



Food and Agriculture  
Organization of the  
United Nations



## **PIC CIRCULAR LVI (56) – December 2022**



### **ROTTERDAM CONVENTION**

SECRETARIAT OF THE ROTTERDAM CONVENTION  
ON THE PRIOR INFORMED CONSENT PROCEDURE  
FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES  
IN INTERNATIONAL TRADE



**PIC CIRCULAR LVI (56)**

**December 2022**

Food and Agriculture Organization of the United Nations  
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## INTRODUCTION

### 1. THE PURPOSE OF THE PIC CIRCULAR

The Rotterdam Convention on the Prior Informed Consent Procedure (PIC) for Certain Hazardous Chemicals and Pesticides in International Trade entered into force on 24 February 2004.

The purpose of the PIC Circular is to provide all Parties, through their designated national authorities, with the information required in Articles 4, 5, 6, 7, 10, 11, 13 and 14 of the Convention. The decision guidance documents on relevant chemicals dispatched to Parties in line with paragraph 3 of Article 7 are sent out in a separate communication.

The PIC Circular is published every six months, in June and December. The present Circular contains information related to and received during the period from **1 May 2022 to 31 October 2022**. Information received after 31 October 2022 will be included in the next PIC Circular.

Designated national authorities are requested to review the information related to their countries and communicate any inconsistencies, errors or omissions to the Secretariat.

### 2. IMPLEMENTATION OF THE ROTTERDAM CONVENTION

#### 2.1 Designated national authorities

In line with paragraph 3 of Article 4, Parties shall notify the Secretariat on designations of or changes to designated national authorities. A register of designated national authorities is distributed together with the present PIC Circular and is also available on the Rotterdam Convention website.<sup>1</sup>

#### 2.2 Notifications of final regulatory action

Parties that have adopted final regulatory actions shall notify the Secretariat within the timeframes established in paragraphs 1 and 2 of Article 5.

**Appendix I** of the PIC Circular contains a synopsis of all notifications of final regulatory action received from Parties since the last PIC Circular, in line with paragraphs 3 and 4 of Article 5 of the Convention. It contains summaries of notifications of final regulatory action that have been received by the Secretariat and verified to contain the information required by Annex I to the Convention (Part A), information regarding notifications which do not contain all the information (Part B), as well as those notifications that are still under verification by the Secretariat (Part C).

**Appendix V** contains a list of all the notifications of final regulatory action for chemicals not listed in Annex III, received during the interim PIC procedure and the current PIC procedure (September 1998 to 31 October 2022).

A database of notifications of final regulatory action submitted by Parties, including those for the chemicals listed in Annex III to the Convention, verified as containing the information required by Annex I to the Convention is also available on the Convention website.<sup>2</sup>

A synopsis of all notifications received under the original PIC procedure, which is before the adoption of the Convention in 1998, was published in **PIC Circular X** in December 1999.<sup>3</sup> These notifications however do not meet the requirements of Annex I because the information requirements for notifications under the original PIC procedure were different. Although Parties are not obliged to resubmit

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<sup>1</sup> [www.pic.int/tabid/3282/Default.aspx](http://www.pic.int/tabid/3282/Default.aspx)

<sup>2</sup> [www.pic.int/tabid/1368/language/en-US/Default.aspx](http://www.pic.int/tabid/1368/language/en-US/Default.aspx)

<sup>3</sup> [www.pic.int/tabid/1168/language/en-US/Default.aspx](http://www.pic.int/tabid/1168/language/en-US/Default.aspx)

notifications submitted under the original PIC procedure,<sup>4</sup> they may wish to consider doing so for those chemicals not presently listed in Annex III if sufficient supporting information is available.

