital punishment, torture or other cruel, inhuman or degrading treatment or punishment <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02019R0125-20200527&qid=1610983638632>

<sup>(31)</sup> Guidelines on EU Policy Towards Third Countries on Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment – 2019 Revision. <https://www.consilium.europa.eu/media/40644/guidelines-st12107-en19.pdf>



## 2.6 Sanctions and embargoes

Restrictive measures (sanctions) are an essential tool in the EU's common foreign and security policy (CFSP), through which the EU can intervene where necessary to prevent conflict or respond to emerging or current crises. The EU has over forty different sanctions regimes in place. Some are mandated by the United Nations Security Council, whereas others are adopted autonomously by the EU, and some of them includes chemicals because it was evidenced that they were used in a chemical/nuclear weapons program, or in long range missiles program.

- **Syria:** Chemicals whose sale, supply, transfer or export to Syria is restricted were first listed in annexes to Council Regulation (EU) No 36/2012 <sup>(32)</sup>. Later on, there were relevant amendments like the (EU) No 509/2012 <sup>(33)</sup> and (EU) 697/2013 <sup>(34)</sup>. Annexes I, VI and IX to the consolidated version of the regulation (EU) No 36/2012 contain those chemicals subject to a prior authorisation for export, whereas there is a total ban for those chemicals included in control list to the dual-use regulation (see table 10)
- **Iran:** The consolidated version of the regulation (EU) No 2016/1375 <sup>(35)</sup> governs the export control of strategic items to Iran, some of which are chemicals (see table 11).
- **DPRK:** The consolidated version of the regulation (EU) No 2017/1509 <sup>(36)</sup> governs the export control of strategic items to the Democratic Popular Republic of Korea, some of which are chemicals (see table 12)

**Table 10.** Chemicals subject to the restrictive measures against Syria

Reference	Chemical name	CAS number	CN code
<b>I.C.A.001 (Syria)</b>	Ethylene dichloride; 1,2-dichloroethane	107-06-2	2903.15.00
<b>I.C.A.002 (Syria)</b>	Nitromethane	75-52-5	2904.20.00
<b>I.C.A.002 (Syria)</b>	Picric acid	88-89-1	2908.99.00
<b>I.C.A.003 (Syria)</b>	Aluminium chloride	7446-70-0	2827.32.00
<b>I.C.A.003 (Syria)</b>	Arsenic	7440-38-2	2804.80.00
<b>I.C.A.003 (Syria)</b>	Arsenic trioxide	1327-53-3	2811.29.10
<b>I.C.A.003 (Syria)</b>	Bis(2-chloroethyl)ethylamine hydrochloride	3590-07-6	2921.19.99

<sup>(32)</sup> Council Regulation (EU) No 36/2012 of 18 January 2012 concerning restrictive measures in view of the situation in Syria and repealing Regulation (EU) No 442/2011  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02012R0036-20201016>

<sup>(33)</sup> COUNCIL REGULATION (EU) No 509/2012 of 15 June 2012 amending Regulation (EU) No 36/2012 concerning restrictive measures in view of the situation in Syria.  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32012R0509>

<sup>(34)</sup> Council Regulation (EU) No 697/2013 of 22 July 2013 amending Regulation (EU) No 36/2012 concerning restrictive measures in view of the situation in Syria.  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32013R0697>

<sup>(35)</sup> Commission Implementing Regulation (EU) 2016/1375 of 29 July 2016 amending Council Regulation (EU) No 267/2012 concerning restrictive measures against Iran  
[https://eur-lex.europa.eu/eli/reg\\_impl/2016/1375/oj](https://eur-lex.europa.eu/eli/reg_impl/2016/1375/oj)

<sup>(36)</sup> Council Regulation (EU) 2017/1509 of 30 August 2017 concerning restrictive measures against the Democratic People's Republic of Korea and repealing Regulation (EC) No 329/2007.  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02017R1509-20200801&qid=1611046530086>

<b>I.C.A.003 (Syria)</b>	Bis(2-chloroethyl)methylamine hydrochloride	55-86-7	2921.19.99
<b>I.C.A.003 (Syria)</b>	Tris(2-chloroethyl)amine hydrochloride	817-09-4	2921.19.99
<b>IX.A1.001 (Syria)</b>	2-bromochloroethane	107-04-0	2903.79.30
<b>IX.A1.001 (Syria)</b>	Isocyanomethane	624-83-9	2929.10.00
<b>IX.A1.001 (Syria)</b>	Quinaldine	91-63-4	2933.49.90
<b>IX.A1.001 (Syria)</b>	Tributylphosphite	102-85-2	2920.29.00
<b>IX.A1.002 (Syria)</b>	Benzil	134-81-6	2914.39.00
<b>IX.A1.002 (Syria)</b>	Diethyl ether	60-29-7	2909.11.00
<b>IX.A1.002 (Syria)</b>	Dimethyl ether	115-10-6	2909.19.90
<b>IX.A1.002 (Syria)</b>	Dimethylaminoethanol	108-01-0	2922.19.00
<b>IX.A1.003 (Syria)</b>	Butyrylcholinesterase; BCHE	9001-08-5	3507.90.90
<b>IX.A1.003 (Syria)</b>	Dichloromethane	75-09-2	2903.12.00
<b>IX.A1.003 (Syria)</b>	Diethylenetriamine	111-40-0	2921.29.00
<b>IX.A1.003 (Syria)</b>	N,N-Dimethylaniline	121-69-7	2921.42.00
<b>IX.A1.003 (Syria)</b>	Ethyl bromide	74-96-4	2903.39.19
<b>IX.A1.003 (Syria)</b>	Ethyl chloride	75-00-3	2903.11.00
<b>IX.A1.003 (Syria)</b>	Ethylamine	75-04-7	2921.19.99
<b>IX.A1.003 (Syria)</b>	Hexamethylenetetramine; Hexamine	100-97-0	2933.69.40
<b>IX.A1.003 (Syria)</b>	Isopropyl bromide	75-26-3	2903.39.19
<b>IX.A1.003 (Syria)</b>	Isopropyl ether	108-20-3	2909.19.90
<b>IX.A1.003 (Syria)</b>	2-methoxyethanol	109-86-4	2909.44.00
<b>IX.A1.003 (Syria)</b>	Methyl bromide	74-83-9	2903.39.11
<b>IX.A1.003 (Syria)</b>	Methylamine	74-89-5	2921.11.00
<b>IX.A1.003 (Syria)</b>	Monoisopropylamine	75-31-0	2921.19.99
<b>IX.A1.003 (Syria)</b>	Obidoxime chloride	114-90-9	2933.39.99
<b>IX.A1.003 (Syria)</b>	Potassium bromide; KBr	7758-02-3	2827.51.00
<b>IX.A1.003 (Syria)</b>	Pyridine	110-86-1	2933.31.00
<b>IX.A1.003 (Syria)</b>	Pyridostigmine bromide	101-26-8	2933.39.10
<b>IX.A1.003 (Syria)</b>	Sodium bromide; NaBr	7647-15-6	2827.51.00
<b>IX.A1.003 (Syria)</b>	Sodium metal	7440-23-5	2805.11.00
<b>IX.A1.003 (Syria)</b>	Tributylamine	102-82-9	2921.19.99
<b>IX.A1.003 (Syria)</b>	Triethylamine	121-44-8	2921.19.99

<b>IX.A1.003 (Syria)</b>	Trimethylamine	75-50-3	2921.11.00
<b>IX.A1.004 (Syria)</b>	Acetone	67-64-1	2914.11.00
<b>IX.A1.004 (Syria)</b>	Acetylene	74-86-2	2901.29.00
<b>IX.A1.004 (Syria)</b>	Ammonia	7664-41-7	2814.10.00
<b>IX.A1.004 (Syria)</b>	Antimony	7440-36-0	Heading 8110
<b>IX.A1.004 (Syria)</b>	Benzaldehyde	100-52-7	2912.21.00
<b>IX.A1.004 (Syria)</b>	Benzoin	119-53-9	2914.40.90
<b>IX.A1.004 (Syria)</b>	1-butanol	71-36-3	2905.13.00
<b>IX.A1.004 (Syria)</b>	2-butanol	78-92-2	2905.14.90
<b>IX.A1.004 (Syria)</b>	Calcium carbide	75-20-7	2849.10.00
<b>IX.A1.004 (Syria)</b>	Carbon monoxide	630-08-0	2811.29.90
<b>IX.A1.004 (Syria)</b>	Chlorine	7782-50-5	2801.10.00
<b>IX.A1.004 (Syria)</b>	Cyclohexanol	108-93-0	2906.12.00
<b>IX.A1.004 (Syria)</b>	Dicyclohexylamine	101-83-7	2921.30.99
<b>IX.A1.004 (Syria)</b>	Ethanol	64-17-5	2207.10.00
<b>IX.A1.004 (Syria)</b>	Ethylene	74-85-1	2901.21.00
<b>IX.A1.004 (Syria)</b>	Ethylene oxide; oxirane	75-21-8	2910.10.00
<b>IX.A1.004 (Syria)</b>	Fluoroapatite	1306-05-4	2835.39.00
<b>IX.A1.004 (Syria)</b>	Hydrogen chloride	7647-01-0	2806.10.00
<b>IX.A1.004 (Syria)</b>	Hydrogen sulphide	7783-06-04	2811.19.80
<b>IX.A1.004 (Syria)</b>	Iso-butanol	78-83-1	2905.14.90
<b>IX.A1.004 (Syria)</b>	Isopropanol	67-63-0	2905.12.00
<b>IX.A1.004 (Syria)</b>	Mandelic acid	90-64-2	2918.19.98
<b>IX.A1.004 (Syria)</b>	Methanol	67-56-1	2905.11.00
<b>IX.A1.004 (Syria)</b>	Methyl chloride	74-87-3	2903.11.00
<b>IX.A1.004 (Syria)</b>	Methyl iodide	74-88-4	2903.39.80
<b>IX.A1.004 (Syria)</b>	Methyl mercaptan	74-93-1	2930.90.98
<b>IX.A1.004 (Syria)</b>	Monoethyleneglycol; MEG	107-21-1	2905.31.00
<b>IX.A1.004 (Syria)</b>	Oxalyl chloride	79-37-8	2917.19.80
<b>IX.A1.004 (Syria)</b>	Potassium sulphide; K <sub>2</sub> S	1312-73-8	2830.90.85
<b>IX.A1.004 (Syria)</b>	Potassium thiocyanate; KSCN	333-20-0	2842.90.80
<b>IX.A1.004 (Syria)</b>	Sodium hypochlorite	7681-52-9	2828.90.00
<b>IX.A1.004 (Syria)</b>	Sulphur	7704-34-9	2802.00.00



<b>IX.A1.004 (Syria)</b>	tert-butanol	75-65-0	2905.14.10
<b>IX.A1.004 (Syria)</b>	Thiophosphoryl chloride	3982-91-0	2853.90.90
<b>IX.A1.004 (Syria)</b>	Tri-isobutyl phosphite	1606-96-8	2920.29.00
<b>IX.A1.004 (Syria)</b>	White/yellow phosphorus	12185-10-3	2804.70.00
<b>VI.2.C.1 (Syria)</b>	Diethyleneglycol	111-46-6	2909.41.00
<b>VI.2.C.1 (Syria)</b>	Triethylene glycol	112-27-6	2909.49.80
<b>VI.2.C.2 (Syria)</b>	N-Methylpyrrolidone	872-50-4	2933.79.00
<b>VI.2.C.2 (Syria)</b>	Sulfolane	126-33-0	2934.99.90
<b>VI.2.C.5 (Syria)</b>	Ethyl tert-butyl ether; ETBE	637-92-3	2909.19.10
<b>VI.2.C.5 (Syria)</b>	Methyl tert-butyl ether; MTBE	1634-04-4	2909.19.90

**Table 11.** Chemicals subject to the restrictive measures against Iran

Reference	Chemical name	CAS number	CN code
Annex II (Iran)	Acetyl ferrocene	1271-55-2	2931.90.00
Annex II (Iran)	Allylhydrazine	7422-78-8	2928.00.90
Annex II (Iran)	Aluminium powder	7429-90-5	7603.10.00
Annex II (Iran)	Beryllium powder	7440-41-7	8112.12.00
Annex II (Iran)	Boron carbide powder, B <sub>4</sub> C	12069-32-8	2849.90.10
Annex II (Iran)	Boron powder	7440-42-8	2804.50.10
Annex II (Iran)	Butacene	125856-62-4	4002.20.00
Annex II (Iran)	n-Butyl ferrocene	31904-29-7	2931.90.00
Annex II (Iran)	Carboranes	N/A	2934.99.90
Annex II (Iran)	Carboxy-terminated polybutadiene; CTPB	N/A	4002.20.00
Annex II (Iran)	Catocene	37206-42-1	2931.90.00
Annex II (Iran)	Cubane	277-10-1	2902.19.00
Annex II (Iran)	Decaborane	17702-41-9	2850.00.20
Annex II (Iran)	1,1'-Diacetyl ferrocene	1273-94-5	2931.90.00
Annex II (Iran)	N,N-Diallylhydrazine	5164-11-4	2928.00.90
Annex II (Iran)	4,5-diazidomethyl-2-methyl-1,2,3-triazole; iso-DAMTR	N/A	2933.99.80
Annex II (Iran)	Dibutyl ferrocene	1274-08-4	2931.90.00
Annex II (Iran)	Dicyclohexyl ferrocene	N/A	2931.90.00
Annex II (Iran)	Dicyclopentyl ferrocene	125861-17-8	2931.90.00
Annex II (Iran)	Diethyl ferrocene	1273-97-8	2931.90.00
Annex II (Iran)	Diethylene glycol dinitrate; DEGDN	693-21-0	2920.90.70
Annex II (Iran)	1,1-Diethylhydrazine nitrate; DEHN	N/A	2928.00.90
Annex II (Iran)	1,2-Diethylhydrazine nitrate; DEHN	36453-17-2	2928.00.90
Annex II (Iran)	Dihexyl ferrocene	93894-59-8	2931.90.00
Annex II (Iran)	3,6-Dihydrazino tetrazine nitrate; DHTN	N/A	2933.99.80
Annex II (Iran)	Dihydrobenzvalene	287-12-7	2902.19.00
Annex II (Iran)	Diimido oxalic acid dihydrazine	3457-37-2	2928.00.90
Annex II (Iran)	1,2-dimethyladamantane	702-79-4	2902.19.00
Annex II (Iran)	1,2-Dimethylaminoethylazide; DMAZ	86147-04-8	2929.90.00
Annex II (Iran)	1,1-Dimethylhydrazinium azide	227955-52-4	2928.00.90

<b>Annex II (Iran)</b>	1,2-Dimethylhydrazinium azide	299177-50-7	2928.00.90
<b>Annex II (Iran)</b>	Dinitrogen pentoxide; N <sub>2</sub> O <sub>5</sub>	10102-03-1	2811.29.30
<b>Annex II (Iran)</b>	Dinitrogen tetroxide; N <sub>2</sub> O <sub>4</sub>	10544-72-6	2811.29.30
<b>Annex II (Iran)</b>	Dinitrogen trioxide; N <sub>2</sub> O <sub>3</sub>	10544-73-7	2811.29.30
<b>Annex II (Iran)</b>	Dipropyl ferrocene	N/A	2931.90.00
<b>Annex II (Iran)</b>	Ethyl ferrocene	1273-89-8	2931.90.00
<b>Annex II (Iran)</b>	Ethylene dihydrazine	N/A	2928.00.90
<b>Annex II (Iran)</b>	exo-tetrahydro-dicyclopentadiene	2825-82-3	2902.19.00
<b>Annex II (Iran)</b>	Ferrocene carboxylic acid	1271-42-7	2931.90.00
<b>Annex II (Iran)</b>	1,1'-Ferrocenedicarboxylic acid	1293-87-4	2931.90.00
<b>Annex II (Iran)</b>	Guanidine nitrate	506-93-4	2925.29.00
<b>Annex II (Iran)</b>	Hydrazinium azide	14546-44-2	2825.10.00
<b>Annex II (Iran)</b>	Hydrazinium dinitrate	13464-98-7	2825.10.00
<b>Annex II (Iran)</b>	Hydrazinium diperchlorate	13812-39-0	2825.10.00
<b>Annex II (Iran)</b>	Hydrazinium perchlorate	27978-54-7	2825.10.00
<b>Annex II (Iran)</b>	2-hydroxyethylhydrazine nitrate; HEHN	N/A	2928.00.90
<b>Annex II (Iran)</b>	Hydroxyl terminated polybutadiene; HTPB	69102-90-5	4002.20.00
<b>Annex II (Iran)</b>	Inhibited red fuming nitric acid; IRFNA	8007-58-7	2808.00.00
<b>Annex II (Iran)</b>	Iso-propyl ferrocene	12126-81-7	2931.90.00
<b>Annex II (Iran)</b>	Magnesium powder	7439-95-4	8104.30.00
<b>Annex II (Iran)</b>	Methylhydrazine nitrate	29674-96-2	2928.00.90
<b>Annex II (Iran)</b>	Mixed oxydes of nitrgen; MON <sub>x</sub>	N/A	3824.99.96
<b>Annex II (Iran)</b>	Monomethylhydrazine dinitrate	N/A	2928.00.90
<b>Annex II (Iran)</b>	2-Nitrodiphenylamine	119-75-5	2921.44.00
<b>Annex II (Iran)</b>	Nitrogen dioxide; NO <sub>2</sub>	10102-44-0	2811.29.30
<b>Annex II (Iran)</b>	Nitrogen trifluoride; NF <sub>3</sub>	7783-54-2	2812.90.00
<b>Annex II (Iran)</b>	Nitroguanidine	556-88-7	2929.90.00
<b>Annex II (Iran)</b>	Pentaborane-11; B <sub>5</sub> H <sub>11</sub>	18433-84-6	2850.00.20
<b>Annex II (Iran)</b>	Pentaborane-9; B <sub>5</sub> H <sub>9</sub>	19624-22-7	2850.00.20
<b>Annex II (Iran)</b>	Pentyl ferrocene	1274-00-6	2931.90.00
<b>Annex II (Iran)</b>	Perchloryl trifluoride; ClOF <sub>3</sub>	7616-94-6	2812.90.00
<b>Annex II (Iran)</b>	Perhydro-dinorbornadiene	66289-74-5	2902.19.00
<b>Annex II (Iran)</b>	Polybutadiene-acrylic acid; PBAA	N/A	4002.99.90

<b>Annex II (Iran)</b>	Polybutadiene-acrylic acid-acrylonitrile; PBAN	N/A	4002.99.90
<b>Annex II (Iran)</b>	Polyglycidynitrate; Poly-GLYN or PGN	27814-48-8	Heading 3907
<b>Annex II (Iran)</b>	Polytetrahydrofuran polyethylene glycol; TPEG	N/A	3907.20.20
<b>Annex II (Iran)</b>	n-Propyl ferrocene	1273-92-3	2931.90.00
<b>Annex II (Iran)</b>	Quadricyclane	278-06-8	2902.19.00
<b>Annex II (Iran)</b>	Tetramethylhydrazine	6415-12-9	2928.00.90
<b>Annex II (Iran)</b>	Tricyclo[2.2.1.0(2,6)]heptane	279-19-6	2902.19.00
<b>Annex II (Iran)</b>	Triethylene glycol dinitrate; TEGDN	111-22-8	2920.90.70
<b>Annex II (Iran)</b>	Trimethylhydrazine	1741-01-1	2928.00.90
<b>Annex II (Iran)</b>	Trimethylolethane trinitrate; TMETN	3032-55-1	2920.90.70
<b>Annex II (Iran)</b>	Unsymmetrical dimethylhydrazine nitrate	N/A	2928.00.90
<b>Annex II (Iran)</b>	Zirconium powder	7440-67-7	8109.20.00
<b>II.A1.001 (Iran)</b>	Bis(2-ethylhexyl) phosphoric acid	298-07-7	2919.90.00
<b>II.A1.002 (Iran)</b>	Fluorine; F <sub>2</sub>	7782-41-4	2801.30.10
<b>II.A1.015 (Iran)</b>	Tributyl phosphate; TBP	126-73-8	2919.90.00

**Table 12.** Chemicals subject to the restrictive measures against DPRK

<b>Reference</b>	<b>Chemical name</b>	<b>CAS number</b>	<b>CN code</b>
<b>II.A1.001 (DPRK)</b>	(2-ethylhexyl) phosphoric acid; HDEHP	298-07-7	2919.90.00
<b>II.A1.002 (DPRK)</b>	Fluorine; F <sub>2</sub>	7782-41-4	2801.30.10
<b>II.A1.015 (DPRK)</b>	Tributyl phosphate; TBP	126-73-8	2919.90.00
<b>VI.A1.006 (DPRK)</b>	Diethyl adipate; DOA	123-79-5	2917.12.00
<b>VI.A1.006 (DPRK)</b>	Diethyl azelate; DOZ	103-24-2	2917.13.90
<b>VI.A1.006 (DPRK)</b>	Diethyl sebacate; DOS	122-62-3	2917.13.90
<b>VI.A1.010 (DPRK)</b>	Diethylenetriamine	111-40-0	2921.29.00
<b>VI.A1.011 (DPRK)</b>	Butyrylcholinesterase; BCHE	9001-08-5	3507.90.90
<b>VI.A1.011 (DPRK)</b>	Obidoxime chloride	114-90-9	2933.39.99
<b>VI.A1.011 (DPRK)</b>	Pyridostigmine bromide	101-26-8	2933.39.10

## 2.7 Explosives precursors

Since 2014, EU-wide rules on the marketing and use of explosives precursors were in place under Regulation (EU) No 2019/1148 <sup>(37)</sup>. However, the threat from homemade explosives remained high and continued to evolve. It was therefore necessary to further strengthen and harmonise the system for preventing the illicit manufacture of homemade explosives. Regulation (EU) No 2019/1148 <sup>(38)</sup> of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors was thus adopted, repealing Regulation (EU) No 2019/1148 with effect from 1 February 2021.

Although export controls are not explicitly mentioned in this regulation, it is restricted the access to, and the use of explosives precursors by, members of the general public. Notwithstanding that restriction, Member States were, however, able to decide to grant members of the general public access to those substances through a system of licences and registration.

The European Commission has developed guidelines <sup>(39)</sup> intended to assist Member States' national authorities, economic operators, and online marketplaces in the application of Regulation.

The regulation establishes two type of explosive precursors, those included in the Annex I and others in Annex II (see table 13 below).

**Table 13.** Description of the annexes to the Regulation (EU) No 2019/1148

<b>Annex</b>	<b>Description</b>
Annex I	Substances which shall not be made available to members of the general public on their own, or in mixtures or substances including them, except if the concentration is equal to or lower than the limit values set out below
Annex II	Substances on their own or in mixtures or in substances for which suspicious transactions shall be reported

**Table 14.** Chemicals subject to the regulation on explosive precursors

<b>Reference</b>	<b>Chemical name</b>	<b>CAS number</b>	<b>CN code</b>
<b>Annex I</b>	Ammonium nitrate; NH <sub>4</sub> NO <sub>3</sub>	6484-52-2	Subheading 3102.30
<b>Annex I</b>	Hydrogen peroxide; H <sub>2</sub> O <sub>2</sub>	7722-84-1	2847.00.00
<b>Annex I</b>	Nitric acid; HNO <sub>3</sub>	7697-37-2	2808.00.00
<b>Annex I</b>	Nitromethane	75-52-5	2904.20.00
<b>Annex I</b>	Potassium chlorate; KClO <sub>3</sub>	3811-04-9	2829.19.00
<b>Annex I</b>	Potassium perchlorate; KClO <sub>4</sub>	7778-74-7	2829.90.10

<sup>(37)</sup> REGULATION (EU) No OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 January 2013 on the marketing and use of explosives precursors.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02013R0098-20170301>

<sup>(38)</sup> Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32019R1148>

<sup>(39)</sup> COMMISSION NOTICE Guidelines for the implementation of Regulation (EU) 2019/1148 on the marketing and use of explosives precursors (2020/C 210/01)

[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XC0624\(01\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XC0624(01))

<b>Annex I</b>	Sodium chlorate; NaClO <sub>3</sub>	7775-09-9	2829.11.00
<b>Annex I</b>	Sodium perchlorate; NaClO <sub>4</sub>	7601-89-0	2829.90.10
<b>Annex I</b>	Sulphuric acid; H <sub>2</sub> SO <sub>4</sub>	7664-93-9	2807.00.00
<b>Annex II</b>	Acetone	67-64-1	2914.11.00
<b>Annex II</b>	Aluminium powder	7429-90-5	7603.10.00
<b>Annex II</b>	Calcium ammonium nitrate	15245-12-2	3102.60.00
<b>Annex II</b>	Calcium nitrate; Ca(NO <sub>3</sub> ) <sub>2</sub>	10124-37-5	2834.29.80
<b>Annex II</b>	Hexamethylenetetramine; Hexamine	100-97-0	2933.69.40
<b>Annex II</b>	Magnesium nitrate hexahydrate; Mg(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	13446-18-9	2834.29.80
<b>Annex II</b>	Magnesium powder	7439-95-4	8104.30.00
<b>Annex II</b>	Potassium nitrate; KNO <sub>3</sub>	7757-79-1	2834.21.00
<b>Annex II</b>	Sodium nitrate; NaNO <sub>3</sub>	7631-99-4	3102.50.00

## 2.8 Psychotropic and narcotic precursors (drug precursors)

The United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances adopted in Vienna on 19 December 1988 is part of the worldwide effort to combat illegal drugs.