To facilitate the submission of notifications, a **form for notification of final regulatory action to ban or severely restrict a chemical** and **instructions on how to complete it** are available on the Convention website.<sup>5</sup>

### 2.3 Proposals for the listing of severely hazardous pesticide formulations

In line with paragraph 1 of Article 6, any Party that is a developing country or a country with an economy in transition and that is experiencing problems caused by a severely hazardous pesticide formulation under conditions of use in its territory, may propose to the Secretariat the listing of the severely hazardous pesticide formulation in Annex III.

**Appendix II** of the PIC Circular contains summaries of such proposals, which the Secretariat has verified contain the information required by part 1 of Annex IV to the Convention.

To facilitate the submission of proposals, an **incident report form for human health incidents involving severely hazardous pesticide formulations** and an **incident report form for environmental incidents involving severely hazardous pesticide formulations** are available on the Convention website.<sup>6</sup>

### 2.4 Chemicals subject to the PIC procedure

**Appendix III** of the PIC Circular lists all the chemicals that are currently listed in Annex III to the Convention and subject to the PIC procedure, their categories (pesticide, industrial and severely hazardous pesticide formulation) and the date of first communication of the corresponding decision guidance document.

The tenth meeting of the Conference of the Parties (COP-10) to the Rotterdam Convention, in its face-to-face segment held from 6 to 17 June 2022 in Geneva, Switzerland, decided to amend Annex III to list two new chemicals, making them subject to the prior Informed Consent Procedure and approving the related Decision Guidance Documents:

Chemical	Relevant CAS number(s)	Category	Decision No.
Decabromodiphenyl ether	1163-19-5	Industrial	RC-10/6
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds*	335-67-1	Industrial	RC-10/7

\*Note:

The following are included in this designation:

<sup>4</sup> **FAO & UNEP**.2019. *Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade*. Article 5, paragraph 2. Rome and Geneva.

<sup>5</sup> [www.pic.int/tabid/1182/language/en-US/Default.aspx](http://www.pic.int/tabid/1182/language/en-US/Default.aspx)

<sup>6</sup> [www.pic.int/tabid/1192/language/en-US/Default.aspx](http://www.pic.int/tabid/1192/language/en-US/Default.aspx)

- Perfluorooctanoic acid (PFOA) and its salts
- Any related substance (including its salts and polymers) having a linear or branched perfluoroheptyl group with the formula C<sub>7</sub>F<sub>15</sub>- directly attached to another carbon atom as one of the structural elements
- Any related substance (including its salts and polymers) having a linear or branched perfluorooctyl group with the formula C<sub>8</sub>F<sub>17</sub>- as one of the structural elements

The following substances are excluded from this designation:

- C<sub>8</sub>F<sub>17</sub>-X, where X = F, Cl, Br
- C<sub>8</sub>F<sub>17</sub>-C(=O)OH, C<sub>8</sub>F<sub>17</sub>-C(=O)O-X' or C<sub>8</sub>F<sub>17</sub>-CF<sub>2</sub>-X' (where X' = any group, including salts)
- Perfluorooctane sulfonic acid and its derivatives (PFOS) (C<sub>8</sub>F<sub>17</sub>SO<sub>2</sub>X (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers)).

The amendments to list decabromodiphenyl ether and perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds in Annex III entered into force for all Parties on 22 October 2022. Parties were invited to provide import responses by 21 July 2023, in accordance with paragraph 2 of Article 10 of the Convention.

## 2.5 Information exchange on exports and export notifications

Article 12 and Annex V to the Convention set out the provisions and information requirements related to export notifications. When a chemical that is banned or severely restricted by a Party is exported from its territory, that Party shall provide an export notification to the importing Party, which shall include the information in Annex V. The importing Party has the obligation to acknowledge receipt of the first export notification received after the adoption of the final regulatory action.

To assist Parties in meeting their obligations under the Convention, a **standard form for export notification and instructions on how to complete it** are available on the Convention website.<sup>7</sup>

The Conference of the Parties, at its tenth meeting, in its decision RC-10/4, encouraged Parties to provide information on their implementation of paragraph 2 of Article 11, and Articles 12 and 14 of the Convention by submitting responses to the periodic questionnaire on the implementation of those articles. The same decision requested the Secretariat, subject to the availability of resources, to continue implementing the provisions of decisions RC-7/2 on Proposals on ways of exchanging information on exports and export notifications and RC-9/1 on Status of implementation of the Convention.

## 2.6 Information to accompany exported chemicals

In response to paragraph 1 of Article 13, the World Customs Organization has assigned specific Harmonized System customs codes to the individual chemicals or groups of chemicals listed in Annex III to the Convention. These codes entered into force on 1 January 2007. For the chemicals listed in Annex III after 2011, Harmonized System codes will be assigned by the World Customs Organization. A table containing this information is available on the Convention website.<sup>8</sup>

If a Harmonized System customs code has been assigned to a chemical listed in Annex III, Parties shall require that the shipping document carries this assigned code when the chemical is exported.

## 2.7 Information on responses concerning import of chemicals listed in Annex III to the Convention

In accordance with paragraphs 2 and 4 of Article 10, each Party shall transmit to the Secretariat, as soon as possible, and in any event no later than nine months after the date of dispatch of the decision guidance document, a response concerning the future import of the chemical concerned. If a Party modifies this

<sup>7</sup> [www.pic.int/tabid/1365/language/en-US/Default.aspx](http://www.pic.int/tabid/1365/language/en-US/Default.aspx)

<sup>8</sup> [www.pic.int/tabid/1159/language/en-US/Default.aspx](http://www.pic.int/tabid/1159/language/en-US/Default.aspx)



response, the Party shall forthwith submit the revised response to the Secretariat. The response shall consist of either a final decision or an interim response.

Paragraph 7 of Article 10 provides that, each Party shall, no later than the date of entry into force of the Convention for that Party, transmit to the Secretariat import responses with respect to each chemical listed in Annex III to the Convention.

**Appendix IV** includes an overview of import responses received since the last PIC Circular. All import responses received, including a description of the legislative or administrative measures on which the decisions have been based, are available on the Convention website.<sup>9</sup> Information on any cases of failure to transmit a response is also available.

As at 31 October 2022, the following Parties have submitted import responses for 52 chemicals listed in Annex III to the Convention: Australia, Bosnia and Herzegovina, Cabo Verde, Cambodia, Canada, China, Colombia, Costa Rica, Eritrea, European Union (on behalf of its 27 Member States), Guyana, Japan, Malaysia, North Macedonia, Norway, Qatar, Russian Federation, Rwanda, Saint Kitts and Nevis, Serbia, Singapore, Switzerland, Togo, Tunisia, United Arab Emirates and United Kingdom of Great Britain and Northern Ireland. 112 Parties have not yet provided import responses for one or more of the chemicals listed in Annex III to the Convention. Of these, the following eight Parties have failed to provide any import responses: Afghanistan, Djibouti, Grenada, Marshall Islands, Namibia, Saint Vincent and the Grenadines, Sierra Leone and Somalia. As mentioned above, import responses for decabromodiphenyl ether and perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds were invited to be transmitted by 21 July 2023.

To facilitate the submission of responses regarding import, a **form for import response and instructions on how to complete it** are available on the Convention website.<sup>10</sup>

Import responses must be submitted through the official channel of communication for the Party. The date of issue and signature of the DNA is to be provided for each individual form.<sup>11</sup>

## **2.8 Information on chemicals for which the Conference of the Parties has yet to take a final decision**

The Conference of the Parties, in its decisions RC-3/3, RC-4/4, RC-6/8, RC-8/6, RC-8/7 and RC-9/5 encouraged Parties to make use of all information available on the following chemicals, to assist others, in particular developing countries and countries with economies in transition, to make informed decisions regarding their import and management and to inform other Parties of those decisions using the information exchange provisions in Article 14: acetochlor; carbosulfan; chrysotile asbestos; fenthion (ultra-low volume (ULV) formulations at or above 640 g active ingredient/L); and liquid formulations (emulsifiable concentrate and soluble concentrate) containing paraquat dichloride at or above 276 g/L, corresponding to paraquat ion at or above 200 g/L.