In the EU the implementation of the UN convention is governed by the regulation (EC) No 111/2005 <sup>(40)</sup> and its amendments, which lays down rules for the monitoring of trade between the Union and third countries in certain substances frequently used for the illicit manufacture of narcotic drugs and psychotropic substances (drug precursors) for the purpose of preventing the diversion of such substances.

Recently, new chemical precursors have been added in the annexes of this regulation, by means the amendment (EU) No 2020/1737 <sup>(41)</sup>.

Drug precursors are scheduled in three categories as follows:

**Table 15.** Description of the annexes to the Regulation (EC) No 111/2005

Annex	Description
Category 1	It covers the most sensitive substances, from which illicit drugs can be produced most easily. Exports involving scheduled substances listed in Category 1 of the Annex, shall hold an export licence and also submit a pre-export notification to the competent authority.
Category 2	It covers less sensitive substances. Exports involving scheduled substances listed in Category 2 of the Annex, require a registration from EU authorities and, for certain destinations, require to submit a pre-export notification to the competent authority.
Category 3	It covers bulk chemicals that can have different types of uses in the manufacturing process. Exports involving scheduled substances listed in Category 3 of the Annex, require a registration from EU authorities and, for certain destinations, require to submit a pre-export notification to the competent authority.

**Table 16.** Chemicals subject to the regulation on drug precursors

Reference	Chemical name	CAS number	CN code
<b>Cat. 1 (drug precursor)</b>	N-Acetylanthranilic acid	89-52-1	2924.23.00
<b>Cat. 1 (drug precursor)</b>	Alpha-phenylacetoacetamide; APAA	4433-77-6	2924.29.70
<b>Cat. 1 (drug precursor)</b>	Alpha-phenylacetoacetonitrile; APAAN	4468-48-8	2926.40.00
<b>Cat. 1 (drug precursor)</b>	4-Anilino-N-phenethylpiperidine; ANPP	21409-26-7	2933.39.99
<b>Cat. 1 (drug precursor)</b>	(1S,2R)-(+)-chloroephedrine	1384199-95-4	2939.79.90
<b>Cat. 1 (drug precursor)</b>	(1R,2S)-(-)-chloroephedrine	110925-64-9	2939.79.90

<sup>(40)</sup> Council Regulation (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Union and third countries in drug precursors

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02005R0111-20210113&qid=1610958098123>

<sup>(41)</sup> Commission Delegated Regulation (EU) No 2020/1737 of 14 July 2020 amending Regulation (EC) No 273/2004 of the European Parliament and of the Council and Council Regulation (EC) No 111/2005 as regards the inclusion of certain drug precursors in the list of scheduled substances. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32020R1737>



<b>Cat. 1 (drug precursor)</b>	(1R,2R)-(-)-chlorpseudoephedrine	771434-80-1	2939.79.90
<b>Cat. 1 (drug precursor)</b>	(1S,2S)-(+)-chlorpseudoephedrine	73393-61-0	2939.79.90
<b>Cat. 1 (drug precursor)</b>	Ephedrine	299-42-3	2939.41.00
<b>Cat. 1 (drug precursor)</b>	Ergometrine	60-79-7	2939.61.00
<b>Cat. 1 (drug precursor)</b>	Ergotamine	113-15-5	2939.62.00
<b>Cat. 1 (drug precursor)</b>	Isosafrole	120-58-1	2932.91.00
<b>Cat. 1 (drug precursor)</b>	Lysergic acid	82-58-6	2939.63.00
<b>Cat. 1 (drug precursor)</b>	3,4-Methylenedioxyphenyl-2-propanone; MDP2P	4676-39-5	2932.92.00
<b>Cat. 1 (drug precursor)</b>	Norephedrine	14838-15-4	2939.44.00
<b>Cat. 1 (drug precursor)</b>	Methyl alpha-phenylacetoacetate; MAPA	16648-44-5	2918.30.00
<b>Cat. 1 (drug precursor)</b>	Methyl 2-methyl-3-phenyloxirane-2- carboxylate	80532-66-7	2918.99.90
<b>Cat. 1 (drug precursor)</b>	2-methyl-3-phenyloxirane-2- carboxylic acid	25547-51-7	2918.99.90
<b>Cat. 1 (drug precursor)</b>	N-Phenethyl-4-piperidone; NPP	39742-60-4	2933.39.99
<b>Cat. 1 (drug precursor)</b>	1-Phenyl-2-propanone	103-79-7	2914.31.00
<b>Cat. 1 (drug precursor)</b>	Piperonal	120-57-0	2932.93.00
<b>Cat. 1 (drug precursor)</b>	PMK methyl glycidate	13605-48-6	2932.99.00
<b>Cat. 1 (drug precursor)</b>	PMK glycidic acid	2167189-50-4	2932.99.00
<b>Cat. 1 (drug precursor)</b>	Pseudoephedrine	90-82-4	2939.42.00
<b>Cat. 1 (drug precursor)</b>	Safrole	94-59-7	2932.94.00
<b>Cat. 2 (drug precursor)</b>	Acetic anhydride	108-24-7	2915.24.00
<b>Cat. 2 (drug precursor)</b>	Anthranilic acid	118-92-3	2922.43.00
<b>Cat. 2 (drug precursor)</b>	Phenylacetic acid	103-82-2	2916.34.00
<b>Cat. 2 (drug precursor)</b>	Piperidine	110-89-4	2933.32.00
<b>Cat. 2 (drug precursor)</b>	Potassium permanganate	7722-64-7	2841.61.00
<b>Cat. 2 (drug precursor)</b>	Red phosphorus	7723-14-0	2824.70.00
<b>Cat. 3 (drug precursor)</b>	Acetone	67-64-1	2914.11.00
<b>Cat. 3 (drug precursor)</b>	Diethyl ether	60-29-7	2909.11.00
<b>Cat. 3 (drug precursor)</b>	Hydrogen chloride	7647-01-0	2806.10.00
<b>Cat. 3 (drug precursor)</b>	Methyl ethyl ketone; MEK	78-93-3	2914.12.00
<b>Cat. 3 (drug precursor)</b>	Toluene	108-88-3	2902.30.00
<b>Cat. 3 (drug precursor)</b>	Sulphuric acid; H <sub>2</sub> SO <sub>4</sub>	7664-93-9	2807.00.00





### 3 Chemicals arranged by name

Chemical name	CAS number	CN code	Reference / code	Regulation
<b>Acephate</b>	30560-19-1	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Acetic anhydride</b>	108-24-7	2915.24.00	Cat. 2 (drug precursor)	(EC) 111/2005
<b>Acetochlor</b>	34256-82-1	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Acetone</b>	67-64-1	2914.11.00	Cat. 3 (drug precursor)	(EC) 111/2005
			IX.A1.004 (Syria)	(EU) 36/2012
			Annex II (explosives)	(EU) 2019/1148
<b>Acetyl ferrocene</b>	1271-55-2	2931.90.00	ML8.f.4.o	2008/944/CFSP
			1C111.c.6.l	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>N-Acetylthranilic acid</b>	89-52-1	2924.23.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Acetylene</b>	74-86-2	2901.29.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Acifluorfen</b>	50594-66-6	2918.99.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Actinium-225; <sup>225</sup>Ac</b>	14265-85-1	2844.40.80	1C236	(EC) 428/2009
<b>Actinium-227; <sup>227</sup>Ac</b>	14952-40-0	2844.40.80	1C236	(EC) 428/2009
<b>Actinolite</b>	77536-66-4	2524.90.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Aflatoxin B1</b>	1162-65-8	3002.90.90	1C351.d.11	(EC) 428/2009
<b>Aflatoxin B2</b>	7220-81-7	2932.20.90	1C351.d.11	(EC) 428/2009
<b>Aflatoxin G1</b>	1165-39-5	3002.90.90	1C351.d.11	(EC) 428/2009
<b>Aflatoxin M1</b>	6795-23-9	3002.90.90	1C351.d.11	(EC) 428/2009
<b>Agent Orange</b>	39277-47-9	3808.59.00	ML7.b.4.b	2008/944/CFSP
<b>Alachlor</b>	15972-60-8	2924.25.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Aldicarb</b>	116-06-3	2930.80.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Aldrin</b>	309-00-2	2903.82.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Allylhydrazine</b>	7422-78-8	2928.00.90	1C111.a.4.d	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Alpha-phenylacetoacetonitrile; APAAN</b>	4468-48-8	2926.40.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Alpha-phenylacetoacetamide; APAA</b>	4433-77-6	2924.29.70	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Aluminium chloride</b>	7446-70-0	2827.32.00	I.C.A.003 (Syria)	(EU) 36/2012
<b>Aluminium hydride; alane</b>	7784-21-6	2850.00.20	ML8.c.2	2008/944/CFSP

Chemical name	CAS number	CN code	Reference	Regulation
<b>Aluminium methyl methylphosphonate</b>	35851-62-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Aluminium methyl propylphosphonate</b>	114076-21-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Aluminium oxide; Al<sub>2</sub>O<sub>3</sub></b>	1344-28-1	2818.20.00	0C005	(EC) 428/2009
<b>Aluminium powder</b>	7429-90-5	7603.10.00	ML8.c.8	2008/944/CFSP
			1C111.a.1	(EC) 428/2009
			Annex II (explosives)	(EU) 2019/1148
			Annex II (Iran)	(EU) 2016/1375
<b>Aluminium tristearate; octal</b>	637-12-7	2915.70.50	ML8.c.6	2008/944/CFSP
<b>Ametryn</b>	834-12-8	2933.69.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>4-amino-3,5-dihydrazino-1,2,4-triazole dinitramide; ADHTDN</b>	1614-08-0	2933.99.80	ML8.a.32.b	2008/944/CFSP
<b>7-amino-4,6-dinitrobenzofurazane-1-oxid; ADNBF</b>	97096-78-1	2934.99.90	ML8.a.1	2008/944/CFSP
<b>1-amino-3,5-dinitro-1,2,4-triazole; ADNT</b>	N/A	2933.99.80	ML8.a.32.c	2008/944/CFSP
<b>4-aminobiphenyl</b>	92-67-1	2921.49.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>4-aminobiphenyl hydrochloride</b>	2113-61-3	2921.49.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Amitraz</b>	33089-61-1	2925.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Amitrole</b>	61-82-5	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Ammonia</b>	7664-41-7	2814.10.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Ammonium dinitramide; ADN</b>	140456-78-6	2853.90.90	ML8.d.1	2008/944/CFSP
<b>Ammonium hydrogen fluoride; NH<sub>4</sub>HF<sub>2</sub></b>	1341-49-7	2826.19.10	1C350.42	(EC) 428/2009
<b>Ammonium nitrate; NH<sub>4</sub>NO<sub>3</sub></b>	6484-52-2	Subhed. 3102.30	Annex II (explosives)	(EU) 2019/1148
<b>Ammonium perchlorate; AP</b>	7790-98-9	2829.90.10	ML8.d.2	2008/944/CFSP
<b>Ammonium perfluorooctane sulfonate</b>	29081-56-9	2904.32.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Amobarbital</b>	57-43-2	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Amobarbital sodium salt</b>	64-43-7	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Amosite</b>	12172-73-5	2524.90.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>4-Anilino-N-phenethylpiperidine; ANPP</b>	21409-26-7	2933.39.99	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Anthophyllite</b>	77536-67-5	2524.90.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Anthracene oil</b>	90640-80-5	2707.99.20	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Anthranilic acid</b>	118-92-3	2922.43.00	Cat. 2 (drug precursor)	(EC) 111/2005
<b>Anthraquinone</b>	84-65-1	2914.61.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Antimony</b>	7440-36-0	8110 (heading)	IX.A1.004 (Syria)	(EU) 36/2012
<b>Arsenic</b>	7440-38-2	2804.80.00	I.C.A.003 (Syria)	(EU) 36/2012
			Annex I Part 1	(EU) 649/2012 (PIC)
<b>Arsenic trichloride; AsCl<sub>3</sub></b>	7784-34-1	2812.19.90	1C350.31	(EC) 428/2009
			2B07	CWC Schedule 2
			Annex I Part 1	(EU) 649/2012 (PIC)
<b>Arsenic trioxide</b>	1327-53-3	2811.29.10	I.C.A.003 (Syria)	(EU) 36/2012
			Annex I Part 1	(EU) 649/2012 (PIC)
<b>Asulam</b>	3337-71-1	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Atrazine</b>	1912-24-9	2933.69.10	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>5-Azido-2-nitrotriazole</b>	53566-50-0	2933.99.80	ML8.a.32.a	2008/944/CFSP
<b>Azidomethylmethyloxetane; AMMO</b>	90683-29-7	2932.99.00	ML8.e.1	2008/944/CFSP
<b>Azinphos-ethyl</b>	2642-71-9	2933.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Azinphos-methyl</b>	86-50-0	2933.92.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Azocyclotin</b>	41083-11-8	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Basic copper salicylate</b>	62320-94-9	2918.21.00	ML8.f.1	2008/944/CFSP
<b>Benfuracarb</b>	82560-54-1	2932.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Bensultap</b>	17606-31-4	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Benzaldehyde</b>	100-52-7	2912.21.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Benzene crude</b>	71-43-2	2707.10.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Benzene pure</b>	71-43-2	2902.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Benzidine</b>	92-87-5	2921.59.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Benzidine acetate</b>	36341-27-2	2921.59.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Benzidine hydrochloride</b>	531-85-1	2921.59.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Benzidine sulphate</b>	536-86-2	2921.59.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Benzil</b>	134-81-6	2914.39.00	IX.A1.002 (Syria)	(EU) 36/2012
<b>Benzilic acid</b>	76-93-7	2918.17.00	1C350.32	(EC) 428/2009
			2B08	CWC Schedule 2
<b>Benzoin</b>	119-53-9	2914.40.90	IX.A1.004 (Syria)	(EU) 36/2012
<b>Benzyl butyl phthalate</b>	85-68-7	2917.34.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Beryllium carbonate; BeCO<sub>3</sub></b>	13106-47-3	2836.99.17	1C230	(EC) 428/2009
<b>Beryllium chloride; BeCl<sub>2</sub></b>	7787-47-5	2827.39.85	1C230	(EC) 428/2009
<b>Beryllium fluoride; BeF<sub>2</sub></b>	7787-49-7	2826.19.90	1C230	(EC) 428/2009

Chemical name	CAS number	CN code	Reference	Regulation
<b>Beryllium hydroxide; Be(OH)<sub>2</sub></b>	13327-32-7	2825.90.20	1C230	(EC) 428/2009
<b>Beryllium nitrate; Be(NO<sub>3</sub>)<sub>2</sub></b>	13597-99-4	2834.29.20	1C230	(EC) 428/2009
<b>Beryllium oxide; BeO</b>	1304-56-9	2825.90.20	1C230	(EC) 428/2009
<b>Beryllium phosphate; Be<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub></b>	13598-15-7	2835.29.90	1C230	(EC) 428/2009
<b>Beryllium powder</b>	7440-41-7	8112.12.00	ML8.c.5.a.1	2008/944/CFSP
			1C111.a.2.a.2	(EC) 428/2009
			1C230	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Beryllium sulphate anhydrous; BeSO<sub>4</sub></b>	13510-49-1	2833.29.80	1C230	(EC) 428/2009
<b>Beryllium sulphate tetrahydrate; BeSO<sub>4</sub>·4H<sub>2</sub>O</b>	7787-56-6	2833.29.80	1C230	(EC) 428/2009
<b>Beta-cypermethrin</b>	65731-84-2	2926.90.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Binapacryl</b>	485-31-4	2916.16.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Bis-(2-fluoro-2,2-dinitroethyl) formal; FEFO</b>	17003-79-1	2911.00.00	ML8.e.8	2008/944/CFSP
<b>Bis-(2-hydroxyethyl) glycolamide; BHEGA</b>	17409-41-5	2924.19.00	ML8.f.2	2008/944/CFSP
<b>Bis-(2-chloroethyl) methylamine; HN2</b>	51-75-2	2921.19.99	ML7.b.2.c.2	2008/944/CFSP
			1A06	CWC Schedule 1
<b>[bis-dinitrotriazole]amine; BDNTA</b>	N/A	2933.99.80	ML8.a.32.d	2008/944/CFSP
<b>1,4-Bis (2-chloroethylthio)-n-butane; Sulphur mustard</b>	142868-93-7	2930.90.98	ML7.b.2.a.6	2008/944/CFSP
			1A04	CWC Schedule 1
<b>1,5-Bis (2-chloroethylthio)-n-pentane; Sulphur mustard</b>	142868-94-8	2930.90.98	ML7.b.2.a.7	2008/944/CFSP
			1A04	CWC Schedule 1
<b>1,2-Bis (2-chloroethylthio)ethane; Sulphur mustard</b>	3563-36-8	2930.90.98	ML7.b.2.a.4	2008/944/CFSP
			1A04	CWC Schedule 1
<b>Bis (2-chlorovinyl) chloroarsine; Lewisite 3</b>	40334-69-8	2931.90.00	ML7.b.2.b.3	2008/944/CFSP
			1A05	CWC Schedule 1
<b>Bis (2-chloroethyl) sulphide; Sulphur mustard</b>	505-60-2	2930.90.98	ML7.b.2.a.2	2008/944/CFSP
			1A04	CWC Schedule 1
<b>Bis (2-chloroethylthio) methane; Sulphur mustard</b>	63869-13-6	2930.90.98	ML7.b.2.a.3	2008/944/CFSP
			1A04	CWC Schedule 1
<b>1,3-Bis (2-chloroethylthio)-n-propane; Sulphur mustard</b>	63905-10-2	2930.90.98	ML7.b.2.a.5	2008/944/CFSP
			1A04	CWC Schedule 1
<b>Bis (2-chloroethylthioethyl) ether; Sulphur mustard</b>	63918-89-8	2930.90.98	ML7.b.2.a.9	2008/944/CFSP
			1A04	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Bis (2-chloroethylthiomethyl) ether; Sulphur mustard</b>	63918-90-1	2930.90.98	ML7.b.2.a.8	2008/944/CFSP
			1A04	CWC Schedule 1
<b>Bis (2,2-dinitropropyl)acetal; BDNPA</b>	5108-69-0	2911.00.00	ML8.e.3	2008/944/CFSP
<b>Bis (2,2-dinitropropyl)formal; BDNPF</b>	5917-61-3	2911.00.00	ML8.e.4	2008/944/CFSP
<b>Bis(1-methylpentyl) methylphosphonate</b>	1020119-28-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1-methylethyl) methylphosphonate</b>	1445-75-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1-methylbutyl) methylphosphonate</b>	460091-25-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1-ethylpropyl) methylphosphonate</b>	5828-67-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1-methylheptyl) methylphosphonate</b>	76341-63-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1,2,2-trimethylpropyl) ethylphosphonate</b>	169739-48-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1,2,2-trimethylpropyl) propylphosphonate</b>	192438-31-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1,2,2-trimethylpropyl) methylphosphonate</b>	7040-58-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(1,3-dimethylbutyl) methylphosphonate</b>	959028-09-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(2-chloroethyl)ethylamine hydrochloride</b>	3590-07-6	2921.19.99	I.C.A.003 (Syria)	(EU) 36/2012
<b>Bis(2-methoxyethyl) methylphosphonate</b>	6069-09-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(2-methoxyethyl) ethylphosphonate</b>	170275-34-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(2-chloroethyl) methylphosphonate</b>	2799-58-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis(2-ethylhexyl) phosphoric acid</b>	298-07-7	2919.90.00	II.A1.001 (Iran)	(EU) 2016/1375
<b>Bis(2-chloroethyl)ethylamine; HN1</b>	538-07-8	2921.19.99	ML7.b.2.c.1	2008/944/CFSP
			1A06	CWC Schedule 1
<b>Bis(2-chloroethyl)methylamine hydrochloride</b>	55-86-7	2921.19.99	I.C.A.003 (Syria)	(EU) 36/2012



Chemical name	CAS number	CN code	Reference	Regulation
<b>Bis(2-ethylhexyl) methylphosphonate</b>	60556-68-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>bis(2-methyl aziridinyl); BOBBA 8</b>	N/A	2933.99.80	ML8.f.11	2008/944/CFSP
<b>Bis(2,2,2-trinitroethyl)-nitramine; BTNEN</b>	19836-28-3	2929.90.00	ML8.a.40	2008/944/CFSP
<b>Bis(2,2,2-trinitroethyl)-3,6-diaminotetrazine; BTAT</b>	N/A	2933.99.80	ML8.a.38.a	2008/944/CFSP
<b>3,3-bis(azidomethyl)oxetane; BAMO</b>	17607-20-4	2932.99.00	ML8.e.2	2008/944/CFSP
<b>3,3-bis(chloromethyl)oxetane; BCMO</b>	78-71-7	2932.99.00	ML8.g.1	2008/944/CFSP
<b>2,6-Bis(picrylamino)-3,5-dinitropyridine; PYX</b>	38082-89-2	2933.39.99	ML8.a.20	2008/944/CFSP
<b>Bis(polyoxyethylene) methylphosphonate</b>	363626-50-0	Subheading 3907.20	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Bis[(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate</b>	42595-45-9	2931.37.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1,10-Bis[N-(3-dimethylcarbamoy-<math>\alpha</math>-picolyl)-N-ethyl-N-methylammonio] decane-2,9-dione dibromide</b>	77104-00-8	2933.39.99	1A16	CWC Schedule 1
<b>Bismuth</b>	7440-69-9	Subheading 8106.00	1C229	(EC) 428/2009
<b>Bitertanol</b>	55179-31-2	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Boranylidene methylphosphanium</b>	14975-23-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Boron-10; <sup>10</sup>B</b>	14798-12-0	2845.90.90	1C225	(EC) 428/2009
<b>Boron carbide powder; B<sub>4</sub>C</b>	12069-32-8	2849.90.10	ML8.c.5.b.2	2008/944/CFSP
			1C011.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Boron powder</b>	7440-42-8	2804.50.10	ML8.c.5.b.2	2008/944/CFSP
			1C011.b	(EC) 428/2009
			1C111.a.2.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b><math>\alpha</math>-Bromobenzeneacetonitrile; CA</b>	5798-79-8	2926.90.70	ML7.d.1	2008/944/CFSP
<b>2-bromochloroethane</b>	107-04-0	2903.79.30	IX.A1.001 (Syria)	(EU) 36/2012
<b>Butacene</b>	125856-62-4	4002.20.00	ML8.f.4.a	2008/944/CFSP
			1C111.c.6.n	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>2-(butan-2-yl)-4,6-dinitrophenol; Dinoseb</b>	88-85-7	2908.91.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Butanetrioltrinitrate; BTTN</b>	6659-60-5	2920.90.70	ML8.e.5	2008/944/CFSP