In line with these decisions and paragraph 1 of Article 14, **Appendix VI** of the PIC Circular contains information on chemicals recommended by the Chemical Review Committee for listing in Annex III but for which the Conference of the Parties has yet to take a final decision.

## **2.9 Information on transit movements**

As outlined in paragraph 5 of Article 14, any Party requiring information on transit movements through its territory of chemicals listed in Annex III may report its need to the Secretariat, which shall inform all Parties accordingly.

<sup>9</sup> [www.pic.int/tabid/1370/language/en-US/Default.aspx](http://www.pic.int/tabid/1370/language/en-US/Default.aspx)

<sup>10</sup> [www.pic.int/tabid/1165/language/en-US/Default.aspx](http://www.pic.int/tabid/1165/language/en-US/Default.aspx)

<sup>11</sup> [www.pic.int/tabid/1165/language/en-US/Default.aspx](http://www.pic.int/tabid/1165/language/en-US/Default.aspx)

Since the last PIC Circular, no Party has reported to the Secretariat its need for information on transit movements through its territory of Annex III chemicals.

### **3. ADDITIONAL INFORMATION**

#### **3.1 Information on the status of ratification of the Rotterdam Convention**

As at 31 October 1 2022 there were 165 Parties to the Rotterdam Convention.<sup>12</sup> Information on new Parties after 31 October 2022 will be reported in the next PIC Circular.

#### **3.2 Documents relevant to the implementation of the Rotterdam Convention**

The following documents relevant to the implementation of the Convention are available on the Convention website:<sup>13</sup>

- Text of the Convention – Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (*Arabic, Chinese, English, French, Russian, Spanish*);<sup>14</sup>
- Decision guidance documents for each of the chemicals listed in Annex III to the Convention (*English, French, Spanish*);<sup>15</sup>
- Form and instructions for notification of final regulatory action to ban or severely restrict a chemical (*English, French, Spanish*);<sup>5</sup>
- Form and instructions for import responses (*English, French, Spanish*);<sup>11</sup>
- Form and instructions for reporting human health incidents and environmental incidents relating to severely hazardous pesticide formulations (*English, French, Spanish*);<sup>6</sup>
- Export notification form and instructions (*English, French, Spanish*);<sup>7</sup>
- Form for notification of designation of contacts (*English, French, Spanish*);<sup>16</sup>
- All PIC Circulars (*English, French, Spanish*);<sup>3</sup>
- Database of designated national authorities and official contact points for the Rotterdam Convention (*English*).<sup>1</sup>

#### **3.3 Resource Kit of information on the Rotterdam Convention**

The Resource Kit<sup>17</sup> is a collection of publications containing information on the Rotterdam Convention. It has been developed with a range of end-users in mind, including the public, designated national authorities and stakeholders involved in the implementation of the Convention. It includes elements to assist in awareness-raising activities and detailed technical information and training materials aimed at facilitating implementation of the Convention.

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<sup>12</sup> [www.pic.int/tabid/1072/language/en-US/Default.aspx](http://www.pic.int/tabid/1072/language/en-US/Default.aspx)

<sup>13</sup> [www.pic.int](http://www.pic.int)

<sup>14</sup> [www.pic.int/tabid/1048/language/en-US/Default.aspx](http://www.pic.int/tabid/1048/language/en-US/Default.aspx)

<sup>15</sup> [www.pic.int/tabid/2413/language/en-US/Default.aspx](http://www.pic.int/tabid/2413/language/en-US/Default.aspx)

<sup>16</sup> [www.pic.int/tabid/3285/language/en-US/Default.aspx](http://www.pic.int/tabid/3285/language/en-US/Default.aspx)