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-butanol</b>	71-36-3	2905.13.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>2-butanol</b>	78-92-2	2905.14.90	IX.A1.004 (Syria)	(EU) 36/2012
<b>(E)-2-Butenyl methylphosphonofluoridate</b>	138780-00-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Butralin</b>	33629-47-9	2921.49.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Butyl 2-diethylaminoethyl methylphosphonite</b>	169662-68-4	2931.39.90	ML7.c.2	2008/944/CFSP
			1B10	CWC Schedule 1
<b>Butyl 2-chloro-4-fluorophenoxyacetate; LNF</b>	N/A	2918.29.00	ML7.b.4.a	2008/944/CFSP
<b>Butyl diethylphosphoramidocyanidate</b>	870124-31-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl dimethylphosphoramidocyanidate</b>	162085-87-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl dipropylphosphoramidocyanidate</b>	870124-35-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl ethylmethylphosphoramidocyanidate</b>	870124-03-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl ethylphosphonofluoridate</b>	18358-34-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>n-Butyl ferrocene</b>	31904-29-7	2931.90.00	ML8.f.4.d	2008/944/CFSP
			1C111.c.6.d	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Butyl isopropylmethylphosphoramidocyanidate</b>	870124-14-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl isopropylphosphonofluoridate</b>	333416-30-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Butyl isopropylpropylphosphoramidocyanidate</b>	870124-28-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl methyl methylphosphonate</b>	683-32-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Butyl methylphosphinate</b>	6172-80-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Butyl methylphosphonate</b>	1832-55-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Butyl methylphosphonochloridate</b>	23164-47-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Butyl methylphosphonofluoridate</b>	352-63-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Butyl N-methyl-N-propylphosphoramidocyanidate</b>	1253782-74-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	1256571-96-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl N-ethyl-N-propylphosphoramidocyanidate</b>	1256571-97-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl N,N-diisopropylphosphoramidocyanidate</b>	1253782-71-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Butyl propylphosphonofluoridate</b>	333416-16-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Butyl S-2-diisopropylaminoethyl ethylphosphonothioate</b>	1253757-48-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-dipropylaminoethyl methylphosphonothioate</b>	1253759-45-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-10-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-20-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diethylaminoethyl propylphosphonothioate</b>	468712-35-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diethylaminoethyl isopropylphosphonothioate</b>	468712-46-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	52364-46-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-dimethylaminoethyl methylphosphonothioate</b>	56217-63-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate</b>	958995-46-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Butyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	959111-24-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>2-(butylnitroamino)ethyl nitrate; Butyl-NENA</b>	82486-82-6	2929.90.00	ML8.e.14	2008/944/CFSP
<b>Butyrylcholinesterase; BCHE</b>	9001-08-5	3507.90.90	VI.A1.011 (DPRK)	(EU) 2017/1509
			IX.A1.003 (Syria)	(EU) 36/2012
<b>Calcium carbide</b>	75-20-7	2849.10.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Cadmium Nitrate; Cd(NO<sub>3</sub>)<sub>2</sub></b>	10325-94-7	2834.29.20	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cadmium oxide; CdO</b>	1306-19-0	2825.90.60	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cadmium powder</b>	7440-43-9	8107.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cadmium sulphate; CdSO<sub>4</sub></b>	7790-84-3	2833.29.20	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cadmium telluride; CdTe</b>	1306-25-8	2842.90.10	6C002.b.2	(EC) 428/2009
<b>Cadmium Zinc telluride; CdZnTe</b>	303114-50-3	2842.90.10	6C002.b.1	(EC) 428/2009
<b>Cadusafos</b>	95465-99-9	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Calciferol</b>	50-14-6	2936.29.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Calcium</b>	7440-70-2	2805.12.00	1C227	(EC) 428/2009
<b>Calcium ammonium nitrate</b>	15245-12-2	3102.60.00	Annex II (explosives)	(EU) 2019/1148
<b>Calcium chlorate; Ca(ClO<sub>3</sub>)<sub>2</sub></b>	10137-74-3	2829.19.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Calcium nitrate; Ca(NO<sub>3</sub>)<sub>2</sub></b>	10124-37-5	2834.29.80	Annex II (explosives)	(EU) 2019/1148
<b>Californium-253; <sup>253</sup>Cf</b>	15720-29-3	2844.40.80	1C236	(EC) 428/2009
<b>Captafol</b>	2425-06-1	2930.80.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Carbaryl</b>	63-25-2	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Carbendazim</b>	10605-21-7	2933.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Carbofuran</b>	1563-66-2	2932.99.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Carbon monoxide</b>	630-08-0	2811.29.90	IX.A1.004 (Syria)	(EU) 36/2012
<b>Carbon tetrachloride</b>	56-23-5	2903.14.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Carboranes</b>	N/A	2934.99.90	1C111.c.1	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Carbosulfan</b>	55285-14-8	2932.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Carboxy-terminated polybutadiene; CTPB</b>	N/A	4002.20.00	1C111.b.1	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Cartap</b>	15263-53-3	2930.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Catocene</b>	37206-42-1	2931.90.00	ML8.f.4.b	2008/944/CFSP
			1C111.c.6.a	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Chinomethionat</b>	2439-01-2	2934.99.90	Annex I Part 1	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Chlordane</b>	57-74-9	2903.82.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Chlordecone</b>	205-601-3	2914.29.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Chlordimeform</b>	6164-98-3	2925.21.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Chlorfenapyr</b>	122453-73-0	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Chlorfenvinphos</b>	470-90-6	2919.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Chlorine</b>	7782-50-5	2801.10.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Chlorine trifluoride; ClF<sub>3</sub></b>	7790-91-2	2812.90.00	1C238	(EC) 428/2009
<b>Chlormephos</b>	24934-91-6	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>2-chloro-N-ethyl-N-methylethanamine hydrochloride</b>	4535-88-0	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>2-Chloro-1-phenylethanone; CN</b>	532-27-4	2914.79.00	ML7.d.3	2008/944/CFSP
<b>2-chloro-N-ethyl-N-methylethanamine</b>	54153-16-1	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>10-chloro-5,10-dihydrophenarsazine; DM</b>	578-94-9	2934.99.90	ML7.d.5	2008/944/CFSP
<b>Chloro-naphtalenes (mixture)</b>	70776-03-3	3824.99.92	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Chloro-alkanes (C10-C13)</b>	85535-84-8	3824.99.92	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Chlorobenzilate</b>	510-15-6	2918.18.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>(1S,2R)-(+)-chloroephedrine</b>	1384199-95-4	2939.79.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>(1R,2S)-(-)-chloroephedrine</b>	110925-64-9	2939.79.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>2-Chloroethanol</b>	107-07-3	2905.59.98	1C350.15	(EC) 428/2009
<b>2-chloroethyl(diethyl)ammonium sulphate</b>	68391-41-3	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-ethylpropan-1-amine hydrochloride</b>	13105-93-6	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-methylpropan-2-amine hydrochloride</b>	15512-81-9	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-propylpropan-1-amine</b>	36716-60-6	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-methylpropan-2-amine</b>	408326-30-7	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-propylpropan-1-amine hydrochloride</b>	4535-86-8	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-isopropylpropan-1-amine hydrochloride</b>	4535-89-1	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>N-(2-chloroethyl)-N-(isopropyl)propan-1-amine</b>	688299-03-8	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-methylpropan-1-amine</b>	763884-48-6	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N-(2-chloroethyl)-N-ethylpropan-2-amine</b>	92204-40-5	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>2-Chloroethylchloromethylsulphide; Sulphur mustard</b>	2625-76-5	2930.90.98	ML7.b.2.a.1	2008/944/CFSP
			1A04	CWC Schedule 1
<b>2-Chloroethyldimethylamine</b>	107-99-3	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>Chloroform</b>	67-66-3	2903.13.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>3-[chloro(methyl)phosphoryl]oxy-2,2-dimethylbutane; Chlorosoman</b>	7040-57-5	2931.39.90	ML7.c.4	2008/944/CFSP
			1B12	CWC Schedule 1
<b>[(2-Chlorophenyl) methylene] propanedinitrile; CS</b>	2698-41-1	2926.90.70	ML7.d.2	2008/944/CFSP
<b>Chloropicrin</b>	76-06-2	2904.91.00	1C450.a.7	(EC) 428/2009
			3A04	CWC Schedule 3
			Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>O-(3-chloropropyl) O-[4-nitro-3-(trifluoromethyl)phenyl] methylphosphonothionate</b>	849-29-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>(1S,2S)-(+)-chloropseudoephedrine</b>	73393-61-0	2939.79.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>(1R,2R)-(-)-chloropseudoephedrine</b>	771434-80-1	2939.79.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Chlorosarin</b>	1445-76-7	2931.39.90	ML7.c.3	2008/944/CFSP
			1B11	CWC Schedule 1
<b>Chlorothalonil</b>	1897-45-6	2926.90.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>2-Chlorovinylidichloroarsine; Lewisite 1</b>	541-25-3	2931.90.00	ML7.b.2.b.1	2008/944/CFSP
			1A05	CWC Schedule 1
<b>Chlorpropham</b>	101-21-3	2924.29.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Chlorthal-dimethyl</b>	1861-32-1	2917.39.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Chlozolate</b>	84332-86-5	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Cholecalciferol</b>	67-97-0	2936.29.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cinidon-ethyl</b>	142891-20-1	2925.19.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Cinnabar ore</b>	N/A	2617.90.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Cis-1,3-dichloropropene</b>	10061-01-5	2903.29.00	Annex I Part 1	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Cis-bis (5-nitrotetrazolato) tetra amine-cobalt (III) perchlorate; BNCP</b>	117412-28-9	2933.99.80	ML8.a.2	2008/944/CFSP
<b>Clothianidin</b>	210880-92-5	2934.10.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Coal tar distillate</b>	65996-91-0	2707.99.19	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Coal tar distillate fraction</b>	84650-04-4	2707.40.00 or 2707.50.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Copper <math>\beta</math>-resorcylate</b>	70983-44-7	2918.29.00	ML8.f.5	2008/944/CFSP
<b>Coumafuryl</b>	117-52-2	2932.20.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Creosote oil</b>	61789-28-4	2707.91.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Creosote oil</b>	8001-58-9	2707.91.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Creosote oil fraction</b>	90640-84-9	2707.91.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Crimidine</b>	535-89-7	2933.59.95	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Crocidolite</b>	12001-28-4	2524.10.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Cubane</b>	277-10-1	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Curium-244; <sup>244</sup>Cm</b>	13981-15-2	2844.40.80	1C236	(EC) 428/2009
<b>Curium-240; <sup>240</sup>Cm</b>	15411-90-2	2844.40.80	1C236	(EC) 428/2009
<b>Curium-241; <sup>241</sup>Cm</b>	15411-91-3	2844.40.80	1C236	(EC) 428/2009
<b>Curium-242; <sup>242</sup>Cm</b>	15510-73-3	2844.40.80	1C236	(EC) 428/2009
<b>Curium-243; <sup>243</sup>Cm</b>	15757-87-6	2844.40.80	1C236	(EC) 428/2009
<b>Cyanamide</b>	420-04-2	2853.90.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cyanazine</b>	21725-46-2	2933.69.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cyanogen chloride; CNCl</b>	506-77-4	2853.10.00	1C450.a.5	(EC) 428/2009
			3A02	CWC Schedule 3
<b>2-(5-cyanotetrazolato) penta amine-cobalt (III) perchlorate; CP</b>	70247-32-4	2933.99.80	ML8.a.5	2008/944/CFSP
<b>Cybutryne</b>	28159-98-0	2933.69.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Cyclanilide</b>	113136-77-9	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Cyclobutyl ethylphosphonofluoridate</b>	345239-03-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclobutyl isopropylphosphonofluoridate</b>	345239-04-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclobutyl methylphosphonofluoridate</b>	14618-04-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Cyclobutyl propylphosphonofluoridate</b>	345239-05-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
			ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cycloheptyl diisopropylphosphoramidocyanidate</b>	959299-72-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cycloheptyl dipropylphosphoramidocyanidate</b>	959220-92-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cycloheptyl ethylphosphonofluoridate</b>	345239-09-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cycloheptyl isopropylphosphonofluoridate</b>	345239-10-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cycloheptyl methylphosphonofluoridate</b>	7284-83-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cycloheptyl N,N-diethylphosphoramidocyanidate</b>	1256634-78-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cycloheptyl N,N-dimethylphosphoramidocyanidate</b>	1256634-79-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cycloheptyl propylphosphonofluoridate</b>	345239-11-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexanol</b>	108-93-0	2906.12.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Cyclohexyl ethylphosphonate</b>	170424-87-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Cyclohexyl ethylphosphonochloridate</b>	57523-33-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Cyclohexyl ethylphosphonofluoridate</b>	7284-84-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexyl isopropylphosphonofluoridate</b>	333416-55-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexyl methyl methylphosphonate</b>	7040-52-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Cyclohexyl methylphosphonate</b>	1932-60-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2



Chemical name	CAS number	CN code	Reference	Regulation
<b>Cyclohexyl methylphosphonochloridate</b>	7040-92-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Cyclohexyl methylphosphonofluoridate</b>	329-99-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>O-Cyclohexyl methylphosphonofluoridithioate</b>	4241-34-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Cyclohexyl N-isopropyl-Npropylphosphoramidocyanidate</b>	1253782-35-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclohexyl N,N-diethylphosphoramidocyanidate</b>	1256572-11-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclohexyl N,N-dimethylphosphoramidocyanidate</b>	1256572-12-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclohexyl N,N-dipropylphosphoramidocyanidate</b>	1256572-13-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclohexyl propylphosphonofluoridate</b>	28364-21-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(S)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate</b>	1186330-22-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(R)-Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate</b>	1220982-69-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclohexyl S-2-dimethylaminoethyl methylphosphonothioate</b>	69795-06-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclohexyl S-2-diethylaminoethyl methylphosphonothioate</b>	71293-89-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclohexyl S-2-diethylaminoethyl ethylphosphonothioate</b>	959020-04-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Cyclohexylethyl diisopropylphosphoramidocyanidate</b>	959231-14-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2-Cyclohexylethyl dipropylphosphoramidocyanidate</b>	959304-98-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Cyclohexylethyl ethylphosphonofluoridate</b>	1353011-94-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Cyclohexylethyl ethylphosphonofluoridate</b>	959093-03-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-Cyclohexylethyl methylphosphonofluoridate</b>	1280106-29-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Cyclohexylethyl methylphosphonofluoridate</b>	959040-72-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Cyclohexylethyl N,N-diisopropylphosphoramidocyanidate</b>	1256572-20-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Cyclohexylethyl propylphosphonofluoridate</b>	1280106-32-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Cyclohexylethyl propylphosphonofluoridate</b>	959004-37-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexylmethyl dipropylphosphoramidocyanidate</b>	959285-51-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclohexylmethyl ethylphosphonofluoridate</b>	959093-05-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexylmethyl isopropylphosphonofluoridate</b>	959004-34-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexylmethyl methylphosphonofluoridate</b>	959019-47-77	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexylmethyl propylphosphonofluoridate</b>	959025-93-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclohexylmethyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959104-17-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclohexylmethyl S-2-diisopropylaminoethyl isopropylphosphonothioate</b>	959233-60-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclohexylmethyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	959268-47-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3-Cyclohexylpropyl ethylphosphonofluoridate</b>	1353011-91-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Cyclohexylpropyl methylphosphonofluoridate</b>	211192-73-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Cyclohexylpropyl propylphosphonofluoridate</b>	1280106-26-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclooctyl diisopropylphosphoramidocyanidate</b>	959299-70-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Cyclooctyl dipropylphosphoramidocyanidate</b>	959220-91-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclooctyl ethylphosphonofluoridate</b>	345239-12-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclooctyl isopropylphosphonofluoridate</b>	345239-13-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclooctyl methylphosphonofluoridate</b>	14719-38-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclooctyl N,N-dimethylphosphoramidocyanidate</b>	1256634-94-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclooctyl propylphosphonofluoridate</b>	345239-14-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclooctyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959010-50-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclopentyl 2-diisopropylaminoethyl methylphosphonite</b>	1282026-51-0	2931.39.90	ML7.c.2	2008/944/CFSP
			1B10	CWC Schedule 1
<b>Cyclopentyl dipropylphosphoramidocyanidate</b>	959305-00-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Cyclopentyl ethylphosphonofluoridate</b>	345239-06-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclopentyl isopropylphosphonofluoridate</b>	345239-07-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclopentyl methylphosphonofluoridate</b>	7284-82-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclopentyl propylphosphonofluoridate</b>	345239-08-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(R)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	102490-57-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(S)-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	102490-59-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclopentyl S-2-dimethylaminoethyl methylphosphonothioate</b>	22925-98-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclopentyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-24-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	85473-33-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclopentyl S-2-diethylaminoethyl methylphosphonothioate</b>	93240-66-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Cyclopentylmethyl ethylphosphonofluoridate</b>	1353011-72-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Cyclopentylpropyl ethylphosphonofluoridate</b>	1353011-87-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Cyclotetramethylenetetranitramine; HMX or octogen</b>	2691-41-0	2933.99.80	ML8.a.13.a	2008/944/CFSP
<b>Cyclotrimethylenetrinitramine; RDX</b>	121-82-4	2933.69.10	ML8.a.21.a	2008/944/CFSP
<b>Cyfluthrin</b>	68359-37-5	2926.90.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cyhalothrine</b>	68085-85-8	2926.90.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Cyhexatin</b>	13121-70-5	2931.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Di-<math>\mu</math>-oxo-di-n-butylstannio-hydroxyborane; DBB</b>	75113-37-0	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Decaborane</b>	17702-41-9	2850.00.20	ML8.c.3	2008/944/CFSP
			1C111.c.1	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>3-decen-2-one</b>	10519-33-2	2914.19.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Decyl ethylphosphonofluoridate</b>	333416-08-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Decyl isopropylphosphonofluoridate</b>	333416-36-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Decyl methylphosphonofluoridate</b>	193090-25-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Decyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1256572-19-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>O-n-Decyl N-(1-(di-n-decylamino)-n-decylidene)phosphoramidofluoridate</b>	2387496-00-4	2929.90.00	1A14	CWC Schedule 1
<b>Decyl N,N-diisopropylphosphoramidocyanidate</b>	1256572-18-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Decyl propylphosphonofluoridate</b>	333416-22-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Decyl S-2-dimethylaminoethyl methylphosphonothiolate</b>	1253735-72-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Decyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-33-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Decyl S-2-diethylaminoethyl methylphosphonothioate</b>	959288-69-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Desmedipham</b>	13684-56-5	2924.29.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Deuterium</b>	7782-39-0	2845.90.10	0C003	(EC) 428/2009
<b>N-(1-(di-n-decylamino)-n-decylidene)-P-decylphosphonamidic fluoride</b>	2387495-99-8	2931.39.90	1A13	CWC Schedule 1
<b>1,5-diacetyl-3,7-dinitro-1,3,5,7-tetraaza-cyclooctane; DADN</b>	N/A	2933.99.80	ML8.g.9	2008/944/CFSP
<b>1,1'-Diacetyl ferrocene</b>	1273-94-5	2931.90.00	ML8.f.4.o	2008/944/CFSP
			1C111.c.6.l	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>N,N-Diallylhydrazine</b>	5164-11-4	2928.00.90	1C111.a.4.c	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>5,7-diamino-4,6-dinitrobenzofurazane-1-oxide; CL-14</b>	117907-74-1	2934.99.90	ML8.a.3	2008/944/CFSP
<b>1,1-diamino-2,2-dinitroethylene; DADE</b>	145250-81-3	2921.29.00	ML8.a.6	2008/944/CFSP
<b>3,6-diamino-1,2,4,5-tetrazine-1,4-dioxide; LAX-112</b>	153757-93-8	2933.99.80	ML8.a.38.b	2008/944/CFSP
<b>3,3'-diamino-2,2',4,4',6,6'-hexanitrobiphenyl; DIPAM</b>	17215-44-0	2921.59.90	ML8.a.10	2008/944/CFSP
<b>2,6-diamino-3,5-dinitropyrazine-1-oxide; DDPO</b>	194486-77-6	2933.99.80	ML8.a.9	2008/944/CFSP
<b>Diaminoazofurazan; DAAZF</b>	78644-90-3	2934.99.90	ML8.a.12.b	2008/944/CFSP
<b>Diaminoazoxyfurazan; DAAOF</b>	78644-89-0	2934.99.90	ML8.a.12.a	2008/944/CFSP
<b>Diaminotrinitrobenzene; DATB</b>	1630-08-6	2921.51.19	ML8.a.7	2008/944/CFSP
<b>Diammonium heptaoxidouranate; (NH<sub>4</sub>)<sub>2</sub>U<sub>2</sub>O<sub>7</sub></b>	7783-22-4	2844.30.91	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Diarsenic pentaoxide; As<sub>2</sub>O<sub>5</sub></b>	1303-28-2	2811.29.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>4,5-diazidomethyl-2-methyl-1,2,3-triazole; iso-DAMTR</b>	N/A	2933.99.80	ML8.e.19	2008/944/CFSP
			1C111.c.7	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Diazinon</b>	333-41-5	2933.59.10	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dibenzo-(b,f)-1,4-oxazepine; CR</b>	257-07-8	2934.99.90	ML7.d.4	2008/944/CFSP
<b>1,2-dibromoethane; EDB</b>	106-93-4	2903.31.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Dibromotetrafluoroethane; Halon 2402</b>	25497-30-7	2903.76.90	1C006.c.3.a	(EC) 428/2009
<b>1,1-dibromotetrafluoroethane; Halon 2402</b>	27336-23-8	2903.76.90	1C006.c.3.a	(EC) 428/2009
<b>1,2-dibromotetrafluoroethane; Halon 2402</b>	124-73-2	2903.76.90	1C006.c.3.a	(EC) 428/2009
<b>Dibutyl ferrocene</b>	1274-08-4	2931.90.00	ML8.f.4.m	2008/944/CFSP
			1C111.c.6.j	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dibutyl methylphosphonate</b>	2404-73-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O,O-Dibutyl methylphosphonothioate</b>	18628-73-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dibutyl propylphosphonate</b>	4628-12-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dibutyltin diacetate</b>	1067-33-0	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Dibutyltin dichloride</b>	683-18-1	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Dibutyltin dilaurate</b>	77-58-7	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Dibutyltin oxide</b>	818-08-6	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Dichlobenil</b>	1194-65-6	2926.90.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>1,1-Dichloroethene</b>	75-35-4	2903.29.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Dichloromethane</b>	75-09-2	2903.12.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>1,3-dichloropropene</b>	542-75-6	2903.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dichlorvos</b>	62-73-7	2919.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dicloran</b>	99-30-9	2921.42.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dicofol</b>	115-32-2	2906.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dicyclohexyl ferrocene</b>	N/A	2931.90.00	ML8.f.4.j	2008/944/CFSP
			1C111.c.6.g	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dicyclohexyl methylphosphonate</b>	7040-53-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dicyclohexylamine</b>	101-83-7	2921.30.99	IX.A1.004 (Syria)	(EU) 36/2012
<b>Dicyclopentyl ferrocene</b>	125861-17-8	2931.90.00	ML8.f.4.i	2008/944/CFSP
			1C111.c.6.f	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375

Chemical name	CAS number	CN code	Reference	Regulation
<b>Dicyclopentyl methylphosphonate</b>	22583-27-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Didecyldimethylammonium chloride</b>	7173-51-5	2923.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Didecyldimethylammonium perfluorooctane sulfonate</b>	251099-16-8	2923.40.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Dieldrin</b>	60-57-1	2910.40.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Diethanolammonium perfluorooctane sulfonate</b>	70225-14-8	2922.16.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>2-[(diethoxyphosphoryl)sulfanyl]-N,N,N-triethylethanaminium; Amiton salt salt</b>	20194-81-4	2930.90.98	1C450.a.1	(EC) 428/2009
			2A01	CWC Schedule 2
<b>N,N-Diethyl-2-[(cyclohexyloxy)methylphosphoryl]thio-N-methylethanaminium iodide</b>	132412-52-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1,1-Diethyl-2,2-dimethylpropyl methylphosphonofluoridate</b>	159395-78-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Diethyl-2-mercaptoethylammonium chloride</b>	1942-52-5	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>Diethyl chlorophosphite</b>	589-57-1	2920.29.00	1C350.70	(EC) 428/2009
<b>Diethyl ether</b>	60-29-7	2909.11.00	Cat. 3 (drug precursor)	(EC) 111/2005
			IX.A1.002 (Syria)	(EU) 36/2012
<b>Diethyl ethyl(methyl)phosphoramidate</b>	53279-98-4	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Diethyl ethylphosphonate</b>	78-38-6	2931.33.00	1C350.17	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diethyl ethylphosphonite</b>	2651-85-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diethyl ferrocene</b>	1273-97-8	2931.90.00	ML8.f.4.k	2008/944/CFSP
			1C111.c.6.h	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Diethyl isopropylphosphonate</b>	1538-69-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diethyl isopropylphosphonite</b>	61820-31-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diethyl methylphosphonate</b>	683-08-9	2931.39.90	1C350.56	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Diethyl methylphosphonite</b>	15715-41-0	2931.39.90	1C350.33	(EC) 428/2009
			2B04	CWC Schedule 2
<b>S,S-Diethyl methylphosphonodithioate</b>	995-88-0	2930.90.98	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O,O-Diethyl methylphosphonothioate</b>	6996-81-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diethyl N,N-dimethylphosphoramidate</b>	2404-03-7	2929.90.00	1C350.18	(EC) 428/2009
			1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Diethyl N,N-dipropylphosphoramidate</b>	91043-34-4	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Diethyl phosphite</b>	762-04-9	2920.22.00	1C350.19	(EC) 428/2009
			3B11	CWC Schedule 3
<b>O,O-Diethyl phosphorodithioate</b>	298-06-6	2920.19.00	1C350.61	(EC) 428/2009
<b>O,O-Diethyl phosphorothioate</b>	2465-65-8	2920.19.00	1C350.60	(EC) 428/2009
<b>Diethyl propylphosphonate</b>	18812-51-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O,O-diethyl S-[2-(diethylamino)ethyl] phosphorothioate; Amiton</b>	78-53-5	2930.90.98	1C450.a.1	(EC) 428/2009
			2A01	CWC Schedule 2
<b>N,N-Diethylacetamide</b>	14277-06-6	2925.29.00	1C350.78	(EC) 428/2009
<b>Diethylamine</b>	109-89-7	2921.19.50	1C350.64	(EC) 428/2009
<b>2-(N,N-Diethylamino)ethanethiol</b>	100-38-9	2930.60.00	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(N,N-diethylamino)ethanethiolate sodium</b>	58607-68-4	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate 4-methylbenzenesulfonate</b>	107059-49-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-[2-(diethylamino)ethyl] O-ethyl methylphosphonothioate oxalate</b>	108776-13-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Diethylaminoethanol</b>	100-37-8	2922.19.00	1C350.49	(EC) 428/2009
<b>N,N-Diethylaminoethyl-2-chloride</b>	100-35-6	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N,N-Diethylaminoethyl-2-chloride hydrochloride</b>	869-24-9	2921.13.00	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2



Chemical name	CAS number	CN code	Reference	Regulation
<b>S-2 Diethylaminoethyl ethylphosphonothioate</b>	161935-18-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-2-Diethylaminoethyl methylphosphonothioate</b>	21068-51-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>N,N-Diethylbutanamidine</b>	53510-30-8	2925.29.00	1C350.84	(EC) 428/2009
<b>Diethylene glycol dinitrate; DEGDN</b>	693-21-0	2920.90.70	1C111.c.5	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Diethyleneglycol</b>	111-46-6	2909.41.00	VI.2.C.1 (Syria)	(EU) 36/2012
<b>Diethylenetriamine</b>	111-40-0	2921.29.00	VI.A1.010 (DPRK)	(EU) 2017/1509
			IX.A1.003 (Syria)	(EU) 36/2012
<b>N,N-Diethylformamidine</b>	90324-67-7	2925.29.00	1C350.74	(EC) 428/2009
<b>1,2-Diethylhydrazine nitrate; DEHN</b>	36453-17-2	2928.00.90	1C111.a.4.p	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>1,1-Diethylhydrazine nitrate; DEHN</b>	N/A	2928.00.90	1C111.a.4.p	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>N,N-Diethylisobutanamidine</b>	1342789-47-2	2925.29.00	1C350.88	(EC) 428/2009
<b>Diethylphosphoramidic bromide fluoride</b>	758-71-4	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Diethylphosphoramidic chloride fluoridechloride fluoride</b>	650-72-6	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Diethylphosphoramidic dichloride</b>	1498-54-0	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Diethylphosphoramidic difluoride</b>	359-94-4	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>N,N-Diethylpropanamidine</b>	84764-73-8	2925.29.00	1C350.81	(EC) 428/2009
<b>1,1-Diethylpropyl methylphosphonofluoridate</b>	959257-62-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>[2-(diethylthiophosphor-S-yl)ethyl]diethylammonium hydrogen oxalate; Amiton salt</b>	3734-97-2	2930.90.98	1C450.a.1	(EC) 428/2009
			2A01	CWC Schedule 2
<b>3-difluoroaminomethyl-3-azidomethyl oxetane; FAMAO</b>	N/A	2932.99.00	ML8.e.7	2008/944/CFSP
<b>Diheptyl methylphosphonate</b>	77304-64-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Dihexyl ferrocene</b>	93894-59-8	2931.90.00	ML8.f.4.n	2008/944/CFSP
			1C111.c.6.k	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dihexyl isopropylphosphonate</b>	148456-62-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dihexyl methylphosphonate</b>	77304-63-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>3,6-Dihydrazino tetrazine nitrate; DHTN</b>	N/A	2933.99.80	1C111.a.4.q	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dihydrobenzvalene</b>	287-12-7	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dihydroxylammonium 5,5'-bistetrazole-1,1'-diolate; TKX-50</b>	N/A	2933.99.80	ML8.a.43	2008/944/CFSP
<b>Diimido oxalic acid dihydrazine</b>	3457-37-2	2928.00.90	1C111.a.4.k	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Diisobutyl phthalate</b>	84-69-5	2917.34.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>N,N-Diisopropyl-(beta)-aminoethane thiol</b>	5842-07-9	2930.90.98	1C350.12	(EC) 428/2009
			2B12	CWC Schedule 2
<b>N,N-Diisopropyl-2-aminoethyl chloride hydrochloride</b>	4261-68-1	2921.14.00	1C350.54	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N,N-Diisopropyl-(beta)-aminoethyl chloride</b>	96-79-7	2921.19.99	1C350.11	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N,N-Diisopropyl-(beta)-amino-ethanol</b>	96-80-0	2922.18.00	1C350.27	(EC) 428/2009
			2B11	CWC Schedule 2
<b>Diisopropyl dimethyldiphosphonate</b>	28616-51-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diisopropyl ethylphosphonate</b>	1067-69-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diisopropyl isopropylphosphonate</b>	3759-39-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diisopropyl N,N-dimethylphosphoramidate</b>	2404-04-8	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Diisopropyl propylphosphonate</b>	18812-55-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
Diisopropylamine	108-18-9	2921.19.99	1C350.48	(EC) 428/2009
2-(Diisopropylamino)ethanethiol	5842-07-9	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
2-(N,N-Diisopropylamino)ethanol hydrogen sulfide salt	1373773-53-5	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
2-(diisopropylamino)ethanol hydrochloride	63051-68-3	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
N,N-Diisopropylaminoethanethiol hydrochloride	41480-75-5	2930.90.98	1C350.65	(EC) 428/2009
			2B12	CWC Schedule 2
S-2 Diisopropylaminoethyl ethylphosphonothioate	161935-16-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
S-2-Diisopropylaminoethyl methylphosphonothioate	73207-98-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
N,N-Diisopropylbutanamidine	1315467-17-4	2925.29.00	1C350.86	(EC) 428/2009
N,N-Diisopropylformamidine	857522-08-8	2925.29.00	1C350.76	(EC) 428/2009
Diisopropylphosphoramidic dichloride	23306-80-1	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
Dimercury dichloride; Hg <sub>2</sub> Cl <sub>2</sub>	10112-91-1	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
Dimercury diiodide; Hg <sub>2</sub> I <sub>2</sub>	15385-57-6	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
Dimercury sulphate; HgSO <sub>4</sub>	7783-36-0	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
Dimethenamid	87674-68-8	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
Dimethoate	60-51-5	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
3,9-Dimethyl-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane 3,9-dioxide	3001-98-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10-[N-(3-dimethylcarbamoxy- $\alpha$ -picoliny)]-N,N-dimethylammonio]decane dibromide	77104-62-2	2933.39.99	1A16	CWC Schedule 1
Dimethyl ether	115-10-6	2909.19.90	IX.A1.002 (Syria)	(EU) 36/2012
Dimethyl ethylphosphonate	6163-75-3	2931.39.90	1C350.34	(EC) 428/2009
			2B04	CWC Schedule 2
Dimethyl ethylphosphonite	15715-42-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
Dimethyl isopropylphosphonate	54552-77-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Dimethyl methylphosphonate</b>	756-79-6	2931.31.00	1C350.3	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dimethyl N,N-diisopropylphosphoramidate</b>	170275-46-4	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Dimethyl N,N-dimethylphosphoramidate</b>	597-07-9	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Dimethyl N,N-diethylphosphoramidate</b>	65659-19-0	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Dimethyl phosphite</b>	868-85-9	2920.21.00	1C350.6	(EC) 428/2009
			3B10	CWC Schedule 3
<b>Dimethyl propylphosphonate</b>	18755-43-6	2931.32.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>N,N-Dimethylacetamide</b>	2909-14-0	2925.29.00	1C350.77	(EC) 428/2009
<b>1,2-dimethyladamantane</b>	702-79-4	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dimethylamine</b>	124-40-3	2921.11.00	1C350.16	(EC) 428/2009
<b>Dimethylamine hydrochloride</b>	506-59-2	2921.11.00	1C350.20	(EC) 428/2009
<b>S-[2-(Dimethylamino)ethyl] O-ethyl methylphosphonothioate</b>	20820-80-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-[2-(dimethylamino)ethyl] O-isopropyl methylphosphonothioate oxalate</b>	2478-93-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-[2-(dimethylamino)ethyl] O-ethyl methylphosphonothioate oxalate</b>	2641-09-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-(2-[[2-(dimethylamino)ethyl]sulfanyl]ethyl) hydrogen methylphosphonothioate</b>	170082-85-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-(N,N-Dimethylamino)ethylchloride hydrochloride</b>	4584-46-7	2921.12.00	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>N,N-Dimethylaminoethane-2-thiol</b>	108-02-1	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>N,N-Dimethylaminoethane-2-thiol hydrochloride</b>	13242-44-9	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>Dimethylaminoethanol</b>	108-01-0	2922.19.00	IX.A1.002 (Syria)	(EU) 36/2012
<b>S-2-Dimethylaminoethyl ethylphosphonothiolate</b>	1253735-44-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>S-2-Dimethylaminoethyl methylphosphonothioate</b>	34256-71-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-2-Dimethylaminoethyl propylphosphonothioate</b>	1253735-61-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1,2-Dimethylaminoethylazide; DMAZ</b>	86147-04-8	2929.90.00	1C111.a.6.a	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>N,N-Dimethylaminophosphoryl dichloride</b>	677-43-0	2929.90.00	1C350.57	(EC) 428/2009
			2B05	CWC Schedule 2
<b>N,N-Dimethylaniline</b>	121-69-7	2921.42.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>(2R)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate</b>	22956-47-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(2R)-3,3-dimethylbutan-2-yl (S)-methylphosphonofluoridate</b>	22956-48-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(2S)-3,3-dimethylbutan-2-yl (R)-methylphosphonofluoridate</b>	24753-15-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(2S)-3,3-dimethylbutan-2-yl methylphosphonofluoridate</b>	24753-16-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-([(3,3-dimethylbutan-2-yl)oxy](methyl)phosphoryl)sulfanyl)-N,N,N-trimethylethanaminium</b>	38770-03-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>N,N-Dimethylbutanamidine</b>	1340437-35-5	2925.29.00	1C350.83	(EC) 428/2009
<b>1,2-Dimethylbutyl ethylphosphonofluoridate</b>	1005258-27-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,3-Dimethylbutyl ethylphosphonofluoridate</b>	345260-86-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2-Dimethylbutyl isopropylphosphonofluoridate</b>	1005249-16-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,3-Dimethylbutyl isopropylphosphonofluoridate</b>	345260-87-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2-Dimethylbutyl methylphosphonofluoridate</b>	1005239-89-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,3-Dimethylbutyl methylphosphonofluoridate</b>	352-53-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,3-Dimethylbutyl methylphosphonofluoridate</b>	660-21-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>2,3-Dimethylbutyl methylphosphonofluoridate</b>	83563-66-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,3-Dimethylbutyl N,N-diisopropylphosphoramidocyanidate</b>	1256572-10-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,3-Dimethylbutyl propylphosphonofluoridate</b>	345260-88-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,3-Dimethylbutyl propylphosphonofluoridate</b>	959004-32-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2-Dimethylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate</b>	1253739-43-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3,3-Dimethylbutyl S-2-dimethylaminoethyl methylphosphonothioate</b>	34388-36-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3,5-Dimethylcyclohexyl ethylphosphonofluoridate</b>	1353011-80-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl methylphosphonofluoridate</b>	1005276-38-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,5-Dimethylcyclohexyl methylphosphonofluoridate</b>	1005284-61-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1256634-82-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate</b>	1256634-80-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-81-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate</b>	1256634-83-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,6-Dimethylcyclohexyl N,Ndipropylphosphoramidocyanidate</b>	1252610-38-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,3-Dimethylcyclohexyl propylphosphonofluoridate</b>	1280106-35-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>N,N-Dimethylformamide</b>	44205-42-7	2925.29.00	1C350.73	(EC) 428/2009
<b>1,5-Dimethylhexyl methylphosphonofluoridate</b>	159395-76-3	2931.39.90	1A01	CWC Schedule 1
			ML7.b.1.a	2008/944/CFSP

Chemical name	CAS number	CN code	Reference	Regulation
<b>1,1-Dimethylhydrazinium azide</b>	227955-52-4	2928.00.90	1C111.a.4.i	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>1,2-Dimethylhydrazinium azide</b>	299177-50-7	2928.00.90	1C111.a.4.i	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>N,N-Dimethylisobutanamidine</b>	321881-25-8	2925.29.00	1C350.87	(EC) 428/2009
<b>3,7-Dimethyloctyl ethylphosphonofluoridate</b>	345260-83-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,7-Dimethyloctyl isopropylphosphonofluoridate</b>	345260-84-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,7-Dimethyloctyl methylphosphonofluoridate</b>	345260-82-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,7-Dimethyloctyl propylphosphonofluoridate</b>	345260-85-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,1-Dimethylpentyl methylphosphonofluoridate</b>	959014-89-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,4-Dimethylpentyl methylphosphonofluoridate</b>	199850-62-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Dimethylphosphoramidic chloride fluoride</b>	36598-84-2	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Dimethylphosphoramidic difluoride</b>	354-43-8	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>N,N-Dimethylpropanamidine</b>	56776-14-8	2925.29.00	1C350.80	(EC) 428/2009
<b>2,2-Dimethylpropyl ethylphosphonofluoridate</b>	959234-06-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,2-Dimethylpropyl isopropylphosphonofluoridate</b>	864463-26-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,1-Dimethylpropyl methylphosphonofluoridate</b>	159395-77-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,2-Dimethylpropyl methylphosphonofluoridate</b>	372-62-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2-Dimethylpropyl methylphosphonofluoridate</b>	6154-51-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,2-Dimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1253782-84-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>1,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-86-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate</b>	1253782-83-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2,2-Dimethylpropyl propylphosphonofluoridate</b>	959092-42-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate</b>	1253766-83-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate</b>	1253767-73-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate</b>	1253768-73-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2,2-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothioate</b>	56217-66-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Diniconazole-M</b>	83657-18-5	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>3,3'-dinitro-5,5-bi-1,2,4-triazole; DBT</b>	30003-46-4	2933.99.80	ML8.a.32.e	2008/944/CFSP
<b>Dinitro-ortho-cresol; DNOC</b>	534-52-1	2908.92.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>1,3-dinitro-1,3-diazetidine; DNAD</b>	78246-06-7	2933.99.80	ML8.d.4	2008/944/CFSP
<b>4,10-Dinitro-2,6,8,12-tetraoxa-4,10-diazaisowurtzitane; TEX</b>	N/A	2934.99.90	ML8.a.36	2008/944/CFSP
<b>2,4-dinitroanisole; DNAN</b>	119-27-7	2909.30.90	ML8.a.35	2008/944/CFSP
<b>Dinitroazetidone-t-butyl salt</b>	125735-38-8	2933.99.80	ML8.g.2	2008/944/CFSP
<b>Dinitrobistriazole; DNBT</b>	70890-46-9	2933.99.80	ML8.a.32.f	2008/944/CFSP
<b>1,4-dinitrodifurazanopiperazine; DDFP</b>	N/A	2934.99.90	ML8.a.8	2008/944/CFSP
<b>Dinitrogen pentoxide; N<sub>2</sub>O<sub>5</sub></b>	10102-03-1	2811.29.30	1C111.a.3.c	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dinitrogen tetroxide; N<sub>2</sub>O<sub>4</sub></b>	10544-72-6	2811.29.30	1C111.a.3.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dinitrogen trioxide; N<sub>2</sub>O<sub>3</sub></b>	10544-73-7	2811.29.30	1C111.a.3.a	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dinitroglycoluril; DNGU or DINGU</b>	55510-04-8	2933.99.80	ML8.a.11	2008/944/CFSP
<b>2,4-dinitroimidazole; DNI</b>	5213-49-0	2933.29.90	ML8.a.16.b	2008/944/CFSP
<b>Dinobuton</b>	973-21-7	2920.90.10	Annex I Part 1	(EU) 649/2012 (PIC)



Chemical name	CAS number	CN code	Reference	Regulation
<b>Dinonyl methylphosphonate</b>	95428-88-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dinoseb-acetate</b>	2813-95-8	2915.36.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Dinoseb-sodium</b>	35040-03-0	2908.91.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Dinoseb-ammonium</b>	6365-83-9	2908.91.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Dinoseb-trolamine</b>	6420-47-9	2922.19.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Dinoterb</b>	1420-07-1	2908.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Diocetyl adipate; DOA</b>	123-79-5	2917.12.00	VI.A1.006 (DPRK)	(EU) 2017/1509
<b>Diocetyl azelate; DOZ</b>	103-24-2	2917.13.90	VI.A1.006 (DPRK)	(EU) 2017/1509
<b>Diocetyl ethylphosphonate</b>	6156-13-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diocetyl isopropylphosphonate</b>	83218-22-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diocetyl methylphosphonate</b>	1832-68-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diocetyl propylphosphonate</b>	959044-15-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diocetyl sebacate; DOS</b>	122-62-3	2917.13.90	VI.A1.006 (DPRK)	(EU) 2017/1509
<b>Diocetyl tin</b>	3542-36-7	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Diocetyl tin diacetate</b>	17586-94-6	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Diocetyl tin dilaurate</b>	3648-18-8	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Diocetyl tin maleate</b>	16091-18-2	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
			Annex I Part 1	(EU) 649/2012 (PIC)
<b>Diocetyl tin oxide</b>	870-08-6	2931.90.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>O,O-Dipentyl methylphosphonothioate</b>	91964-75-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diphenyl methylphosphonate</b>	7526-26-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diphenylamine</b>	122-39-4	2921.44.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Dipinacolyl dimethyldiphosphonate</b>	81397-56-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Diplutonium tricarbide; Pu<sub>2</sub>C<sub>3</sub></b>	N/A	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009

Chemical name	CAS number	CN code	Reference	Regulation
<b>Dipropyl ferrocene</b>	N/A	2931.90.00	ML8.f.4.l	2008/944/CFSP
			1C111.c.6.i	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Dipropyl isopropylphosphonate</b>	192698-90-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Dipropyl N,N-dipropylphosphoramidate</b>	17123-10-3	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Dipropyl N,N-diethylphosphoramidate</b>	22250-42-6	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Dipropyl N,N-dimethylphosphoramidate</b>	98543-28-3	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>N,N-Dipropylacetamide</b>	1339586-99-0	2925.29.00	1C350.79	(EC) 428/2009
<b>2-(Dipropylamino)ethanethiol</b>	5842-06-8	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(Dipropylamino)ethanol</b>	3238-75-3	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>S-2-Dipropylaminoethyl methylphosphonothioate</b>	30102-97-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>S-2-Dipropylaminoethyl methylphosphonothionofluoridate</b>	28841-40-9	2930.90.98	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>N,N-Dipropylbutanamide</b>	1342422-35-8	2925.29.00	1C350.85	(EC) 428/2009
<b>Dipropyldiphosphonic acid</b>	71760-04-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>N,N-Dipropylformamide</b>	48044-20-8	2925.29.00	1C350.75	(EC) 428/2009
<b>N,N-Dipropylisobutanamide</b>	1342700-45-1	2925.29.00	1C350.89	(EC) 428/2009
<b>Dipropylphosphoramidic dichloride</b>	40881-98-9	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Dipropylphosphoramidic difluoride</b>	40882-01-7	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>N,N-Dipropylpropanamide</b>	1341496-89-6	2925.29.00	1C350.82	(EC) 428/2009
<b>Diquat</b>	2764-72-9	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Diquat dibromide</b>	85-00-7	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Disodium heptaoxidouranate; Na<sub>2</sub>U<sub>2</sub>O<sub>7</sub>·H<sub>2</sub>O</b>	13721-34-1	2844.30.91	0C001	(EC) 428/2009
			0C002	(EC) 428/2009

Chemical name	CAS number	CN code	Reference	Regulation
<b>DNOC-sodium</b>	2312-76-7	2908.92.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>DNOC-ammonium</b>	2980-64-5	2908.92.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>DNOC-potassium</b>	5787-96-2	2908.92.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Einstenium-253; <sup>253</sup>Es</b>	15840-02-5	2844.40.80	1C236	(EC) 428/2009
<b>Einstenium-254; <sup>254</sup>Es</b>	15840-03-6	2844.40.80	1C236	(EC) 428/2009
<b>Endosulfan</b>	115-29-7	2920.30.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b><math>\beta</math>-Endosulfan</b>	33213-65-9	2920.90.70	Annex V Part 1	(EU) 649/2012 (PIC)
<b><math>\alpha</math>-Endosulfan</b>	959-98-8	2920.90.70	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Endrin</b>	72-20-8	2910.50.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Ephedrine</b>	299-42-3	2939.41.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Ergometrine</b>	60-79-7	2939.61.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Ergotamine</b>	113-15-5	2939.62.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Ethalfuralin</b>	55283-68-6	2921.43.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Ethanamine, 2-chloro-N,N-diethyl-, sulfate</b>	67845-39-0	2921.19.99	1C450.b.4	(EC) 428/2009
			2B10	CWC Schedule 2
<b>Ethanol</b>	64-17-5	2207.10.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Ethion</b>	563-12-2	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Ethoprophos</b>	13194-48-4	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-[[Ethoxy(ethyl)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide</b>	220718-05-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[[Ethoxy(ethyl)phosphoryl]thio]-N,N,N-triethylethanaminium iodide</b>	24578-82-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[[Ethoxy(methyl)phosphoryl]thio]-N,N-diethyl-N-methylethanaminium iodide</b>	220718-02-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[[Ethoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium</b>	56217-67-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>N-(2-[[Ethoxy(methyl)phosphoryl]thio]ethyl)-N-isopropyl-N-methylpropan-2-aminium iodide</b>	220718-03-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[(Ethoxymethylphosphoryl)thio]-N,N,N-trimethylethanaminium iodide</b>	2478-92-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethoxyquin</b>	91-53-2	2933.49.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Ethoxysulfuron</b>	126801-58-9	2933.59.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-Ethyl-2-methylpentyl methylphosphonofluoridate</b>	1005240-09-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-(N-Ethyl-N-methylamino)ethanethiol hydrochloride</b>	1017861-21-0	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(N-Ethyl-N-propylamino)ethanethiol hydrochloride</b>	1017861-34-5	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(N-Ethyl-N-isopropylamino)ethanethiol hydrochloride</b>	1017861-37-8	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>1-Ethyl-2-methylpentyl ethylphosphonofluoridate</b>	1280106-33-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2-methylpentyl propylphosphonofluoridate</b>	1280106-34-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2-methylpropyl methylphosphonofluoridate</b>	345260-66-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2-methylpropyl ethylphosphonofluoridate</b>	345260-67-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2-methylpropyl isopropylphosphonofluoridate</b>	345260-68-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2-methylpropyl propylphosphonofluoridate</b>	345260-69-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2,2-dimethylpropyl methylphosphonofluoridate</b>	345260-75-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2,2-dimethylpropyl ethylphosphonofluoridate</b>	345260-76-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2,2-dimethylpropyl isopropylphosphonofluoridate</b>	345260-77-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethyl-2,2-dimethylpropyl propylphosphonofluoridate</b>	345260-78-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate</b>	41203-81-0	2931.36.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O-Ethyl-diisopropylaminoethyl methyl phosphonothiolate; VX</b>	50782-69-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1-Ethyl-1-methylpropyl methylphosphonofluoridate</b>	959083-58-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-Ethyl-1-methylpentyl methylphosphonofluoridate</b>	959098-88-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl (1-(diethylamino)ethylidene) phosphoramidofluoridate; Novichok A-234</b>	2387496-06-0	2929.90.00	1A14	CWC Schedule 1
<b>Ethyl 2-diethylaminoethyl methylphosphonite</b>	55523-55-2	2931.39.90	ML7.c.2	2008/944/CFSP
			1B10	CWC Schedule 1
<b>Ethyl bromide</b>	74-96-4	2903.39.19	IX.A1.003 (Syria)	(EU) 36/2012
<b>Ethyl chloride</b>	75-00-3	2903.11.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>Ethyl chlorofluorophosphate</b>	762-77-6	2920.90.70	1C350.72	(EC) 428/2009
<b>Ethyl dichlorophosphate</b>	1498-51-7	2920.90.70	1C350.67	(EC) 428/2009
<b>Ethyl diethylphosphoramidocyanidate</b>	63815-60-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl difluorophosphate</b>	460-52-6	2920.90.70	1C350.69	(EC) 428/2009
<b>Ethyl diisopropylphosphoramidocyanidate</b>	870124-37-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl dipropylphosphoramidocyanidate</b>	870124-33-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>O-ethyl ethylchloridothiophosphonate</b>	1497-68-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl ethylisopropylphosphoramidocyanidate</b>	870124-22-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl ethylmethylphosphoramidocyanidate</b>	870124-00-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl ethylphosphonate</b>	7305-61-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl ethylphosphonofluoridate</b>	650-20-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl ethylpropylphosphoramidocyanidate</b>	870124-17-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl ferrocene</b>	1273-89-8	2931.90.00	ML8.f.4.f	2008/944/CFSP
			1C111.c.6.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Ethyl isopropylmethylphosphoramidocyanidate</b>	870124-11-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Ethyl isopropylphosphonate</b>	4546-11-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl isopropylphosphonofluoridate</b>	1426-08-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl isopropylpropylphosphoramidocyanidate</b>	870124-26-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl methyl ethylisopropylphosphoramidate</b>	906801-34-1	2929.90.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methyl methylphosphonate</b>	18755-36-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methyl N,N-diisopropylphosphoramidate</b>	848216-15-9	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Ethyl methylphosphinate</b>	16391-07-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methylphosphonate</b>	1832-53-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methylphosphonite</b>	89034-24-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methylphosphonochloridate</b>	5284-09-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O-Ethyl methylphosphonochloridothioate</b>	2524-16-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl methylphosphonofluoridate</b>	673-97-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl methylpropylphosphoramidocyanidate</b>	870124-07-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl N-isopropyl-N-propylphosphoramidocyanidate</b>	870124-26-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethyl N,N-diethyl-P-methylphosphonamidate</b>	2404-81-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl N,N-Dimethylphosphoramidocyanidate; Tabun (GA)</b>	77-81-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>O-Ethyl O-2-diisopropylaminoethyl methylphosphonite; QL</b>	57856-11-8	2931.39.90	ML7.c.2	2008/944/CFSP
			1C350.29	(EC) 428/2009
			1B10	CWC Schedule 1
<b>Ethyl propylphosphonochloridate</b>	28830-00-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl propylphosphonofluoridate</b>	333416-15-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl S-2-diethylaminoethyl ethylphosphonothioate oxalate</b>	108302-04-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(R)-Ethyl S-2-diethylaminoethyl ethylphosphonothiolate</b>	1187548-77-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(S)-Ethyl S-2-diethylaminoethyl ethylphosphonothiolate</b>	1187548-79-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(R)-Ethyl S-2-diethylaminoethyl methylphosphonothiolate</b>	1187548-81-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(S)-Ethyl S-2-diethylaminoethyl methylphosphonothiolate</b>	1187548-82-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-diisopropylmethylammoniummethyl ethylphosphonothiolate iodide</b>	1253742-77-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-dimethylaminoethyl isopropylphosphonothiolate</b>	1253744-32-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-diisopropylammoniummethyl methylphosphonothiolate chloride</b>	1253746-35-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>O-Ethyl S-hydrogen methylphosphonothioate</b>	18005-40-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl S-2-diethylaminoethyl ethylphosphonothioate</b>	21738-25-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-diethylaminoethyl methylphosphonothioate</b>	21770-86-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-dimethylaminoethyl propylphosphonothioate</b>	218964-59-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Ethyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	218964-60-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-dipropylaminoethyl methylphosphonothioate</b>	62512-68-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(R)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate</b>	65167-63-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(S)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate</b>	65167-64-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-dicyclohexylammonium methylphosphonothioate</b>	73790-51-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethyl S-2-diisopropylaminoethyl ethylphosphonothioate</b>	73835-17-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	98543-25-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-diethylaminoethyl isopropylphosphonothioate</b>	99991-06-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl S-2-diethylaminoethyl propylphosphonothioate</b>	99991-07-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Ethyl tert-butyl ether; ETBE</b>	637-92-3	2909.19.10	VI.2.C.5 (Syria)	(EU) 36/2012
<b>2-{[Ethyl(isopropoxy)phosphoryl]thio}-N,N,N-trimethylethanaminium iodide</b>	220718-06-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[ethyl(methyl)amino]ethanethiol</b>	63210-55-9	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>Ethylamine</b>	75-04-7	2921.19.99	IX.A1.003 (Syria)	(EU) 36/2012
<b>1-Ethylbutyl methylphosphonofluoridate</b>	959218-68-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Ethylbutyl methylphosphonofluoridate</b>	126204-48-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylbutyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-91-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>4-Ethylcyclohexyl ethylphosphonofluoridate</b>	333416-65-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Ethylcyclohexyl isopropylphosphonofluoridate</b>	333416-74-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1