<sup>17</sup> [www.pic.int/tabid/1064/language/en-US/Default.aspx](http://www.pic.int/tabid/1064/language/en-US/Default.aspx)

**APPENDIX I****SYNOPSIS OF NOTIFICATIONS OF FINAL REGULATORY ACTION  
RECEIVED SINCE THE LAST PIC CIRCULAR**

This appendix consists of three parts:

**Part A: Summary of notifications of final regulatory action that have been verified as containing all the information required by Annex I to the Convention**

Notifications of final regulatory action that have been verified as containing all the information required in Annex I to the Convention, received between 1 May 2022 to 31 October 2022.

**Part B: Notifications of final regulatory action that have been verified as not containing all the information required by Annex I to the Convention**

Notifications of final regulatory action that have been verified as not containing all the information required by Annex I to the Convention, received between 1 May 2022 to 31 October 2022.

**Part C: Notifications of final regulatory action still under verification**

Notifications of final regulatory action that have been received by the Secretariat for which the verification process has not yet been completed.

The information is also available on the Convention website.<sup>18</sup>

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<sup>18</sup> [www.pic.int/tabid/1368/language/en-US/Default.aspx](http://www.pic.int/tabid/1368/language/en-US/Default.aspx)

**Synopsis of notifications of final regulatory action received since the last PIC Circular****PART A****SUMMARY OF NOTIFICATIONS OF FINAL REGULATORY ACTION THAT HAVE BEEN VERIFIED AS CONTAINING ALL THE INFORMATION REQUIRED BY ANNEX I TO THE CONVENTION****CHILE**

**Common Name(s):** Alachlor **CAS number(s):** 15972-60-8

**Chemical Name:** Acetamide, 2-chloro-*N*-(2,6-diethylphenyl)-*N*-(methoxymethyl)-

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** BOXER, LASSO, ALANEX 48% EC, ALAZINE 35/20 L.M., LASSO MICRO-TECH, ALACLOR 48 SC.

**The final regulatory action was based on a risk or hazard evaluation:** No

**Basis for the final regulatory action:**

This measure considered the following points:

- That it corresponds to the Agricultural and Livestock Service (SAG) to regulate, restrict, or prohibit the manufacture, import, export, distribution, sale, hold and use of pesticides in national agriculture.
- That chemical substances subject to the Stockholm Convention, ratified by Chile in 2005, are updated as the research and the scientific knowledge of persistent organic pollutants improves, incorporating new substances within the annexes A, B and C of the Convention.
- That chemical substances subject to the Rotterdam Convention, ratified by Chile in 2005, are updated according to the notifications presented by the Parties regarding the adoption of final regulatory actions regarding the use of a product, based on aspects sanitary or environmental, incorporating these new substances in Annex III of the Convention according to its established technical requirements.
- That the National Plan for the Implementation of Management of Persistent Organic Pollutants, in which the Service is a participant, includes as activities the updating of current regulations regarding the inclusion of new chemical substances in the Stockholm Convention, within the scope of pesticide substances.
- That alachlor, is intended for herbicide use and belongs to the chemical group of chloroacetamides, is a potential carcinogen and can produce a series of metabolites of toxicological and/or ecotoxicological relevance.

**Additional information related to the chemical or the final regulatory action:**

Information published on Rotterdam Convention website, for Annex III substances:

[www.pic.int/Portals/5/download.aspx?d=UNEP-FAO-RC-DGD-GUID-Alachlor-2011.En.pdf](http://www.pic.int/Portals/5/download.aspx?d=UNEP-FAO-RC-DGD-GUID-Alachlor-2011.En.pdf)

Pesticide for agricultural use. Prior to the adoption of the MRF, there were six formulations with registration, all of them with herbicide aptitude.