Chemical name	CAS number	CN code	Reference	Regulation
<b>2-Ethylcyclohexyl methylphosphonofluoridate</b>	1005257-56-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Ethylcyclohexyl methylphosphonofluoridate</b>	333416-60-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Ethylcyclohexyl propylphosphonofluoridate</b>	333416-70-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Ethyl-diethanolamine</b>	139-87-7	2922.17.00	1C350.59	(EC) 428/2009
			1C450.b.7	(EC) 428/2009
			3B15	CWC Schedule 3
<b>Ethylene</b>	74-85-1	2901.21.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Ethylene dichloride; 1,2-dichloroethane</b>	107-06-2	2903.15.00	I.C.A.001 (Syria)	(EU) 36/2012
			Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Ethylene dihydrazine</b>	N/A	2928.00.90	1C111.a.4.e	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Ethylene oxide; oxirane</b>	75-21-8	2910.10.00	IX.A1.004 (Syria)	(EU) 36/2012
			Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Ethylenedinitramine; EDNA</b>	505-71-5	2929.90.00	ML8.a.42	2008/944/CFSP
<b>2-Ethylhexyl ethylphosphonofluoridate</b>	468711-97-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Ethylhexyl isopropylphosphonofluoridate</b>	460091-27-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylhexyl isopropylphosphonofluoridate</b>	959088-13-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Ethylhexyl methylphosphonate</b>	13688-82-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1-Ethylhexyl methylphosphonofluoridate</b>	1228786-49-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Ethylhexyl methylphosphonofluoridate</b>	458-71-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylhexyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1256572-23-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Ethylhexyl N,N-dimethylphosphoramidocyanidate</b>	1253782-49-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-Ethylhexyl N,N-diethylphosphoramidocyanidate</b>	1256572-21-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Ethylhexyl N,N-diisopropylphosphoramidocyanidate</b>	1256572-22-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Ethylhexyl N,N-dipropylphosphoramidocyanidate</b>	1256572-24-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2-Ethylhexyl N,N-dimethylphosphoramidocyanidate</b>	1311200-06-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2-Ethylhexyl propylphosphonofluoridate</b>	952104-36-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylhexyl propylphosphonofluoridate</b>	959088-14-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(2-ethylhexyl) phosphoric acid; HDEHP</b>	298-07-7	2919.90.00	II A1.001 (DPRK)	(EU) 2017/1509
<b>2-(Ethylisopropylamino)ethanethiol</b>	36759-67-8	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(Ethylisopropylamino)ethanol</b>	2893-61-0	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>Ethylisopropylphosphoramidic dichloride</b>	777943-37-0	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>2-(Ethylmethylamino)ethanol</b>	2893-43-8	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>Ethylmethylphosphoramidic dichloride</b>	777943-34-7	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>2-(ethylnitroamino)ethyl nitrate; Ethyl-NENA</b>	85068-73-1	2929.90.00	ML8.e.14	2008/944/CFSP
<b>1-Ethylpentyl methylphosphonofluoridate</b>	959098-89-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylpentyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-84-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Ethylphosphinyl dichloride</b>	1498-40-4	2931.39.90	1C350.21	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethylphosphinyl difluoride</b>	430-78-4	2931.39.90	1C350.35	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Ethylphosphonic acid</b>	6779-09-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethylphosphonothioic dichloride</b>	993-43-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethylphosphonothioic O,O-acid</b>	13991-98-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethylphosphonyl dichloride</b>	1066-50-8	2931.39.90	1C350.22	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Ethylphosphonyl difluoride</b>	753-98-0	2931.39.90	ML7.c.1	2008/944/CFSP
			1C350.23	(EC) 428/2009
			1B09	CWC Schedule 1
<b>1-Ethylpropyl ethylphosphonofluoridate</b>	959086-48-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylpropyl methylphosphonofluoridate</b>	66348-71-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylpropyl propylphosphonofluoridate</b>	959088-15-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Ethylpropyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	1253739-92-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1-Ethylpropyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	958997-65-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-(Ethylpropylamino)ethanethiol</b>	1018124-39-4	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(Ethylpropylamino)ethanol</b>	2893-56-3	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>Ethylpropylphosphoramidic dichloride</b>	777943-38-1	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>exo-tetrahydro-dicyclopentadiene</b>	2825-82-3	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Fenamidone</b>	161326-34-7	2933.29.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fenarimol</b>	60168-88-9	2933.59.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fenbutatin oxide</b>	13356-08-6	2931.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fenitrothion</b>	122-14-5	2920.19.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Fenpropathrin</b>	39515-41-8	2926.90.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Fenthion</b>	55-38-9	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fentin acetate</b>	900-95-8	2931.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fentin hydroxide</b>	76-87-9	2931.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fenvalerate</b>	51630-58-1	2926.90.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Ferbam</b>	14484-64-1	2930.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Ferrocene carboxylic acid</b>	1271-42-7	2931.90.00	ML8.f.4.c	2008/944/CFSP
			1C111.c.6.m	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>1,1'-Ferrocenedicarboxylic acid</b>	1293-87-4	2931.90.00	ML8.f.4.c	2008/944/CFSP
			1C111.c.6.m	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Fipronil</b>	120068-37-3	2933.19.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Flufenoxuron</b>	101463-69-8	2919.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Fluorine; F<sub>2</sub></b>	7782-41-4	2801.30.10	II.A1.002 (Iran)	(EU) 2016/1375
			II.A1.002 (DPRK)	(EU) 2017/1509
<b>1-fluoro-2,4-dinitroimidazole; FDIA</b>	N/A	2933.29.90	ML8.a.16.c	2008/944/CFSP
<b>Fluoroacetamide</b>	640-19-7	2924.12.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Fluoroapatite</b>	1306-05-4	2835.39.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Flupyrsulfuron-methyl; DPX KE 459</b>	144740-53-4	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Flupyrsulfuron-methyl-sodium</b>	144740-54-5	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Flupyrsulfuron</b>	150315-10-9	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Flurenol</b>	467-69-6	2918.19.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Flurprimidol</b>	56425-91-3	2933.59.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Flurtamone</b>	96525-23-4	2932.19.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Furathiocarb</b>	65907-30-4	2932.99.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>5,6-(3',4'-furazano)- 1,2,3,4-tetrazine-1,3-dioxide; FTDO</b>	N/A	2934.99.90	ML8.a.41	2008/944/CFSP
<b>Gadolinium-148; <sup>148</sup>Gd</b>	14119-21-2	2844.40.80	1C236	(EC) 428/2009
<b>Gallium selenide; GaSe</b>	12024-11-2	2842.90.10	6C004.b	(EC) 428/2009
<b>Glufosinate</b>	51276-47-2	2931.39.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Glufosinate-ammonium</b>	77182-82-2	2931.39.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Glycidylazide polymer; GAP</b>	143178-24-9	3911.90.99	ML8.e.11	2008/944/CFSP

Chemical name	CAS number	CN code	Reference	Regulation
Graphite	7782-42-5	3801.10.00	0C004	(EC) 428/2009
			1C107	(EC) 428/2009
Guanidine nitrate	506-93-4	2925.29.00	1C011.c	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
Guanylurea dinitramide; GUDN	217464-38-5	2925.29.00	ML8.a.37	2008/944/CFSP
Guazatine	108173-90-6	3808.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
Guazatine acetate	115044-19-4	3808.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
Hafnium tetrafluoride; HfF <sub>4</sub>	13709-52-9	2826.19.90	1C231	(EC) 428/2009
Hafnium boride; HfB <sub>2</sub>	12007-23-7	2850.00.90	1C231	(EC) 428/2009
Hafnium carbide; HfC <sub>4</sub>	12069-85-1	2849.90.90	1C231	(EC) 428/2009
Hafnium dioxide; HfO <sub>2</sub>	12055-23-1	2825.90.85	1C231	(EC) 428/2009
Hafnium nitride; HfN	25817-87-2	2850.00.20	1C231	(EC) 428/2009
Hafnium oxychloride; HfOCl <sub>2</sub>	13759-17-6	2827.49.90	1C231	(EC) 428/2009
Hafnium powder	7440-58-6	8112.92.10	1C231	(EC) 428/2009
Hafnium silicate; HfSiO <sub>4</sub>	13870-13-8	2839.90.00	1C231	(EC) 428/2009
Hafnium sulphide; HfS <sub>2</sub>	18855-94-2	2830.90.85	1C231	(EC) 428/2009
Heavy water; D <sub>2</sub> O	7789-20-0	2845.10.00	0C003	(EC) 428/2009
Helium-3; <sup>3</sup> He	14762-55-1	2845.90.90	1C232	(EC) 428/2009
Heptabromodiphenyl ether	68928-80-3	2909.30.38	Annex V Part 1	(EU) 649/2012 (PIC)
Heptachlor	76-44-8	2903.82.00	Annex V Part 1	(EU) 649/2012 (PIC)
Heptyl diisopropylphosphoramidocyanidate	959231-41-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
Heptyl dimethylphosphoramidocyanidate	162085-91-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
Heptyl dipropylphosphoramidocyanidate	959304-97-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
Heptyl ethylphosphonofluoridate	162085-85-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
Heptyl isopropylphosphonofluoridate	333416-33-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
Heptyl methylphosphonate	170275-32-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
Heptyl methylphosphonofluoridate	162085-82-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Heptyl N,N-diethylphosphoramidocyanidate</b>	870124-32-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Heptyl propylphosphonofluoridate</b>	333416-19-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Heptyl S-2-diethylaminoethylmethylphosphonothioate</b>	468712-17-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Heptyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-29-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Heptyl S-2-diisopropylaminoethyl isopropylphosphonothioate</b>	959233-58-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Hexabenzylhexaazaisowurtzitane; HBIW</b>	124782-15-6	2933.59.95	ML8.g.3	2008/944/CFSP
<b>Hexabromobiphenyl</b>	36355-01-8	2903.94.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b><math>\alpha</math>-hexabromocyclododecane</b>	134237-50-6	2903.89.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b><math>\beta</math>-hexabromocyclododecane</b>	134237-51-7	2903.89.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b><math>\gamma</math>-hexabromocyclododecane</b>	134237-52-8	2903.89.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Hexabromocyclododecane</b>	25637-99-4	2903.89.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b>1,2,5,6,9,10-hexabromocyclododecane</b>	3194-55-6	2903.89.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Hexabromodiphenyl ether</b>	36483-60-0	2909.30.38	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Hexachlorobenzene</b>	118-74-1	2903.92.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Hexachlorobutadiene</b>	87-68-3	2903.29.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>1,2,3,4,5,6-hexachlorocyclohexane</b>	608-73-1	2903.81.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Hexachloroethane</b>	67-72-1	2903.19.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Hexamethylenetetramine; Hexamine</b>	100-97-0	2933.69.40	IX.A1.003 (Syria)	(EU) 36/2012
			Annex II (explosives)	(EU) 2019/1148
<b>Hexanitroadamantane; HNAD</b>	143850-71-9	2904.20.00	ML8.a.14	2008/944/CFSP
<b>Hexanitrohexaazaisowurtzitane; CL-20 or HNIW</b>	135285-90-4	2933.99.80	ML8.a.4	2008/944/CFSP
<b>Hexanitrostilbene; HNS</b>	20062-22-0	2904.20.00	ML8.a.15	2008/944/CFSP
<b>Hexazinone</b>	51235-04-2	2933.69.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Hexyl diisopropylphosphoramidocyanidate</b>	870124-39-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl dimethylphosphoramidocyanidate</b>	162085-90-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Hexyl ethylphosphonofluoridate</b>	135445-19-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Hexyl isopropylphosphonofluoridate</b>	333416-32-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Hexyl methylphosphonate</b>	148456-69-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Hexyl methylphosphonofluoridate</b>	113548-89-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Hexyl methylpropylphosphoramidocyanidate</b>	870124-10-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl N-ethyl-N-methylphosphoramidocyanidate</b>	870124-06-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl N-ethyl-N-propylphosphoramidocyanidate</b>	870124-21-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	870124-25-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl N,N-dipropylphosphoramidocyanidate</b>	870124-36-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Hexyl propylphosphonofluoridate</b>	333416-18-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Hexyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-15-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Hexyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-25-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Hexyl S-2-dimethylaminoethyl methylphosphonothioate</b>	69777-00-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Hexyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	82721-31-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Hydrazine</b>	302-01-2	2825.10.00	ML8.c.4.a	2008/944/CFSP
<b>Hydrazine nitrate</b>	37836-27-4	2825.10.00	ML8.d.8	2008/944/CFSP
<b>Hydrazinium azide</b>	14546-44-2	2825.10.00	1C111.a.4.h	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375

Chemical name	CAS number	CN code	Reference	Regulation
<b>Hydrazinium dinitrate</b>	13464-98-7	2825.10.00	1C111.a.4.j	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Hydrazinium diperchlorate</b>	13812-39-0	2825.10.00	1C111.a.4.n	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Hydrazinium nitroformate; HNF</b>	20773-28-8	2928.00.90	ML8.d.7	2008/944/CFSP
<b>Hydrazinium perchlorate</b>	27978-54-7	2825.10.00	ML8.d.9	2008/944/CFSP
			1C111.a.4.m	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Hydrogen chloride</b>	7647-01-0	2806.10.00	Cat. 3 (drug precursor)	(EC) 111/2005
			IX.A1.004 (Syria)	(EU) 36/2012
<b>Hydrogen cyanide; HCN</b>	74-90-8	2811.12.00	1C450.a.6	(EC) 428/2009
			3A03	CWC Schedule 3
<b>Hydrogen fluoride; HF</b>	7664-39-3	2811.11.00	1C350.24	(EC) 428/2009
<b>Hydrogen peroxide; H<sub>2</sub>O<sub>2</sub></b>	7722-84-1	2847.00.00	Annex I (explosives)	(EU) 2019/1148
<b>Hydrogen sulphide</b>	7783-06-04	2811.19.80	IX.A1.004 (Syria)	(EU) 36/2012
<b>3-Hydroxy-1-methylpiperidine</b>	3554-74-3	2933.39.99	1C350.10	(EC) 428/2009
<b>(2-Hydroxyethyl)dipropan-1-ylammonium chloride</b>	4535-76-6	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>2-hydroxyethylhydrazine nitrate; HEHN</b>	N/A	2928.00.90	1C111.a.4.l	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Hydroxyl terminated polybutadiene; HTPB</b>	69102-90-5	4002.20.00	1C111.b.2	(EC) 428/2009
			ML8.e.12	2008/944/CFSP
			Annex II (Iran)	(EU) 2016/1375
<b>Hydroxylammonium nitrate; HAN</b>	13465-08-2	2825.10.00	ML8.d.5	2008/944/CFSP
<b>Hydroxylammonium perchlorate; HAP</b>	15588-62-2	2825.10.00	ML8.d.6	2008/944/CFSP
<b>Imidacloprid</b>	138261-41-3	2933.39.99	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Iminoctadine</b>	13516-27-3	2925.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Indolylacetic acid</b>	87-51-4	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Inhibited red fuming nitric acid; IRFNA</b>	8007-58-7	2808.00.00	ML8.d.10	2008/944/CFSP
			1C111.a.3.e	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Iprodione</b>	36734-19-7	2933.21.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Iron powder</b>	7439-89-6	7205.29.00	ML8.c.5.a.2	2008/944/CFSP



Chemical name	CAS number	CN code	Reference	Regulation
<b>Iso-propyl ferrocene</b>	12126-81-7	2931.90.00	ML8.f.4.g	2008/944/CFSP
			1C111.c.6.c	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Iso-butanol</b>	78-83-1	2905.14.90	IX.A1.004 (Syria)	(EU) 36/2012
<b>1-Isobutyl-3-methylbutyl methylphosphonofluoridate</b>	193090-16-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isobutyl-3-methylbutyl ethylphosphonofluoridate</b>	959262-99-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isobutyl diisopropylphosphoramidocyanidate</b>	870124-38-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl dimethylphosphoramidocyanidate</b>	162085-88-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl ethylisopropylphosphoramidocyanidate</b>	870124-23-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl ethylmethylphosphoramidocyanidate</b>	870124-04-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl ethylphosphonofluoridate</b>	2261-83-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isobutyl ethylpropylphosphoramidocyanidate</b>	870124-19-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl isopropylphosphonochloridate</b>	170082-70-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isobutyl isopropylphosphonofluoridate</b>	333416-40-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isobutyl methylphosphonate</b>	1604-38-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isobutyl methylphosphonochloridate</b>	18359-05-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isobutyl methylphosphonofluoridate</b>	2053-81-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>O-Isobutyl methylphosphonothioate</b>	20626-99-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Isobutyl N-methyl-N-propylphosphoramidocyanidate</b>	1253782-86-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl N-isopropyl-N-methylphosphoramidocyanidate</b>	1281955-87-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1281955-88-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl N,N-diethylphosphoramidocyanidate</b>	1253782-85-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl N,N-dipropylphosphoramidocyanidate</b>	1281955-89-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isobutyl propylphosphonochloridate</b>	13213-47-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isobutyl propylphosphonofluoridate</b>	333416-26-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isobutyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	1253771-21-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-dipropylaminoethyl methylphosphonothioate</b>	1253772-23-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-diethylaminoethyl methylphosphonothioate</b>	159939-87-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-21-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-diethylaminoethyl propylphosphonothioate</b>	468712-36-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-diethylaminoethyl isopropylphosphonothioate</b>	468712-47-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-dimethylaminoethyl methylphosphonothioate</b>	56217-65-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isobutyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	855307-83-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isocyanomethane</b>	624-83-9	2929.10.00	IX.A1.001 (Syria)	(EU) 36/2012
<b>Isononylphenol</b>	11066-49-2	2907.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Isononylphenol ethoxilated</b>	37205-87-1	3402.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Isopentyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-23-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1,1'-Isophthaloyl-bis(2-methylaziridine)</b>	7652-64-4	2933.99.80	ML8.f.17.b	2008/944/CFSP
<b>Isopropanol</b>	67-63-0	2905.12.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide</b>	1866-98-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>(R)-2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium iodide</b>	26348-71-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[[Isopropoxy(methyl)phosphoryl]thio]-N,N,N-trimethylethanaminium</b>	56217-69-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-(N-Isopropyl-N-methylamino)ethanethiol hydrochloride</b>	1017861-29-8	2930.90.98	2B12	CWC Schedule 2
			1C450.b.6	(EC) 428/2009
<b>2-(N-Isopropyl-N-propylamino)ethanethiol hydrochloride</b>	1017861-45-8	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>1-Isopropyl-2-methylpropyl methylphosphonofluoridate</b>	113548-85-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1252610-36-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl N,N-diethylphosphoramidocyanidate</b>	1256634-87-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-88-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl N,N-dimethylphosphoramidocyanidate</b>	1256634-89-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl N,N-dipropylphosphoramidocyanidate</b>	1256634-90-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate</b>	1262582-99-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Isopropyl-5-methylcyclohexyl isopropylphosphonofluoridate</b>	1262583-00-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropyl-2-methylpentyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1311200-15-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate</b>	1353011-93-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl ethylphosphonofluoridate</b>	345260-79-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl isopropylphosphonofluoridate</b>	345260-80-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropyl-2-methylpropyl propylphosphonofluoridate</b>	345260-81-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropyl 1,2,2-trimethylpropyl methylphosphonate</b>	92411-67-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl bromide</b>	75-26-3	2903.39.19	IX.A1.003 (Syria)	(EU) 36/2012
<b>Isopropyl diethylphosphoramidocyanidate</b>	870124-30-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl dimethylphosphoramidocyanidate</b>	63815-55-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl ether</b>	108-20-3	2909.19.90	IX.A1.003 (Syria)	(EU) 36/2012
<b>Isopropyl ethylmethylphosphoramidocyanidate</b>	870124-02-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl ethylphosphonate</b>	170135-50-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl ethylphosphonochloridate</b>	28829-95-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl ethylphosphonofluoridate</b>	1189-87-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropyl ethylpropylphosphoramidocyanidate</b>	870124-18-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl isopropylmethylphosphoramidocyanidate</b>	870124-12-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl isopropylphosphonate</b>	249934-15-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl isopropylphosphonofluoridate</b>	665-33-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropyl methyl isopropylphosphonate</b>	331954-04-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Isopropyl methyl phosphonic acid</b>	1832-54-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl methyl propylphosphonate</b>	211923-89-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O-Isopropyl methylphosphonofluoridate; Sarin (GB)</b>	107-44-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropyl methylpropylphosphoramidocyanidate</b>	870124-08-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	1253782-69-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1256634-92-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl N,N-diisopropylphosphoramidocyanidate</b>	1252610-37-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl N,N-dipropylphosphoramidocyanidate</b>	1256634-93-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Isopropyl propylphosphonate</b>	53621-99-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropyl propylphosphonofluoridate</b>	18358-37-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropyl S-2-diethylpropylammoniummethyl ethylphosphonothioate iodide</b>	1253752-57-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-dimethylpropylammoniummethyl ethylphosphonothioate iodide</b>	1253753-51-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-dimethylaminoethyl (S)-methylphosphonothioate</b>	13915-98-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-dimethylaminoethyl (R)-methylphosphonothioate</b>	13915-99-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	162085-92-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diethylaminoethyl ethylphosphonothioate</b>	162085-93-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diisopropylaminoethyl ethylphosphonothioate</b>	162085-95-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Isopropyl S-2-dimethylaminoethyl methylphosphonothioate</b>	21068-52-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diethylaminoethyl propylphosphonothioate</b>	468712-34-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	51446-23-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diethylaminoethyl methylphosphonothioate</b>	91134-95-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Isopropyl S-2-diisopropylaminoethyl isopropylphosphonothioate</b>	959289-50-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-[isopropyl(methyl)amino]ethanethiol</b>	36759-66-7	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-[isopropyl(methyl)amino]ethanol</b>	2893-49-4	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>2-[isopropyl(propyl)amino]ethanethiol</b>	36759-68-9	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-[isopropyl(propyl)amino]ethanol</b>	4535-77-7	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>1-Isopropylbutyl ethylphosphonofluoridate</b>	345260-71-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropylbutyl isopropylphosphonofluoridate</b>	345260-72-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropylbutyl methylphosphonofluoridate</b>	345260-70-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Isopropylbutyl propylphosphonofluoridate</b>	345260-73-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Isopropylmethylphosphoramidic dichloride</b>	777943-36-9	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2
<b>Isopropylphosphonic dichloride</b>	1498-46-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isopropylphosphonic difluoride</b>	677-42-9	2931.39.90	ML7.c.1	2008/944/CFSP
			1B09	CWC Schedule 1
<b>Isopropylphosphonothioic dichloride</b>	1498-60-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Isopropylphosphonous dichloride</b>	25235-15-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Isoproturon</b>	34123-59-6	2924.21.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Isosafrole</b>	120-58-1	2932.91.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Isoxathion</b>	18854-01-8	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead-copper chelates of beta-resorcyate or salicylates</b>	68411-07-4	3824.99.93	ML8.f.7	2008/944/CFSP
<b>Lead 2,4,6-trinitrobenzene-1,3-diolate</b>	15245-44-0	2908.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead β-resorcyate</b>	20936-32-7	2918.29.00	ML8.f.5	2008/944/CFSP
<b>Lead carbonate; PbCO<sub>3</sub></b>	598-63-0	2836.99.17	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead chromate; PbCrO<sub>4</sub></b>	7758-97-6	2841.15.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead citrate</b>	14450-60-3	2918.15.00	ML8.f.6	2008/944/CFSP
<b>Lead diacetate</b>	301-04-2	2915.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead diazide</b>	13424-46-9	2850.00.60	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead hexafluorosilicate</b>	25808-74-6	2826.90.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead hydrogenarsenate</b>	7784-40-9	2842.90.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lead maleate</b>	19136-34-6	2917.19.80	ML8.f.8	2008/944/CFSP
<b>Lead salicylate</b>	15748-73-9	2918.21.00	ML8.f.9	2008/944/CFSP
<b>Lead stannate; PbSnO<sub>3</sub></b>	12036-31-6	2841.90.85	ML8.f.10	2008/944/CFSP
<b>Lead sulphate; PbSO<sub>4</sub></b>	7446-14-2	2833.29.60	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>LICA 12</b>	103850-22-2	2919.90.00	ML8.f.15.a	2008/944/CFSP
<b>Lindane</b>	58-89-9	2903.81.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>α-Lindane; α-hexachlorocyclohexane</b>	319-84-6	2903.81.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>β-Lindane; β-hexachlorocyclohexane</b>	319-85-7	2903.81.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Linuron</b>	330-55-2	2928.00.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Lithium-6; <sup>6</sup>Li</b>	14258-72-1	2845.90.90	1C233	(EC) 428/2009
<b>Lithium perfluorooctane sulfonate</b>	29457-72-5	2904.33.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Lysergic acid</b>	82-58-6	2939.63.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Magnesium powder</b>	7439-95-4	8104.30.00	ML8.c.5.b.1	2008/944/CFSP
			1C011.a	(EC) 428/2009
			1C111.a.2.a.3	(EC) 428/2009
			1C228	(EC) 428/2009
			Annex II (explosives)	(EU) 2019/1148
			Annex II (Iran)	(EU) 2016/1375