**Summary of the final regulatory action:** It is prohibited to manufacture, import, distribute, place on the market, hold and use pesticide active substances containing Alachlor, in all formulations for agricultural and forestry use, as well as the technical material or technical concentrate intended for the national formulation of phytosanitary products for agricultural and forestry use or for exporting.

Exceptionally, the entry of analytical standards used to determine the analytes corresponding to pure active substances and the metabolites used in a monitoring program, in studies of residues in different matrices related to the forestry and agricultural field, or in scientific research will be allowed. The admission must comply with the provisions of the resolution that regulates the entry of analytical standards of pesticides (Exempt Resolution No. 1557 of 2014, establishes the requirements for the authorization and repeal of pesticides Resolution No. 3670 of 1999). [www.bcn.cl/leychile/navegar?idNorma=1060172&idVersion=2019-01-21&idParte=9416045](http://www.bcn.cl/leychile/navegar?idNorma=1060172&idVersion=2019-01-21&idParte=9416045)

Manufacturers, importers, exporters, distributors, retailers, stockists and holders who, for any reason, maintain or have maintained stocks of pesticides formulated with Alachlor active substances must comply with the provisions of the resolution regulating the obligation to declare to the Agricultural and Livestock Service the existence of expired pesticides (Exempt Resolution No. 432 of 2015, establishes the obligation to declare to the Agricultural and Livestock Service the existence of expired pesticides and repeals resolutions indicated) [www.bcn.cl/leychile/navegar?idNorma=1075015](http://www.bcn.cl/leychile/navegar?idNorma=1075015).

Violations to this resolution will be sanctioned as provided on Decree Law N° 3557 of 1980 ([www.bcn.cl/leychile/navegar?idNorma=7178](http://www.bcn.cl/leychile/navegar?idNorma=7178)) and according to Law N°18755 ([www.bcn.cl/leychile/navegar?idNorma=30135](http://www.bcn.cl/leychile/navegar?idNorma=30135)).

**Date of entry into force of the final regulatory action:** 04/01/2012

## CHILE

**Common Name(s):** Endosulfan

**CAS number(s):** 115-29-7

**Chemical Name:** 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** THIODAN 50 PM, THIONEX 50 WP, THIONEX 35 EC, DECISDAN 328 EC.

**The final regulatory action was based on a risk or hazard evaluation:** No

**Basis for the final regulatory action:**

This measure considered the following points:

- That it corresponds to the Agricultural and Livestock Service (SAG) to regulate, restrict, or prohibit the manufacture, import, export, distribution, sale, hold and use of pesticides in national agriculture.
- That chemical substances subject to the Stockholm Convention, ratified by Chile in 2005, are updated as the research and the scientific knowledge of persistent organic pollutants improves, incorporating new substances within the annexes A, B and C of the Convention.
- That chemical substances subject to the Rotterdam Convention, ratified by Chile in 2005, are updated according to the notifications presented by the Parties regarding the adoption of final regulatory actions regarding the use of a product, based on aspects sanitary or environmental, incorporating these new substances in Annex III of the Convention according to its established technical requirements.
- That the National Plan for the Implementation of Management of Persistent Organic Pollutants, in which the Service is a participant, includes as activities the updating of current regulations regarding the inclusion of new chemical substances in the Stockholm Convention, within the scope of pesticide substances.
- That endosulfan, is intended for herbicide use and belongs to the chemical group of chloroacetamides, is a potential carcinogen and can produce a series of metabolites of toxicological and/or ecotoxicological relevance.

**Additional information related to the chemical or the final regulatory action:**

Information published on Rotterdam Convention website, for Annex III substances:

[www.pic.int/Portals/5/download.aspx?d=UNEP-FAO-RC-DGD-GUID-Endosulfan-2011.Sp.pdf](http://www.pic.int/Portals/5/download.aspx?d=UNEP-FAO-RC-DGD-GUID-Endosulfan-2011.Sp.pdf).