Chemical name	CAS number	CN code	Reference	Regulation
<b>Magnesium nitrate hexahydrate; Mg(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O</b>	13446-18-9	2834.29.80	Annex II (explosives)	(EU) 2019/1148
<b>Malathion</b>	121-75-5	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Maleic hydrazide</b>	123-33-1	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Maleic hydrazide pcholine salt</b>	61167-10-0	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Maleic hydrazide potassium salt</b>	51542-52-0	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Maleic hydrazide sodium salt</b>	28330-26-9	2933.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Mandelic acid</b>	90-64-2	2918.19.98	IX.A1.004 (Syria)	(EU) 36/2012
<b>Maneb</b>	12427-38-2	3824.99.93	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Mercury</b>	7439-97-6	Subheading 2805.40	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Mercury (II) nitrate; Hg(NO<sub>3</sub>)<sub>2</sub></b>	10045-94-0	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Mercury (II) oxide; HgO</b>	21908-53-2	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Mercury Cadmium telluride; HgCdTe</b>	29870-72-2	2842.90.10	6C002.b.3	(EC) 428/2009
<b>Mercury dithiocyanate; Hg(SCN)<sub>2</sub></b>	592-85-8	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Mercury sulphide; HgS</b>	1344-48-5	2852.10.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Methamidophos</b>	10265-92-6	2930.80.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Methanol</b>	67-56-1	2905.11.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Methidathion</b>	950-37-8	2934.99.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Methomyl</b>	16752-77-5	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>2-methoxyethanol</b>	109-86-4	2909.44.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>N-Methyl-p-nitroaniline</b>	100-15-2	2921.42.00	ML8.f.13	2008/944/CFSP
<b>2-(N-Methyl-N-propylamino)ethanethiol hydrochloride</b>	1017861-26-5	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>2-(N-Methyl-N-propylamino)ethanethiol</b>	1018124-38-3	2930.90.98	1C450.b.6	(EC) 428/2009
			2B12	CWC Schedule 2
<b>Methyl-(1-(diethylamino)ethylidene)phosphonamidofluoridate; Novichok A-230</b>	2387496-12-8	2931.39.90	1A13	CWC Schedule 1
<b>Methyl-(bis(diethylamino)methylene)phosphonamidofluoridate; Novichok A-242</b>	2387496-14-0	2931.39.90	1A15	CWC Schedule 1
<b>Methyl-parathion</b>	298-00-0	2920.11.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>N-methyl-P,P-bis(2-methylaziridin-1-yl) phosphinamide; Methyl BAPO</b>	85068-72-0	2933.99.80	ML8.f.12	2008/944/CFSP
<b>Methyl (1-(diethylamino)ethylidene)phosphoramidofluoridate; Novichok A-232</b>	2387496-04-8	2929.90.00	1A14	CWC Schedule 1



Chemical name	CAS number	CN code	Reference	Regulation
<b>Methyl 1,2,2-trimethylpropyl methylphosphonate</b>	7040-59-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl 2-methyl-3-phenyloxirane-2-carboxylate</b>	80532-66-7	2918.99.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Methyl 3-(trimethoxysilyl)propyl methylphosphonate</b>	67812-17-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl alpha-phenylacetoacetate; MAPA</b>	16648-44-5	2918.30.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Methyl benzilate</b>	76-89-1	2918.19.98	1C350.25	(EC) 428/2009
<b>Methyl bromide</b>	74-83-9	2903.39.11	IX.A1.003 (Syria)	(EU) 36/2012
			Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Methyl chloride</b>	74-87-3	2903.11.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Methyl chlorofluorophosphate</b>	754-01-8	2920.90.70	1C350.71	(EC) 428/2009
<b>Methyl dichlorophosphate</b>	677-24-7	2920.90.70	1C350.66	(EC) 428/2009
<b>Methyl diethylphosphoramidocyanidate</b>	870124-43-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl difluorophosphate</b>	22382-13-4	2920.90.70	1C350.68	(EC) 428/2009
<b>Methyl diisopropylphosphoramidocyanidate</b>	870124-47-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl dimethylphosphoramidocyanidate</b>	63815-56-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl dipropylphosphoramidocyanidate</b>	870124-46-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl ethyl ketone; MEK</b>	78-93-3	2914.12.00	Cat. 3 (drug precursor)	(EC) 111/2005
<b>Methyl ethylmethylphosphoramidocyanidate</b>	870124-40-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>O-Methyl ethylphosphonochloridothioate</b>	1497-69-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl ethylphosphonofluoridate</b>	665-03-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Methyl ethylpropylphosphoramidocyanidate</b>	870124-45-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl iodide</b>	74-88-4	2903.39.80	IX.A1.004 (Syria)	(EU) 36/2012
<b>Methyl isopropylmethylphosphoramidocyanidate</b>	870124-42-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Methyl isopropylphosphonate</b>	249934-13-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl isopropylphosphonofluoridate</b>	648-59-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Methyl isopropylpropylphosphoramidocyanidate</b>	870124-48-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl mercaptan</b>	74-93-1	2930.90.98	IX.A1.004 (Syria)	(EU) 36/2012
<b>Methyl methylphosphonate</b>	1066-53-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>S-Methyl methylphosphonochloridothioate</b>	13113-89-8	2930.90.98	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>O-Methyl methylphosphonochloridothioate</b>	2524-15-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl methylphosphonofluoridate</b>	353-88-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>S-Methyl methylphosphonothioate</b>	73675-56-6	2930.90.98	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl methylpropylphosphoramidocyanidate</b>	870124-41-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	870124-44-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Methyl propyl isopropylphosphonate</b>	741700-63-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl propyl propylphosphonate</b>	18755-44-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methyl propylphosphonofluoridate</b>	333416-14-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Methyl S-2-dimethylaminoethyl methylphosphonothioate</b>	108490-92-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyl S-2-diisopropylaminoethyl ethylphosphonothioate</b>	162085-94-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyl S-2-diethylaminoethyl ethylphosphonothioate</b>	170800-77-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Methyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	198830-32-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyl S-2-diethylaminoethyl methylphosphonothioate</b>	203385-78-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	468712-18-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyl tert-butyl ether; MTBE</b>	1634-04-4	2909.19.90	VI.2.C.5 (Syria)	(EU) 36/2012
<b>Methylamine</b>	74-89-5	2921.11.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>1-Methylbutyl ethylphosphonofluoridate</b>	333416-09-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylbutyl ethylphosphonofluoridate</b>	468711-94-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylbutyl ethylphosphonofluoridate</b>	468711-95-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylbutyl isopropylphosphonofluoridate</b>	333416-37-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylbutyl isopropylphosphonofluoridate</b>	952104-39-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylbutyl isopropylphosphonofluoridate</b>	952104-40-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylbutyl methylphosphonate</b>	198885-54-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>3-Methylbutyl methylphosphonofluoridate</b>	22107-46-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylbutyl methylphosphonofluoridate</b>	468711-90-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylbutyl methylphosphonofluoridate</b>	761-93-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylbutyl N,N-diisopropylphosphoramidocyanidate</b>	1311200-13-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylbutyl propylphosphonofluoridate</b>	333416-23-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylbutyl propylphosphonofluoridate</b>	468712-02-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>3-Methylbutyl propylphosphonofluoridate</b>	468712-03-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate</b>	1253735-73-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate</b>	1253735-78-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate</b>	1253735-81-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate</b>	1253735-83-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3-Methylbutyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-12-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylcyclohexyl ethylphosphonofluoridate</b>	1353011-76-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylcyclohexyl ethylphosphonofluoridate</b>	333416-64-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Methylcyclohexyl ethylphosphonofluoridate</b>	468711-96-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylcyclohexyl isopropylphosphonofluoridate</b>	333416-73-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Methylcyclohexyl isopropylphosphonofluoridate</b>	468712-08-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylcyclohexyl methylphosphonofluoridate</b>	113548-86-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Methylcyclohexyl methylphosphonofluoridate</b>	113548-87-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylcyclohexyl methylphosphonofluoridate</b>	85473-32-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylcyclohexyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-85-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>3-Methylcyclohexyl propylphosphonofluoridate</b>	333416-69-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylcyclopentyl ethylphosphonofluoridate</b>	1280106-36-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>2-Methylcyclopentyl ethylphosphonofluoridate</b>	1005164-70-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylcyclopentyl isopropylphosphonofluoridate</b>	1005176-59-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylcyclopentyl propylphosphonofluoridate</b>	1005176-60-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylcyclopentyl S-2-dimethylaminoethyl ethylphosphonothiolate</b>	1253736-58-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylcyclopentyl S-2-dimethylaminoethyl methylphosphonothiolate</b>	1253736-59-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Methyldiethanolamine</b>	105-59-9	2922.17.00	1C450.b.8	(EC) 428/2009
			3B16	CWC Schedule 3
<b>3,4-Methylenedioxyphenyl-2-propanone; MDP2P</b>	4676-39-5	2932.92.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>1-Methylheptyl ethylphosphonofluoridate</b>	468711-98-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylheptyl isopropylphosphonofluoridate</b>	468712-09-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylheptyl methylphosphonate</b>	148456-51-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>(1S)-1-Methylheptyl methylphosphonofluoridate</b>	22925-96-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylheptyl methylphosphonofluoridate</b>	22925-97-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(1R)-1-Methylheptyl methylphosphonofluoridate</b>	24753-12-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylheptyl N,N-diisopropylphosphoramidocyanidate</b>	1254103-95-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylheptyl propylphosphonofluoridate</b>	468712-06-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylhexyl ethylphosphonofluoridate</b>	333416-10-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylhexyl isopropylphosphonofluoridate</b>	333416-38-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>1-Methylhexyl methylphosphonofluoridate</b>	674-95-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylhexyl N-methyl-N-propylphosphoramidocyanidate</b>	1311200-11-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylhexyl N,N-dimethylphosphoramidocyanidate</b>	1311200-08-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylhexyl propylphosphonofluoridate</b>	333416-24-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Methylhydrazine nitrate</b>	29674-96-2	2928.00.90	1C111.a.4.o	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>2-(methylnitroamino)ethyl nitrate; Methyl-NENA</b>	17096-47-8	2929.90.00	ML8.e.14	2008/944/CFSP
<b>1-Methylnonyl ethylphosphonofluoridate</b>	1254104-37-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylnonyl isopropylphosphonofluoridate</b>	1280106-25-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylnonyl methylphosphonofluoridate</b>	211192-71-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylnonyl N-methyl-N-propylphosphoramidocyanidate</b>	1311200-10-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methyloctyl ethylphosphonofluoridate</b>	333416-11-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methyloctyl isopropylphosphonofluoridate</b>	333416-39-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methyloctyl methylphosphonofluoridate</b>	1228786-50-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methyloctyl methylphosphonofluoridate</b>	211192-72-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methyloctyl propylphosphonofluoridate</b>	333416-25-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylpentyl ethylphosphonofluoridate</b>	333416-12-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylpentyl ethylphosphonofluoridate</b>	959263-01-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>4-Methylpentyl ethylphosphonofluoridate</b>	959276-46-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylpentyl isopropylphosphonofluoridate</b>	333416-41-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylpentyl methylphosphonate</b>	944146-50-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>4-Methylpentyl methylphosphonate</b>	944146-51-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1-Methylpentyl methylphosphonofluoridate</b>	13172-12-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3-Methylpentyl methylphosphonofluoridate</b>	199850-60-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylpentyl methylphosphonofluoridate</b>	333416-05-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-Methylpentyl methylphosphonofluoridate</b>	959010-20-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-Methylpentyl N-ethyl-N-methylphosphoramidocyanidate</b>	1311200-09-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylpentyl N,N-diethylphosphoramidocyanidate</b>	1252610-35-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1-Methylpentyl N,N-dimethylphosphoramidocyanidate</b>	1311200-07-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>2-Methylpentyl propylphosphonofluoridate</b>	333416-27-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Methylpentyl S-2-dimethylaminoethyl ethylphosphonothiolate</b>	1253739-96-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1-Methylpentyl S-2-dipropylaminoethyl methylphosphonothiolate</b>	1253740-08-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylpentyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-14-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1-Methylpentyl S-2-dimethylaminoethyl methylphosphonothioate</b>	79351-19-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>4-Methylpentyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	959054-90-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>4-Methylpentyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959259-06-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-Methylpentyl S-2-diethylaminoethyl ethylphosphonothioate</b>	959288-71-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2-methyl-3-phenyloxirane-2- carboxylic acid</b>	25547-51-7	2918.99.90	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Methylphosphinic acid</b>	4206-94-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphinyl dichloride</b>	676-83-5	2931.39.90	1C350.26	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphinyl difluoride</b>	753-59-3	2931.39.90	1C350.36	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonic acid</b>	993-13-5	2931.39.90	1C350.55	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonic acid compound with (aminoiminomethyl)urea (1:1)</b>	84402-58-4	2931.38.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>P-methylphosphonic diamide</b>	4759-30-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonothioic dichloride</b>	676-98-2	2931.39.90	1C350.63	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonothioic O,O-acid</b>	5994-73-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonyl dichloride</b>	676-97-1	2931.39.30	1C350.5	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1-Methylprop-2-yn-1-yl methylphosphonofluoridate</b>	30593-71-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>2-Methylpropyl methyl methylphosphonate</b>	150799-85-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>2-(Methylpropylamino)ethanol</b>	2893-45-0	2922.19.00	1C450.b.5	(EC) 428/2009
			2B11	CWC Schedule 2
<b>Methylpropylphosphoramidic dichloride</b>	777943-35-8	2929.90.00	1C450.b.2	(EC) 428/2009
			2B05	CWC Schedule 2



Chemical name	CAS number	CN code	Reference	Regulation
<b>N-Methylpyrrolidone</b>	872-50-4	2933.79.00	VI.2.C.2 (Syria)	(EU) 36/2012
<b>Methyltriphenoxyphosphonium iodide</b>	17579-99-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Methylphosphonyl difluoride; DF</b>	676-99-3	2931.39.20	ML7.c.1	2008/944/CFSP
			1C350.4	(EC) 428/2009
			1B09	CWC Schedule 1
<b>Metoxuron</b>	19937-59-8	2924.21.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Mirex</b>	2385-85-5	2903.83.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Mixed oxydes of nitrigen; MON<sub>x</sub></b>	N/A	3824.99.96	1C111.a.3.d	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Mixture of CAS RN 41203-81-0 and CAS RN 42595-45-9</b>	170836-68-7	3824.91.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Molybdenum powder</b>	7439-98-7	8102.10.00	1C117.b	(EC) 428/2009
<b>Monocrotophos</b>	6923-22-4	2924.12.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Monoethyleneglycol; MEG</b>	107-21-1	2905.31.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Monoisopropylamine</b>	75-31-0	2921.19.99	IX.A1.003 (Syria)	(EU) 36/2012
<b>Monolinuron</b>	1746-81-2	2928.00.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Monomethyl-Tetrachlorodiphenyl methane; Ugilec 141</b>	76253-60-6	2903.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Monomethyl-dibromo-diphenyl methane; DBBT</b>	99688-47-8	2903.99.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Monomethylhydrazine</b>	60-34-4	2928.00.90	ML8.c.4.b	2008/944/CFSP
<b>Monomethylhydrazine dinitrate</b>	N/A	2928.00.90	1C111.a.4.f	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Monuron</b>	150-68-5	2924.21.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Naled</b>	300-76-5	2919.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Naphthalen-2-amine monohydrochloride</b>	612-52-2	2921.45.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-naphthylamine</b>	91-59-8	2921.45.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-naphthylammonium acetate</b>	553-00-4	2921.45.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-Naphthyloxyacetic acid</b>	120-23-0	2918.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nickel powder</b>	7440-02-0	7504.00.00	0C005	(EC) 428/2009
			1C240	(EC) 428/2009
<b>Nicotine</b>	54-11-5	2939.79.10	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>3-Nitrazo-1,5-pentane diisocyanate</b>	7406-61-9	2929.10.00	ML8.f.14	2008/944/CFSP
<b>Nitric acid; HNO<sub>3</sub></b>	7697-37-2	2808.00.00	Annex I (explosives)	(EU) 2019/1148

Chemical name	CAS number	CN code	Reference	Regulation
<b>3-nitro-1,2,4-triazol-5-one; NTO or ONTA</b>	932-64-9	2933.99.80	ML8.a.18	2008/944/CFSP
<b>2-[nitro(pentyl)amino]ethyl nitrate</b>	85954-06-9	2929.90.00	ML8.e.14	2008/944/CFSP
<b>4-nitrobiphenyl</b>	92-93-3	2904.20.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-Nitrodiphenylamine</b>	119-75-5	2921.44.00	1C111.c.3	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Nitrofen</b>	1836-75-5	2909.30.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nitrogen dioxide; NO<sub>2</sub></b>	10102-44-0	2811.29.30	1C111.a.3.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Nitrogen trifluoride; NF<sub>3</sub></b>	7783-54-2	2812.90.00	1C111.a.3.f	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Nitroguanidine</b>	556-88-7	2929.90.00	1C011.d	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>2-nitroimino-5-nitro-hexahydro-1,3,5-triazine; NNHT</b>	130400-13-4	2933.69.80	ML8.a.31.b	2008/944/CFSP
<b>Nitromethane</b>	75-52-5	2904.20.00	I.C.A.002 (Syria)	(EU) 36/2012
			Annex I (explosives)	(EU) 2019/1148
<b>Nitrotriazol aminotetrazole; NTAT</b>	N/A	2933.99.80	ML8.a.25.a	2008/944/CFSP
<b>1-(2-nitrotriazolo)-2-dinitromethylene hydrazine; NTNMH</b>	N/A	2928.00.90	ML8.a.17	2008/944/CFSP
<b>1-N-(2-nitrotriazolo)-4-nitrotetrazole; NTNT</b>	N/A	2933.99.80	ML8.a.25.b	2008/944/CFSP
<b>N-(2-nitrotriazolo)-2,4-dinitroimidazole; NTDNIA</b>	N/A	2933.29.90	ML8.a.16.d	2008/944/CFSP
<b>1-N-(2-nitrotriazolo) 3,5-dinitrotriazole; NTDNT</b>	N/A	2933.99.80	ML8.a.32.h	2008/944/CFSP
<b>N-Nonanoylmorpholine; MPA</b>	5299-64-9	2934.99.90	ML7.d.6	2008/944/CFSP
<b>Nonyl ethylphosphonofluoridate</b>	171741-07-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Nonyl isopropylphosphonofluoridate</b>	333416-35-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Nonyl methylphosphonate</b>	1832-60-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Nonyl methylphosphonofluoridate</b>	211192-74-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Nonyl N-isopropyl-N-methylphosphoramidocyanidate</b>	1311200-12-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Nonyl propylphosphonofluoridate</b>	333416-21-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Nonyl S-2-dipropylaminoethyl ethylphosphonothiolate</b>	1253735-84-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Nonyl S-2-dipropylaminoethyl methylphosphonothiolate</b>	1253736-10-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Nonyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-32-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Nonylpheno branchedI ethoxilated</b>	26027-38-3	3402.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>4-nonylphenol</b>	104-40-5	2907.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nonylphenol</b>	25154-52-3	2907.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>4-nonylphenol branched</b>	84852-15-3	2907.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nonylphenol branched</b>	90481-04-2	2907.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nonylphenol branched ethoxilated</b>	68412-54-4	3402.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nonylphenol ethoxilated</b>	127087-87-0	3402.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Nonylphenol ethoxilated; nonoxinol</b>	9016-45-9	3402.13.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Norephedrine</b>	14838-15-4	2939.44.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Obidoxime chloride</b>	114-90-9	2933.39.99	VI.A1.011 (DPRK)	(EU) 2017/1509
			IX.A1.003 (Syria)	(EU) 36/2012
<b>Octabromodiphenyl ether</b>	32536-52-0	2909.30.38	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Octahydro-2,5-bis(nitroimino)imidazo [4,5-d]imidazole; BNII</b>	N/A	2933.99.80	ML8.a.16.a	2008/944/CFSP
<b>Octyl ethylphosphonofluoridate</b>	333416-07-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Octyl isopropylphosphonate</b>	108506-63-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Octyl isopropylphosphonofluoridate</b>	333416-34-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Octyl methylphosphonate</b>	1832-58-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Octyl methylphosphonofluoridate</b>	144313-52-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Octyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1256572-16-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Octyl N,N-dimethylphosphoramidocyanidate</b>	1253782-45-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Octyl N,N-diethylphosphoramidocyanidate</b>	1256572-14-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Octyl N,N-diisopropylphosphoramidocyanidate</b>	1256572-15-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Octyl N,N-dipropylphosphoramidocyanidate</b>	1256572-17-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Octyl propylphosphonate</b>	781566-65-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Octyl propylphosphonofluoridate</b>	333416-20-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Octyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-30-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Octyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959010-49-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Oleoresin capsicum; OC</b>	8023-77-6	3301.90.30	Annex III (anti-torture)	(EU) 2017/125
<b>Omethoate</b>	1113-02-6	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Orthosulfamuron</b>	213464-77-8	2933.59.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Oxadiargyl</b>	39807-15-3	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Oxalyl chloride</b>	79-37-8	2917.19.80	IX.A1.004 (Syria)	(EU) 36/2012
<b>Oxasulfuron</b>	144651-06-9	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>2-oxy-4,6-dinitroamino-s-triazine; DNAM</b>	19899-80-0	2933.69.80	ML8.a.31.a	2008/944/CFSP
<b>Oxydemeton-methyl</b>	301-12-2	2925.19.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Paraquat</b>	4685-14-7	2933.39.99	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Paraquat dichloride</b>	1910-42-5	2933.39.99	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Paraquat dimethylsulfate</b>	2074-50-2	2933.39.99	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Parathion</b>	56-38-2	2920.11.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Pebulate</b>	1114-71-2	2930.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Pelargonic acid vanillylamide; PAVA</b>	2444-46-4	2939.79.90	Annex III (anti-torture)	(EU) 2017/125
<b>Pentaborane-11; B<sub>5</sub>H<sub>11</sub></b>	18433-84-6	2850.00.20	ML8.c.3	2008/944/CFSP
			1C111.c.1	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375

Chemical name	CAS number	CN code	Reference	Regulation
<b>Pentaborane-9; B<sub>5</sub>H<sub>9</sub></b>	19624-22-7	2850.00.20	ML8.c.3	2008/944/CFSP
			1C111.c.1	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Pentabromodiphenyl ether (mixture of isomers)</b>	32534-81-9	2909.30.31	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Pentachlorobenzene</b>	608-93-5	2903.93.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Pentachloroethane</b>	76-01-7	2903.19.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Pentachlorophenol</b>	87-86-5	2908.11.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>1,1,3,3,3-pentafluoro-2-(trifluoromethyl)prop-1-ene; PFIB</b>	382-21-8	2903.39.39	1C450.a.2	(EC) 428/2009
			2A02	CWC Schedule 2
<b>Pentamethylphosphonic diamide</b>	2511-17-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Pentobarbital</b>	76-74-4	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Pentobarbital sodium salt</b>	57-33-0	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Pentyl diisopropylphosphoramidocyanidate</b>	959231-39-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl dimethylphosphoramidocyanidate</b>	148461-87-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl dipropylphosphoramidocyanidate</b>	959014-75-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl ethylphosphonofluoridate</b>	162085-84-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Pentyl ferrocene</b>	1274-00-6	2931.90.00	ML8.f.4.h	2008/944/CFSP
			1C111.c.6.e	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Pentyl isopropylphosphonofluoridate</b>	333416-31-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Pentyl methylphosphonofluoridate</b>	13454-59-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Pentyl N-ethyl-N-methylphosphoramidocyanidate</b>	870124-05-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl N-isopropyl-N-methylphosphoramidocyanidate</b>	870124-15-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Pentyl N-ethyl-N-propylphosphoramidocyanidate</b>	870124-20-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	870124-24-6	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Pentyl propylphosphonofluoridate</b>	333416-17-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Pentyl S-2-diethylaminoethyl ethylphosphonothiolate</b>	1253761-22-6	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-dimethylaminoethyl ethylphosphonothiolate</b>	1253762-74-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-dipropylaminoethyl ethylphosphonothiolate</b>	1253763-58-4	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-diethylaminoethyl methylphosphonothiolate</b>	1253764-67-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-dipropylaminoethyl methylphosphonothiolate</b>	1253765-64-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-diisopropylaminoethyl methylphosphonothiolate</b>	198830-36-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Pentyl S-2-dimethylaminoethyl methylphosphonothiolate</b>	56217-64-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Perchloryl trifluoride; ClO<sub>3</sub>F<sub>3</sub></b>	7616-94-6	2812.90.00	1C111.a.3.f	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Perfluorooctane sulfonic acid</b>	1763-23-1	2904.31.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Perfluorooctane sulfonyl fluoride</b>	307-35-7	2904.36.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Perhydro-dinorbornadiene</b>	66289-74-5	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Permethrin</b>	52645-53-1	2916.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>N-Phenethyl-4-piperidone; NPP</b>	39742-60-4	2933.39.99	Cat. 1 (drug precursor)	(EC) 111/2005
<b>1-Phenyl-2-propanone</b>	103-79-7	2914.31.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Phenyl ethylphosphonofluoridate</b>	959259-83-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phenyl methylphosphonofluoridate</b>	133826-40-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phenylacetic acid</b>	103-82-2	2916.34.00	Cat. 2 (drug precursor)	(EC) 111/2005

Chemical name	CAS number	CN code	Reference	Regulation
<b>Phenylmercuric acetate</b>	62-38-4	2852.10.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Phenylmercury neodecanoate</b>	26545-49-3	2852.10.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Phorate</b>	298-02-2	2930.90.98	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Phosalone</b>	2310-17-0	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Phosgene; COCl<sub>2</sub></b>	75-44-5	2812.11.00	1C450.a.4	(EC) 428/2009
			3A01	CWC Schedule 3
<b>Z-Phosphamidon</b>	23783-98-4	2924.12.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>E-Phosphamidon</b>	297-99-4	2924.12.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>E/Z-Phosphamidon</b>	13171-21-6	2924.12.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560 TP</b>	294675-51-7	3824.99.92	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phosphonic acid, methyl-, polyglycol ester; Exolit OP 560</b>	663176-00-9	3824.99.92	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phosphonothioic acid, P-methyl-, O,S-diethyl ester</b>	2511-10-6	2930.90.98	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phosphonothioic acid, P-methyl-, S-[2-bis(1-methylethyl)amino]ethyl] O-ethyl ester</b>	50782-69-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Phosphoramidic acid, diethyl-, diethyl ester</b>	3167-69-9	2929.90.00	1C450.b.3	(EC) 428/2009
			2B06	CWC Schedule 2
<b>Phosphorus oxide, polymer with dimethyl methylphosphonate and oxirane; Fyroltex HP or Fyrol 51</b>	70715-06-9	3824.99.86	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Phosphorus oxychloride; POCl<sub>3</sub></b>	10025-87-3	2812.12.00	1C350.2	(EC) 428/2009
			3B05	CWC Schedule 3
<b>Phosphorus pentachloride; PCl<sub>5</sub></b>	10026-13-8	2812.14.00	1C350.38	(EC) 428/2009
			3B07	CWC Schedule 3
<b>Phosphorus pentasulphide</b>	1314-80-3	2813.90.10	1C350.47	(EC) 428/2009
<b>Phosphorus trichloride; PCl<sub>3</sub></b>	7719-12-2	2812.13.00	1C350.7	(EC) 428/2009
			3B06	CWC Schedule 3
<b>Picoxystrobin</b>	117428-22-5	2933.39.99	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Picric acid</b>	88-89-1	2908.99.00	I.C.A.002 (Syria)	(EU) 36/2012
<b>1-picryl-2,4,5-trinitroimidazole; PTIA</b>	N/A	2933.29.90	ML8.a.16.e	2008/944/CFSP
<b>1-picryl-3,5-dinitrotriazole; PDNT</b>	N/A	2933.99.80	ML8.a.32.i	2008/944/CFSP
<b>Pigment white 1</b>	1319-46-6	3206.49.70	Annex I Part 1	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Pigment white 30</b>	7446-27-7	3206.49.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Pigment yellow 34</b>	1344-37-2	3206.20.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Pinacolone</b>	75-97-8	2914.19.90	1C350.39	(EC) 428/2009
<b>Pinacolyl alcohol</b>	464-07-3	2905.19.00	2B14	CWC Schedule 2
			1C350.28	(EC) 428/2009
<b>O-Pinacolyl methylphosphonofluoridate; Soman (GD)</b>	96-64-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Pinacolyl N,N-dipropylphosphoramidocyanidate</b>	1311200-14-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Piperidine</b>	110-89-4	2933.32.00	Cat. 2 (drug precursor)	(EC) 111/2005
<b>Piperonal</b>	120-57-0	2932.93.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Plutonium-238; <sup>238</sup>Pu</b>	13981-16-3	2844.20.99	1C236	(EC) 428/2009
<b>Plutonium-236; <sup>236</sup>Pu</b>	15411-92-4	2844.20.99	1C236	(EC) 428/2009
<b>Plutonium carbide; PuC</b>	N/A	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>Plutonium dioxide; PuO<sub>2</sub></b>	12059-95-9	2844.20.99	0C002	(EC) 428/2009
<b>Plutonium hexafluoride; PuF<sub>6</sub></b>	13693-06-6	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>Plutonium nitrate; Pu(NO<sub>3</sub>)<sub>4</sub></b>	13823-27-3	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>Plutonium nitride; PuN</b>	12033-54-4	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>Plutonium tetrafluoride; PuF<sub>4</sub></b>	13709-56-3	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>Plutonyl nitrate</b>	N/A	2844.20.99	0C002	(EC) 428/2009
			1C012	(EC) 428/2009
<b>PMK glycidic acid</b>	2167189-50-4	2932.99.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>PMK methyl glycidate</b>	13605-48-6	2932.99.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Polonium-210; <sup>210</sup>Po</b>	13981-52-7	2844.40.80	1C236	(EC) 428/2009
<b>Polonium-208; <sup>208</sup>Po</b>	N/A	2844.40.80	1C236	(EC) 428/2009
<b>Polonium-209; <sup>209</sup>Po</b>	N/A	2844.40.80	1C236	(EC) 428/2009
<b>Poly-2,2,3,3,4,4-hexafluoropentane-1,5-diol formal; FPF-1</b>	376-90-9	2932.99.00	ML8.e.9	2008/944/CFSP
<b>Poly-2,4,4,5,5,6,6-heptafluoro-2-trifluoromethyl-3-oxaheptane-1,7-diol formal; FPF-3</b>	N/A	2932.99.00	ML8.e.10	2008/944/CFSP



Chemical name	CAS number	CN code	Reference	Regulation
<b>Poly(1,3-phenylene methyl phosphonate)</b>	63747-58-0	Subheading 3911.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Poly(3-nitratomethyl-3-methyloxetane); Poly-NIMMO</b>	84051-81-0	2932.99.00	ML8.e.16	2008/944/CFSP
<b>Poly(3-nitrato oxetane); PNO</b>	N/A	Subhead. 3907.20	ML8.e.20	2008/944/CFSP
<b>Polybutadiene-acrylic acid; PBAA</b>	N/A	4002.99.90	1C111.b.3	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Polybutadiene-acrylic acid-acrylonitrile; PBAN</b>	N/A	4002.99.90	1C111.b.4	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Polychlorinated biphenyl</b>	1336-36-3	2903.99.80	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Polychlorinated terphenyl</b>	61788-33-8	2903.99.80	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Polyglycidynitrate; Poly-GLYN or PGN</b>	27814-48-8	Heading 3907	1C111.b.6	(EC) 428/2009
			ML8.e.15	2008/944/CFSP
			Annex II (Iran)	(EU) 2016/1375
<b>Polynitrocubanes</b>	N/A	2902.19.00	ML8.a.19	2008/944/CFSP
<b>Polytetrahydrofuran polyethylene glycol; TPEG</b>	N/A	3907.20.20	1C111.b.5	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Potassium bifluoride; KHF<sub>2</sub></b>	7789-29-9	2826.19.90	1C350.41	(EC) 428/2009
<b>Potassium bromide; KBr</b>	7758-02-3	2827.51.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>Potassium chlorate; KClO<sub>3</sub></b>	3811-04-9	2829.19.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
			Annex I (explosives)	(EU) 2019/1148
<b>Potassium cyanide; KCN</b>	151-50-8	2837.19.00	1C350.40	(EC) 428/2009
<b>Potassium fluoride; KF</b>	7789-23-3	2826.19.90	1C350.14	(EC) 428/2009
<b>Potassium nitrate; KNO<sub>3</sub></b>	7757-79-1	2834.21.00	Annex II (explosives)	(EU) 2019/1148
<b>Potassium perchlorate; KClO<sub>4</sub></b>	7778-74-7	2829.90.10	Annex I (explosives)	(EU) 2019/1148
<b>Potassium perfluorooctane sulfonate</b>	2795-39-3	2904.34.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Potassium permanganate</b>	7722-64-7	2841.61.00	Cat. 2 (drug precursor)	(EC) 111/2005
<b>Potassium sulphide; K<sub>2</sub>S</b>	1312-73-8	2830.90.85	IX.A1.004 (Syria)	(EU) 36/2012
<b>Potassium thiocyanate; KSCN</b>	333-20-0	2842.90.80	IX.A1.004 (Syria)	(EU) 36/2012
<b>Potassium tinanyl arsenate; KTA</b>	59400-80-5	2842.90.80	6C004.b	(EC) 428/2009
<b>Procymidone</b>	32809-16-8	2925.19.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Product from the reaction of Methylphosphonic acid and 1,2- Ethanediamine</b>	99580-93-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Product from the reaction of Methylphosphonic acid and 1,3,5-Triazine-2,4,6-triamine 2,4,6-triamine</b>	129788-86-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propachlor</b>	1918-16-7	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Propanil</b>	709-98-8	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Propargite</b>	2312-35-8	2920.90.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Propham</b>	122-42-9	2924.29.70	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Propiconazole</b>	60207-90-1	2934.99.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Propineb</b>	12071-83-9	2930.20.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Propisochlor</b>	86763-47-5	2924.29.70	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Propyl 1,2,2-trimethylpropyl methylphosphonate</b>	90550-49-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propyl diisopropylphosphoramidocyanidate</b>	959231-16-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl dimethylphosphoramidocyanidate</b>	162085-86-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl dipropylphosphoramidocyanidate</b>	870124-34-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl ethylmethylphosphoramidocyanidate</b>	870124-01-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl ethylphosphonofluoridate</b>	2992-95-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>n-Propyl ferrocene</b>	1273-92-3	2931.90.00	ML8.f.4.g	2008/944/CFSP
			1C111.c.6.c	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Propyl isopropylmethylphosphoramidocyanidate</b>	870124-13-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl isopropylphosphonate</b>	741700-67-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propyl isopropylphosphonofluoridate</b>	333416-29-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Propyl isopropylpropylphosphoramidocyanidate</b>	870124-27-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl methylphosphonate</b>	4546-11-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Propyl methylphosphonochloridate</b>	15110-09-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propyl methylphosphonofluoridate</b>	763-14-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>O-Propyl methylphosphonothionochloridate</b>	18005-37-3	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	1256571-93-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl N-ethyl-N-propylphosphoramidocyanidate</b>	1256571-94-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl N-methyl-N-propylphosphoramidocyanidate</b>	1256571-95-5	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl N-isopropyl-N-propylphosphoramidocyanidate</b>	870124-27-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl N,N-diethylphosphoramidocyanidate</b>	1256571-92-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>Propyl propylphosphonate</b>	21921-97-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propyl propylphosphonofluoridate</b>	18358-36-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Propyl S-2-diisopropylaminoethyl ethylphosphonothiolate</b>	1253755-29-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-dipropylaminoethyl methylphosphonothiolatemethylphosphonothiolate</b>	1253756-54-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-19-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	52364-45-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-dimethylaminoethyl methylphosphonothioate</b>	56217-62-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	958997-62-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Propyl S-2-dipropylaminoethyl propylphosphonothioate</b>	959233-79-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959259-05-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyl S-2-diethylaminoethyl propylphosphonothioate</b>	959288-70-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Propyleneimine or 2-methylaziridine</b>	75-55-8	2933.99.80	ML8.f.18	2008/944/CFSP
<b>1-Propylheptyl ethylphosphonofluoridate</b>	959217-15-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1-Propylheptyl methylphosphonofluoridate</b>	959098-86-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-(propylnitroamino)ethyl nitrate; Propyl-NENA</b>	82486-83-7	2929.90.00	ML8.e.14	2008/944/CFSP
<b>2-Propylpentyl methylphosphonofluoridate</b>	959089-00-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Propylphosphonic acid</b>	4672-38-2	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propylphosphonic difluoride</b>	690-14-2	2931.39.90	ML7.c.1	2008/944/CFSP
			1B09	CWC Schedule 1
<b>Propylphosphonothioic dichloride</b>	2524-01-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propylphosphonothioic O,O-acid</b>	27797-35-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Propylphosphonyl dichloride</b>	4708-04-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Pseudoephedrine</b>	90-82-4	2939.42.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Pymetrozine</b>	123312-89-0	2933.69.80	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Pyrazophos</b>	13457-18-6	2933.59.95	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Pyridine</b>	110-86-1	2933.31.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>Pyridostigmine bromide</b>	101-26-8	2933.39.10	VI.A1.011 (DPRK)	(EU) 2017/1509
			IX.A1.003 (Syria)	(EU) 36/2012
<b>Quadricyclane</b>	278-06-8	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Quinaldine</b>	91-63-4	2933.49.90	IX.A1.001 (Syria)	(EU) 36/2012

Chemical name	CAS number	CN code	Reference	Regulation
<b>Quinoxifen</b>	124495-18-7	2933.49.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Quintozene</b>	82-68-8	2904.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>3-Quinuclidinol</b>	1619-34-7	2933.39.99	1C350.13	(EC) 428/2009
			2B09	CWC Schedule 2
<b>R-(-)-3-Quinuclidinol</b>	25333-42-0	2933.39.99	1C350.13	(EC) 428/2009
			2B09	CWC Schedule 2
<b>3-Quinuclidinyl benzilate; BZ</b>	6581-06-2	2933.39.99	ML7.b.3.a	2008/944/CFSP
			1C450.a.3	(EC) 428/2009
			2A03	CWC Schedule 2
<b>3-Quinuclidone</b>	3731-38-2	2933.39.99	1C350.37	(EC) 428/2009
<b>Radium-226; <sup>226</sup>Ra</b>	13982-63-3	2844.40.80	1C237	(EC) 428/2009
<b>Radium-223; <sup>223</sup>Ra</b>	15623-45-7	2844.40.80	1C236	(EC) 428/2009
<b>Red phosphorus</b>	7723-14-0	2824.70.00	Cat. 2 (drug precursor)	(EC) 111/2005
<b>Ricin</b>	9009-86-3	3002.90.90	1C351.d.4	(EC) 428/2009
			1A08	CWC Schedule 1
<b>Rotenone</b>	83-79-4	2932.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Safrole</b>	94-59-7	2932.94.00	Cat. 1 (drug precursor)	(EC) 111/2005
<b>Saxitoxin</b>	35523-89-8	3002.90.90	1C351.d.5	(EC) 428/2009
			1A07	CWC Schedule 1
<b>Scilliroside</b>	507-60-8	2938.90.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>sec-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate</b>	1253773-82-8	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl N,N-diethylphosphoramidocyanidate</b>	1281955-92-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-Butyl N-ethyl-N-isopropylphosphoramidocyanidate</b>	1281955-93-8	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-Butyl N-ethyl-N-methylphosphoramidocyanidate</b>	1281955-94-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-Butyl N,N-diisopropylphosphoramidocyanidate</b>	1281955-95-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-Butyl N-isopropyl-N-methylphosphoramidocyanidate</b>	1281955-96-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>sec-Butyl N-isopropyl-N-propylphosphoramidocyanidate</b>	1281955-97-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-Butyl N,N-dipropylphosphoramidocyanidate</b>	1281955-98-3	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-butylamine</b>	13952-84-6	2921.19.99	Annex I Part 1	(EU) 649/2012 (PIC)
<b>sec-Butyl ethylphosphonofluoridate</b>	162085-83-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>sec-Butyl dimethylphosphoramidocyanidate</b>	162085-89-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>sec-butyl isopropylphosphonochloridate</b>	170082-69-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>sec-butyl propylphosphonochloridate</b>	170082-71-0	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>sec-Butyl methylphosphonofluoridate</b>	352-52-3	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>sec-Butyl propylphosphonofluoridate</b>	468712-01-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>sec-Butyl isopropylphosphonofluoridate</b>	468712-07-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>sec-Butyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-11-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl S-2-diethylaminoethyl ethylphosphonothioate</b>	468712-22-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl S-2-diethylaminoethyl propylphosphonothioate</b>	468712-37-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl S-2-diethylaminoethyl isopropylphosphonothioate</b>	468712-48-3	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl S-2-dimethylaminoethyl ethylphosphonothioate</b>	50929-96-9	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>O-sec-butyl S-[2-(dimethylamino)ethyl] ethylphosphonothioate oxalate</b>	50929-97-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl methylpropylphosphoramidocyanidate</b>	870124-09-7	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>sec-Butyl S-2-diisopropylaminoethyl isopropylphosphonothioate</b>	959040-29-0	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>sec-Butyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	959257-17-1	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Secobarbital</b>	76-73-3	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Secobarbital sodium salt</b>	309-43-3	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Silver chlorate; AgClO<sub>3</sub></b>	7783-92-8	2843.29.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Silver gallium selenide; AgGaSe<sub>2</sub> (AGSE)</b>	12002-67-4	2842.90.10	6C004.b	(EC) 428/2009
<b>Simazine</b>	122-34-9	2933.69.10	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Sodium 3-(trihydroxysilyl)propyl methylphosphonate</b>	84962-98-1	2931.34.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium bifluoride; NaHF<sub>2</sub></b>	1333-83-1	2826.19.10	1C350.44	(EC) 428/2009
<b>Sodium bromide; NaBr</b>	7647-15-6	2827.51.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>Sodium chlorate; NaClO<sub>3</sub></b>	7775-09-9	2829.11.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
			Annex I (explosives)	(EU) 2019/1148
<b>Sodium cyanide; NaCN</b>	143-33-9	2837.11.00	1C350.45	(EC) 428/2009
<b>Sodium fluoride; NaF</b>	7681-49-4	2826.19.10	1C350.43	(EC) 428/2009
<b>Sodium hexafluorosilicate; NaSiF<sub>6</sub></b>	16893-85-9	2826.90.80	1C350.62	(EC) 428/2009
<b>Sodium hypochlorite</b>	7681-52-9	2828.90.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Sodium metal</b>	7440-23-5	2805.11.00	IX.A1.003 (Syria)	(EU) 36/2012
<b>Sodium nitrate; NaNO<sub>3</sub></b>	7631-99-4	3102.50.00	Annex II (explosives)	(EU) 2019/1148
<b>Sodium O-ethyl propylphosphonothioate</b>	117122-90-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-ethyl ethylphosphonothioate</b>	17390-16-8	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-ethyl methylphosphonothioate</b>	22307-81-9	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-propyl methylphosphonothioate</b>	51825-84-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-butyl methylphosphonothioate</b>	51825-85-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-methyl methylphosphonothioate</b>	74789-31-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>Sodium O-isobutyl methylphosphonothioate</b>	74789-32-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium O-isopropyl methylphosphonothioate</b>	92475-33-7	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>Sodium perchlorate; NaClO<sub>4</sub></b>	7601-89-0	2829.90.10	Annex I (explosives)	(EU) 2019/1148
<b>Sodium sulphide; Na<sub>2</sub>S</b>	1313-82-2	2830.10.00	1C350.50	(EC) 428/2009
<b>Strychnine</b>	57-24-9	2939.79.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Sulfolane</b>	126-33-0	2934.99.90	VI.2.C.2 (Syria)	(EU) 36/2012
<b>Sulphur</b>	7704-34-9	2802.00.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Sulphur dichloride; SCl<sub>2</sub></b>	10545-99-0	2812.16.00	1C350.52	(EC) 428/2009
			3B13	CWC Schedule 3
<b>Sulphur monochloride; S<sub>2</sub>Cl<sub>2</sub></b>	10025-67-9	2812.15.00	1C350.51	(EC) 428/2009
			3B12	CWC Schedule 3
<b>Sulphuric acid; H<sub>2</sub>SO<sub>4</sub></b>	7664-93-9	2807.00.00	Cat. 3 (drug precursor)	(EC) 111/2005
			Annex II (explosives)	(EU) 2019/1148
<b>Superfine iron oxide; Fe<sub>2</sub>O<sub>3</sub></b>	1317-60-8	2821.10.00	ML8.f.19	2008/944/CFSP
<b>Symmetrical dimethyl hydrazine</b>	540-73-8	2928.00.90	ML8.c.4.c	2008/944/CFSP
<b>Tar acid, coal</b>	65996-85-2	2707.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Tar oil</b>	122384-78-5	3807.00.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Tecnazene</b>	117-18-0	2904.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Tellurium</b>	13494-80-9	2804.50.90	6C002.a	(EC) 428/2009
<b>Tepraloxymid</b>	149979-41-9	2932.99.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Terbufos</b>	13071-79-9	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>2-tert-Butylcyclohexyl isopropylphosphonofluoridate</b>	1005145-75-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-tert-Butylcyclohexyl propylphosphonofluoridate</b>	1005176-90-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-tert-Butylcyclohexyl methylphosphonofluoridate</b>	1005247-52-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2-tert-Butylcyclohexyl ethylphosphonofluoridate</b>	1005254-23-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>tert-Butyl methylphosphonofluoridate</b>	13273-12-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1



Chemical name	CAS number	CN code	Reference	Regulation
<b>tert-Butyl S-2-diethylaminoethyl methylphosphonothioate</b>	288578-18-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>tert-butanol</b>	75-65-0	2905.14.10	IX.A1.004 (Syria)	(EU) 36/2012
<b>5-tert-butyl-2,4,6-trinitro-m-xylene</b>	81-15-2	2904.20.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>4-tert-Butylcyclohexyl propylphosphonofluoridate</b>	959004-03-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-tert-Butylcyclohexyl ethylphosphonofluoridate</b>	959217-22-2	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>4-tert-Butylcyclohexyl methylphosphonofluoridate</b>	959245-06-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>Tetraacetyldibenzylhexaazaisowurtzitane; TAIW</b>	182763-60-6	2933.59.95	ML8.g.3	2008/944/CFSP
<b>1,3,5,7 tetraacetyl-1,3,5,7,-tetraaza cyclo-octane; TAT</b>	41378-98-7	2933.99.80	ML8.g.5	2008/944/CFSP
<b>1,4,5,8-Tetraazadecalin</b>	5409-42-7	2933.99.80	ML8.g.6	2008/944/CFSP
<b>3,3,7,7-tetrakis(difluoroamine) octahydro-1,5-dinitro-1,5-diazocine; TEDDZ</b>	N/A	2933.99.80	ML8.a.24	2008/944/CFSP
<b>Tetrabromodiphenyl ether</b>	40088-47-9	2909.30.38	Annex V Part 1	(EU) 649/2012 (PIC)
<b>1,1,1,2-Tetrachloroethane</b>	630-20-6	2903.19.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>1,1,2,2-Tetrachloroethane</b>	79-34-5	2903.19.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Tetraethyl lead</b>	78-00-2	2931.10.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tetraethylammonium perfluorooctane sulfonate</b>	56773-42-3	2923.30.00	Annex V Part 2	(EU) 649/2012 (PIC)
<b>Tetraethylenepentaamine acrylonitrileglycidol; Tepanol</b>	68412-46-4	2926.90.70	ML8.f.21	2008/944/CFSP
<b>Tetraethylenepentaamineacrylonitrile; Tepan</b>	68412-45-3	2926.90.70	ML8.f.20	2008/944/CFSP
<b>Tetramethyl lead</b>	75-74-1	2931.10.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>3,3,5,5-Tetramethylcyclohexyl ethylphosphonofluoridate</b>	333416-68-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,3,5,5-Tetramethylcyclohexyl isopropylphosphonofluoridate</b>	333416-76-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,3,5,5-Tetramethylcyclohexyl methylphosphonofluoridate</b>	333416-63-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,3,5,5-Tetramethylcyclohexyl propylphosphonofluoridate</b>	333416-72-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1

Chemical name	CAS number	CN code	Reference	Regulation
<b>Tetramethylhydrazine</b>	6415-12-9	2928.00.90	1C111.a.4.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>2,4,6,8-tetranitro-2,4,6,8-tetraazabicyclo [3,3,0]-octanone-3; K-55</b>	130256-72-3	2933.99.80	ML8.a.13.c	2008/944/CFSP
<b>1,4,5,8-tetranitro-1,4,5,8-tetraazadecalin; TNAD</b>	135877-16-6	2933.99.80	ML8.a.27	2008/944/CFSP
<b>1,4,5,8-tetranitro-pyridazino[4,5-d]pyridazine; TNP</b>	229176-04-9	2933.99.80	ML8.a.30	2008/944/CFSP
<b>Tetranitrobenzotriazolobenzotriazole; TACOT</b>	25243-36-1	2933.99.80	ML8.a.32.j	2008/944/CFSP
<b>Tetranitroglycoluril; TNGU or SORGUYL</b>	55510-03-7	2933.99.80	ML8.a.29	2008/944/CFSP
<b>Tetrodotoxin; TTX</b>	4368-28-9	2939.98.00	1C351.d.8	(EC) 428/2009
<b>Thallium arsenic selenide; <math>Tl_3AsSe_3</math> (TAS)</b>	16142-89-5	2842.90.10	6C004.b	(EC) 428/2009
			Annex I Part 1	(EU) 649/2012 (PIC)
<b>Thallium sulphate</b>	7446-18-6	2833.29.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Thiamethoxam</b>	153719-23-4	2934.10.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Thiobencarb</b>	28249-77-6	2930.20.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Thiocyclam</b>	31895-22-4	2934.99.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Thiodicarb</b>	59669-26-0	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Thiodiglycol</b>	111-48-8	2930.70.00	1C350.1	(EC) 428/2009
			2B13	CWC Schedule 2
<b>Thionyl chloride; <math>SOCl_2</math></b>	7719-09-7	2812.17.00	1C350.9	(EC) 428/2009
			3B14	CWC Schedule 3
<b>Thiopental</b>	76-75-5	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Thiopental sodium salt</b>	71-73-8	2933.53.90	Annex IV (anti-torture)	(EU) 2017/125
<b>Thiophosphoryl chloride</b>	3982-91-0	2853.90.90	IX.A1.004 (Syria)	(EU) 36/2012
<b>Thiram</b>	137-26-8	2930.30.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Thorium-228; <math>^{228}Th</math></b>	14274-82-9	2844.30.91	1C236	(EC) 428/2009
<b>Thorium-227; <math>^{227}Th</math></b>	15623-47-9	2844.30.91	1C236	(EC) 428/2009
<b>Thorium acetate</b>	13075-28-0	2844.30.91	0C001	(EC) 428/2009
<b>Thorium benzoate</b>	N/A	2844.30.91	0C001	(EC) 428/2009
<b>Thorium bromide; <math>ThBr_4</math></b>	13453-49-1	2844.30.91	0C001	(EC) 428/2009
<b>Thorium carbide; <math>ThC_2</math></b>	12012-16-7	2844.30.91	0C001	(EC) 428/2009
<b>Thorium chloride; <math>ThCl_4</math></b>	10026-08-1	2844.30.91	0C001	(EC) 428/2009
<b>Thorium fluoride; <math>ThF_4</math></b>	13709-59-6	2844.30.91	0C001	(EC) 428/2009
<b>Thorium formate</b>	N/A	2844.30.91	0C001	(EC) 428/2009

Chemical name	CAS number	CN code	Reference	Regulation
<b>Thorium hydroxide; Th(OH)<sub>4</sub></b>	N/A	2844.30.91	0C001	(EC) 428/2009
<b>Thorium nitrate tetrahydrate; Th(NO<sub>3</sub>)<sub>4</sub>·4H<sub>2</sub>O</b>	13470-07-0	2844.30.91	0C001	(EC) 428/2009
<b>Thorium nitrate; Th(NO<sub>3</sub>)<sub>4</sub></b>	13823-29-5	2844.30.91	0C001	(EC) 428/2009
<b>Thorium nitride; ThN</b>	12033-65-7	2844.30.91	0C001	(EC) 428/2009
<b>Thorium oxide; ThO<sub>2</sub></b>	1314-20-1	2844.30.91	0C001	(EC) 428/2009
<b>Thorium perchlorate; Th(ClO<sub>4</sub>)<sub>4</sub></b>	16045-17-3	2844.30.91	0C001	(EC) 428/2009
<b>Thorium sulphate monohydrate; Th(SO<sub>4</sub>)<sub>2</sub>·9H<sub>2</sub>O</b>	10381-37-0	2844.30.91	0C001	(EC) 428/2009
<b>Thorium sulphide; ThS<sub>2</sub></b>	12138-07-7	2844.30.91	0C001	(EC) 428/2009
<b>Thorium tartrate</b>	N/A	2844.30.91	0C001	(EC) 428/2009
<b>Titanium IV, [(2-propenolato-1) methyl, n-propanolatomethyl] butanolato-1, tris(dioctyl)phosphate</b>	N/A	2919.90.00	ML8.f.15.c	2008/944/CFSP
<b>Titanium IV, [(2-propenolato-1) methyl, n-propanolatomethyl] butanolato-1, tris[dioctyl] pyrophosphate; KR3538</b>	N/A	2919.90.00	ML8.f.15.b	2008/944/CFSP
<b>Titanium IV, 2,2[bis 2-propenolato-methyl, butanolato, tris (dioctyl) phosphato]</b>	110438-25-0	2919.90.00	ML8.f.15.a	2008/944/CFSP
<b>Titanium subhydride</b>	7704-98-5	2850.00.20	ML8.c.9	2008/944/CFSP
<b>Toluene</b>	108-88-3	2902.30.00	Cat. 3 (drug precursor)	(EC) 111/2005
<b>Tolyfluanid</b>	731-27-1	2930.90.98	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Toxaphene (camphechlor)</b>	8001-35-2	3808.59.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>Tremolite</b>	77536-68-6	2524.90.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tri-isobutyl phosphite</b>	1606-96-8	2920.29.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Triaminoguanidinenitrate; TAGN</b>	4000-16-2	2928.00.90	ML8.a.22	2008/944/CFSP
<b>Triaminotrinitrobenzene; TATB</b>	3058-38-6	2921.59.90	ML8.a.23	2008/944/CFSP
<b>Triasulfuron</b>	82097-50-5	2935.90.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Triazophos</b>	24017-47-8	2933.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Tributyl phosphate; TBP</b>	126-73-8	2919.90.00	II.A1.015 (DPRK)	(EU) 2017/1509
			II.A1.015 (Iran)	(EU) 2016/1375
<b>Tributylamine</b>	102-82-9	2921.19.99	IX.A1.003 (Syria)	(EU) 36/2012
<b>Tributylphosphite</b>	102-85-2	2920.29.00	IX.A1.001 (Syria)	(EU) 36/2012
<b>Tributyltin benzoate</b>	4342-36-3	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tributyltin chloride</b>	1461-22-9	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tributyltin fluoride</b>	1983-10-4	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tributyltin linoleate</b>	24124-25-2	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tributyltin methacrylate</b>	2155-70-6	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)

Chemical name	CAS number	CN code	Reference	Regulation
<b>Tributyltin naphthenate</b>	85409-17-2	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tributyltin oxide</b>	56-35-9	2931.20.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Trichlorfon</b>	52-68-6	2931.39.90	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>1,1,1-trichloro-2,2-bis (p-chlorophenyl) ethane; DDT</b>	50-29-3	2903.92.00	Annex V Part 1	(EU) 649/2012 (PIC)
<b>1,3,5-Trichlorobenzene</b>	108-70-3	2903.99.80	ML8.g.7	2008/944/CFSP
<b>Trichlorobenzene</b>	120-82-1	2903.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>1,1,1-Trichloroethane</b>	71-55-6	2903.19.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>1,1,2-Trichloroethane</b>	79-00-5	2903.19.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>2,4,5-Trichlorophenoxyacetic acid; 2,4,5-T</b>	93-76-5	2918.91.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Triclosan</b>	3380-34-5	2909.50.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Tricyclazole</b>	41814-78-2	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Tricyclo[2.2.1.0(2,6)]heptane</b>	279-19-6	2902.19.00	1C111.a.5.b	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Tridemorph</b>	24602-86-6	2934.99.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Triethanolamine</b>	102-71-6	2922.15.00	1C350.46	(EC) 428/2009
			3B17	CWC Schedule 3
<b>Triethanolamine hydrochloride</b>	637-39-8	2922.19.00	1C350.53	(EC) 428/2009
<b>Triethyl phosphite</b>	122-52-1	2920.24.00	1C350.30	(EC) 428/2009
			3B09	CWC Schedule 3
<b>Triethylamine</b>	121-44-8	2921.19.99	IX.A1.003 (Syria)	(EU) 36/2012
<b>Triethylene glycol</b>	112-27-6	2909.49.80	VI.2.C.1 (Syria)	(EU) 36/2012
<b>Triethylene glycol dinitrate; TEGDN</b>	111-22-8	2920.90.70	1C111.c.2	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Triflumuron</b>	64628-44-0	2924.21.00	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Trifluralin</b>	1582-09-8	2921.43.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>1,2,4-Trihydroxybutane</b>	3068-00-6	2905.49.00	ML8.g.8	2008/944/CFSP
<b>Triisopropyl phosphite</b>	116-17-6	2920.29.00	1C350.58	(EC) 428/2009
<b>1,1',1''-Trimesoyl-tris(2-ethylaziridine); HX-868</b>	7722-73-8	2933.99.80	ML8.f.17.a	2008/944/CFSP
<b>Trimethyl phosphite</b>	121-45-9	2920.23.00	1C350.8	(EC) 428/2009
			3B08	CWC Schedule 3
<b>1,1'-Trimethyladipoylbis(2-ethylaziridine)</b>	71463-62-2	2933.99.80	ML8.f.17.b	2008/944/CFSP
<b>Trimethylamine</b>	75-50-3	2921.11.00	IX.A1.003 (Syria)	(EU) 36/2012

Chemical name	CAS number	CN code	Reference	Regulation
<b>1,3,3-Trimethylbutyl methylphosphonofluoridate</b>	30593-65-8	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,5,5-Trimethylhexyl ethylphosphonofluoridate</b>	959027-88-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,5,5-Trimethylhexyl methylphosphonofluoridate</b>	959304-14-4	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>3,5,5-Trimethylhexyl S-2-dimethylaminoethyl propylphosphonothioate</b>	959250-22-7	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>3,5,5-Trimethylhexyl S-2-diisopropylaminoethyl propylphosphonothioate</b>	959257-18-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>Trimethylhydrazine</b>	1741-01-1	2928.00.90	1C111.a.4.a	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Trimethylolethane trinitrate; TMETN</b>	3032-55-1	2920.90.70	1C111.c.4.a	(EC) 428/2009
			ML8.e.19	2008/944/CFSP
			Annex II (Iran)	(EU) 2016/1375
<b>2,4,4-Trimethylpentyl ethylphosphonofluoridate</b>	333416-13-0	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,4,4-Trimethylpentyl isopropylphosphonofluoridate</b>	333416-43-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,4,4-Trimethylpentyl methylphosphonofluoridate</b>	333416-06-1	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>2,4,4-Trimethylpentyl propylphosphonofluoridate</b>	333416-28-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2,2-Trimethylpropyl ethylphosphonate</b>	143663-83-6	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1,2,2-Trimethylpropyl ethylphosphonofluoridate</b>	97931-20-9	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2,2-Trimethylpropyl isopropylphosphonate</b>	249934-16-5	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1,2,2-Trimethylpropyl isopropylphosphonofluoridate</b>	952104-41-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2,2-Trimethylpropyl methylphosphonate</b>	616-52-4	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2

Chemical name	CAS number	CN code	Reference	Regulation
<b>(1S)-1,2,2-Trimethylpropyl methylphosphonofluoridate</b>	89254-45-5	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>(1R)-1,2,2-Trimethylpropyl methylphosphonofluoridate</b>	89254-46-6	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,1,2-Trimethylpropyl N-propyl-N-isopropylphosphoramidocyanidate</b>	1256634-76-0	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,1,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate</b>	1256572-25-4	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,1,2-Trimethylpropyl N,N-diisopropylphosphoramidocyanidate</b>	1256634-75-9	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,1,2-Trimethylpropyl N,N-dimethylphosphoramidocyanidate</b>	1256634-77-1	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,1,2-Trimethylpropyl N,Ndipropylphosphoramidocyanidate</b>	1253782-51-2	2931.39.90	ML7.b.1.b	2008/944/CFSP
			1A02	CWC Schedule 1
<b>1,2,2-Trimethylpropyl propylphosphonate</b>	249934-12-1	2931.39.90	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>1,2,2-Trimethylpropyl propylphosphonofluoridate</b>	952104-35-7	2931.39.90	ML7.b.1.a	2008/944/CFSP
			1A01	CWC Schedule 1
<b>1,2,2-Trimethylpropyl S-2-diisopropylaminoethyl methylphosphonothioate</b>	198830-38-5	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>1,2,2-Trimethylpropyl S-2-diethylaminoethyl methylphosphonothioate</b>	468712-13-2	2930.90.98	ML7.b.1.c	2008/944/CFSP
			1A03	CWC Schedule 1
<b>2,4,6-trinitro-2,4,6-triazacyclohexanone; Keto-RDX or K-6</b>	115029-35-1	2933.69.80	ML8.a.21.b	2008/944/CFSP
<b>1,3,3-trinitroazetidene; TNAZ</b>	97645-24-4	2933.99.80	ML8.a.28	2008/944/CFSP
<b>Trinitrophenylmethylnitramine; Tetryl</b>	479-45-8	2929.90.00	ML8.a.26	2008/944/CFSP
<b>Triphenyl bismuth; TPB</b>	603-33-8	2931.90.00	ML8.f.22	2008/944/CFSP
<b>2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide</b>	68957-94-8	2931.35.00	1C450.b.1	(EC) 428/2009
			2B04	CWC Schedule 2
<b>tris-(2,3-dibromopropyl) phosphate</b>	126-72-7	2919.10.00	Annex I Parts 1 & 3	(EU) 649/2012 (PIC)
<b>Tris-aziridinyl-phosphin oxide</b>	545-55-1	2933.99.80	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Tris-(2-chloroethyl) amine; HN3</b>	555-77-1	2921.19.99	ML7.b.2.c.3	2008/944/CFSP
			1A06	CWC Schedule 1
<b>Tris-1-(2-methyl)aziridinyl phosphine oxide; MAPO</b>	57-39-6	2933.99.80	ML8.f.11	2008/944/CFSP

Chemical name	CAS number	CN code	Reference	Regulation
<b>Tris (2-chloroethyl) phosphate</b>	115-96-8	2919.90.00	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Tris (2-chlorovinyl) arsine; Lewisite 2</b>	40334-70-1	2931.90.00	ML7.b.2.b.2	2008/944/CFSP
			1A05	CWC Schedule 1
<b>Tris (ethoxyphenyl) bismuth); TEPB</b>	90591-48-3	2931.90.00	ML8.f.23	2008/944/CFSP
<b>2,4,6-tris(2-Ethyl-1-aziridiny)-1,3,5-triazine</b>	18924-91-9	2933.69.80	ML8.f.17.b	2008/944/CFSP
<b>Tris(2-chloroethyl)amine hydrochloride</b>	817-09-4	2921.19.99	I.C.A.003 (Syria)	(EU) 36/2012
<b>1,2,3-tris[1,2-bis(difluoroamino)ethoxy] propane; TVOPA</b>	53159-39-0	2929.90.00	ML8.e.18	2008/944/CFSP
<b>Tritium; <sup>3</sup>H</b>	10028-17-8	2844.40.20	1C235	(EC) 428/2009
<b>Triuranium octoxide; U<sub>3</sub>O<sub>8</sub></b>	1344-59-8	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Tungsten powder</b>	7440-33-7	8101.10.00	1C117.a	(EC) 428/2009
<b>Unsymmetrical dimethylhydrazine nitrate</b>	N/A	2928.00.90	1C111.a.4.g	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Unsymmetrical dimethylhydrazine; UDMH</b>	57-14-7	2928.00.90	ML8.c.4.d	2008/944/CFSP
<b>Uranium-232; <sup>232</sup>U</b>	14158-29-3	Heading 2844	1C236	(EC) 428/2009
<b>Uranium-230; <sup>230</sup>U</b>	15743-51-8	Heading 2844	1C236	(EC) 428/2009
<b>Uranium carbide; UC</b>	12070-09-6	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium dicarbide; UC<sub>2</sub></b>	12071-33-9	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium dioxide; UO<sub>2</sub></b>	1344-57-6	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium hexafluoride; UF<sub>6</sub></b>	7783-81-5	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium nitride; UN</b>	25658-43-9	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium tetrachloride; UCl<sub>4</sub></b>	10026-10-5	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium tetrafluoride; UF<sub>4</sub></b>	10049-14-6	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranium trifluoride; UF<sub>3</sub></b>	13775-06-9	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009

Chemical name	CAS number	CN code	Reference	Regulation
<b>Uranium trioxide; UO<sub>3</sub></b>	1344-58-7	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranyl nitrate hexahydrate; UO<sub>2</sub>(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O</b>	13520-83-7	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Uranyl sulphate; UO<sub>2</sub>SO<sub>4</sub>·3H<sub>2</sub>O</b>	20910-28-5	Heading 2844	0C001	(EC) 428/2009
			0C002	(EC) 428/2009
<b>Vamidothion</b>	2275-23-2	2930.90.98	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Vinclozolin</b>	50471-44-8	2934.99.90	Annex I Parts 1 & 2	(EU) 649/2012 (PIC)
<b>Warfarin</b>	81-81-2	2932.20.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>White/yellow phosphorus</b>	12185-10-3	2804.70.00	IX.A1.004 (Syria)	(EU) 36/2012
<b>Wood creosote</b>	8021-39-4	3807.00.90	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Zinc germanium phosphide; ZnGeP<sub>2</sub> (ZGP)</b>	N/A	2853.90.90	6C004.b	(EC) 428/2009
<b>Zinc selenide; ZnSe</b>	1315-09-9	2842.90.10	6C004.a	(EC) 428/2009
<b>Zineb</b>	12122-67-7	3824.99.93	Annex I Part 1	(EU) 649/2012 (PIC)
<b>Zirconium dioxide; ZrO<sub>2</sub></b>	1314-23-4	2825.60.00	1C234	(EC) 428/2009
<b>Zirconium nitrate; Zr(NO<sub>3</sub>)<sub>4</sub></b>	13746-89-9	2834.29.80	1C234	(EC) 428/2009
<b>Zirconium oxychloride; ZrClO<sub>2</sub></b>	13520-92-8	2827.49.90	1C234	(EC) 428/2009
<b>Zirconium perchlorate; Zr(ClO<sub>4</sub>)<sub>4</sub></b>	N/A	2829.90.10	1C234	(EC) 428/2009
<b>Zirconium powder</b>	7440-67-7	8109.20.00	ML8.c.5.b.1	2008/944/CFSP
			1C011.a	(EC) 428/2009
			1C111.a.2.a.1	(EC) 428/2009
			1C234	(EC) 428/2009
			Annex II (Iran)	(EU) 2016/1375
<b>Zirconium sulphate; ZrSO<sub>4</sub></b>	14644-61-2	2833.29.80	1C234	(EC) 428/2009
<b>Zirconium sulphide; ZrS<sub>2</sub></b>	12039-15-5	2830.90.85	1C234	(EC) 428/2009
<b>Zirconium tetrabromide; ZrBr<sub>4</sub></b>	13777-25-8	2827.59.00	1C234	(EC) 428/2009
<b>Zirconium tetrachloride; ZrCl<sub>4</sub></b>	10026-11-6	2827.39.85	1C234	(EC) 428/2009
<b>Zirconium tetrafluoride; ZrF<sub>4</sub></b>	7783-64-4	2826.19.90	1C234	(EC) 428/2009
<b>Zirconium tetrahydroxide; Zr(OH)<sub>4</sub></b>	14475-63-9	2825.90.85	1C234	(EC) 428/2009
<b>Zirconium tetraiodide; ZrI<sub>4</sub></b>	13986-26-0	2827.60.00	1C234	(EC) 428/2009

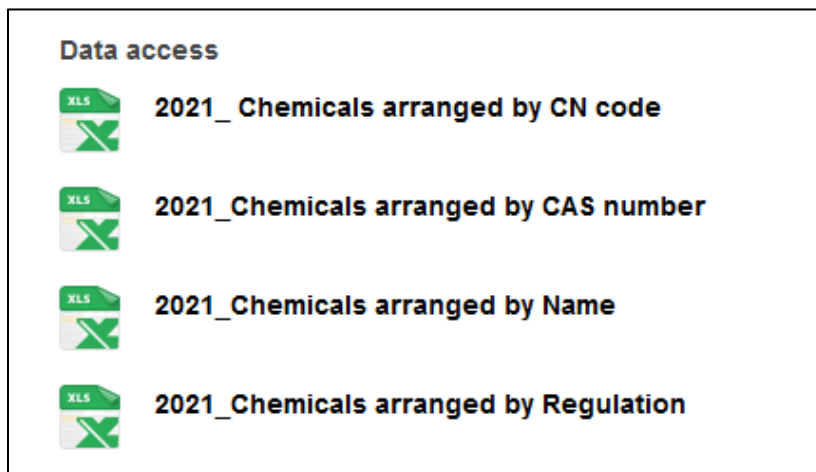




## Metadata

All data included in this handbook are available on the JRC Science Repository in excel format:  
<http://data.europa.eu/89h/8f0d4fa2-110d-4c05-b2a8-ecd3addbf16b>

**Figure 7.** Excel files containing metadata



## References

Council Regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items (Recast)

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02009R0428-20191231>

The Australia Group. <https://www.dfat.gov.au/publications/minisite/theaustraliagroupnet/site/en/index.html>

COMMISSION RECOMMENDATION (EU) No 2019/1318 of 30 July 2019 on internal compliance programmes for dual-use trade controls under Council Regulation (EC) No 428/2009

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019H1318>

REGULATION (EU) 2019/452 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 March 2019 establishing a framework for the screening of foreign direct investments into the Union, fully operational as of 11 October 2020

<https://eur-lex.europa.eu/eli/reg/2019/452/oj>

Commission Delegated Regulation (EU) No 2020/1749 of 7 October 2020 amending Council Regulation (EC) No 428/2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32020R1749&qid=1609773939340>

COMMISSION RECOMMENDATION (EU) No 2019/1318 of 30 July 2019 on internal compliance programmes for dual-use trade controls under Council Regulation (EC) No 428/2009

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019H1318>

Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A01987R2658-20210101>

Commission Implementing Regulation (EU) No 2020/1369 of 29 September 2020 amending Annex I to Council Regulation (EEC) No 2658/87 on the tariff and statistical nomenclature and on the Common Customs Tariff. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32020R1369>

Schedule 1 of the Chemical Weapons Convention.

<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-1>

Schedule 2 of the Chemical Weapons Convention.

<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-2>

Schedule 3 of the Chemical Weapons Convention.

<https://www.opcw.org/chemical-weapons-convention/annexes/annex-chemicals/schedule-3>

DECLARATIONS HANDBOOK 2013; OPCW; Revised version 2: 1 January 2017.

<https://www.opcw.org/documents/2017/01/en-declarations-handbook-2013-revised-2017>

Common Military List of the European Union ST/5470/2020/INIT

[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313\(07\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XG0313(07))

User's Guide to Council Common Position 2008/944/CFSP defining common rules governing the control of exports of military technology and equipment.

<https://data.consilium.europa.eu/doc/document/ST-12189-2019-INIT/en/pdf>

Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02012R0649-20200901>

Rotterdam Convention <http://www.pic.int/>

Guidance for implementation of Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals

[https://echa.europa.eu/documents/10162/23036412/guidance\\_pic\\_en.pdf/813e3826-5b6d-4a31-9088-6bb9ceae34b4](https://echa.europa.eu/documents/10162/23036412/guidance_pic_en.pdf/813e3826-5b6d-4a31-9088-6bb9ceae34b4)

Regulation (EU) No 2019/125 of the European Parliament and of the Council of 16 January 2019 concerning trade in certain goods which could be used for capital punishment, torture or other cruel, inhuman or degrading treatment or punishment

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02019R0125-0200527&qid=1610983638632>

Guidelines on EU Policy Towards Third Countries on Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment – 2019 Revision.

<https://www.consilium.europa.eu/media/40644/guidelines-st12107-en19.pdf>

Council Regulation (EU) No 36/2012 of 18 January 2012 concerning restrictive measures in view of the situation in Syria and repealing Regulation (EU) No 442/2011

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02012R0036-20201016>

COUNCIL REGULATION (EU) No 509/2012 of 15 June 2012 amending Regulation (EU) No 36/2012 concerning restrictive measures in view of the situation in Syria.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32012R0509>

Council Regulation (EU) No 697/2013 of 22 July 2013 amending Regulation (EU) No 36/2012 concerning restrictive measures in view of the situation in Syria.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32013R0697>

Commission Implementing Regulation (EU) 2016/1375 of 29 July 2016 amending Council Regulation (EU) No 267/2012 concerning restrictive measures against Iran.

[https://eur-lex.europa.eu/eli/reg\\_impl/2016/1375/oj](https://eur-lex.europa.eu/eli/reg_impl/2016/1375/oj)

Council Regulation (EU) No 2017/1509 of 30 August 2017 concerning restrictive measures against the Democratic People's Republic of Korea and repealing Regulation (EC) No 329/2007.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02017R1509-0200801&qid=1611046530086>

REGULATION (EU) No (EU) 98/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 January 2013 on the marketing and use of explosives precursors.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02013R0098-20170301>

Regulation (EU) No 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32019R1148>

COMMISSION NOTICE Guidelines for the implementation of Regulation (EU) No 2019/1148 on the marketing and use of explosives precursors (2020/C 210/01)  
[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XC0624\(01\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020XC0624(01))

Council Regulation (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Union and third countries in drug precursors  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02005R0111-0210113&qid=1610958098123>

Commission Delegated Regulation (EU) No 2020/1737 of 14 July 2020 amending Regulation (EC) No 273/2004 of the European Parliament and of the Council and Council Regulation (EC) No 111/2005 as regards the inclusion of certain drug precursors in the list of scheduled substances.  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32020R1737>



## List of abbreviations and definitions

AG	Australia Group
CAS	Chemical Abstract Service
CFSP	Common Foreign and Security Policy
CN	Combined Nomenclature
CWC	Chemical Weapons Convention
DNSS	Directorate of Nuclear Safety and Security
DPRK	Democratic Popular Republic of Korea
DU	Dual Use
EC	European Council
ECHA	European Chemicals Agency
ECN	Export Control Number
EU	European Union
HS	Harmonized System
MTCR	Missile Technology Control Regime
NSG	Nuclear Suppliers Group
OPCW	Organization for the prohibition of the Chemical Weapons
PIC	Prior Informed Consent
STC	Strategic Trade Controls
UN	United Nations
WA	Wassenaar Arrangement
WCO	World Customs Organization
WMD	Weapons of Mass Destruction

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