**Summary of the final regulatory action:** It is prohibited to manufacture, import, distribute, place on the market, hold and use pesticide active substances containing Endosulfan, in all formulations for agricultural and forestry use, as well as the technical material or technical concentrate intended for the national formulation of phytosanitary products for agricultural and forestry use or for exporting.

Exceptionally, the entry of analytical standards used to determine the analytes corresponding to pure active substances and the metabolites used in a monitoring program, in studies of residues in different matrices related to the forestry and agricultural field, or in scientific research will be allowed. The admission must comply with the provisions of the resolution that regulates the entry of analytical standards of pesticides (Exempt Resolution No. 1557 of 2014, establishes the requirements for the authorization and repeal of pesticides Resolution No. 3670 of 1999). [www.bcn.cl/leychile/navegar?idNorma=1060172&idVersion=2019-01-21&idParte=9416045](http://www.bcn.cl/leychile/navegar?idNorma=1060172&idVersion=2019-01-21&idParte=9416045).

Manufacturers, importers, exporters, distributors, retailers, stockists and holders who, for any reason, maintain or have maintained stocks of pesticides formulated with Endosulfan active substances must comply with the provisions of the resolution regulating the obligation to declare to the Agricultural and Livestock Service the existence of expired pesticides (Exempt Resolution No. 432 of 2015, establishes the obligation to declare to the Agricultural and Livestock Service the existence of expired pesticides and repeals resolutions indicated).  
<https://www.bcn.cl/leychile/navegar?idNorma=1075015>.

Violations to this resolution will be sanctioned as provided on Decree Law N° 3557 of 1980 (<https://www.bcn.cl/leychile/navegar?idNorma=7178>) and according to Law N° 18755 ([www.bcn.cl/leychile/navegar?idNorma=30135](http://www.bcn.cl/leychile/navegar?idNorma=30135))

**Date of entry into force of the final regulatory action:** 04/01/2012

## EUROPEAN UNION

**Common Name(s):** Chlorpyrifos **CAS number(s):** 2921-88-2

**Chemical Name:** *O,O*-Diethyl *O*-(3,5,6-trichloro-2-pyridinyl) phosphorothioate

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** All applications as a plant protection product.

**Use or uses that remain allowed:** Not relevant

**The final regulatory action was based on a risk or hazard evaluation:** Yes

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing chlorpyrifos because chlorpyrifos is not approved as an active substance under Regulation (EC) No 1107/2009 concerning the placing of plant protection products on the market.

EU Member States had to withdraw all authorisations for plant protection products containing chlorpyrifos as active substance by 16 February 2020 at the latest. Disposal, storage, placing on the market and use of existing stocks of plant protection products containing chlorpyrifos is prohibited as of 16 April 2020.

**The reasons for the final regulatory action were relevant to:** Human health

**Summary of known hazards and risks to human health:**

The overall conclusion of the assessment of chlorpyrifos in relation to impacts on human health, based on the information available and the proposed conditions of use, is that the approval criteria as set out in Article 4(1) to (3) of Regulation (EC) No 1107/2009 are not satisfied as concerns were identified with regards to:

- The genotoxic potential of chlorpyrifos, which cannot be ruled out based on the information available – positive findings were found in an in vitro chromosome aberration study and two in vitro unscheduled DNA synthesis assays; in vivo positive findings were found in open literature on chromosome aberration and on DNA damage caused through oxidative stress or by topoisomerase II inhibition which is considered a molecular initiating event for infant leukaemia. Consequently, health-based reference values cannot be established for chlorpyrifos and the dietary and non-dietary risk assessments cannot be conducted.
- Developmental neurotoxicity (DNT) – effects were observed in the available study on developmental neurotoxicity in rats (adverse effects were seen at the lowest dose tested in rats and a no observed adverse effects level 'NOAEL' could not be established) and epidemiological evidence exists showing an association between exposure to chlorpyrifos and/or chlorpyrifos-methyl during development and adverse neurodevelopmental outcomes in children.
- Based on the evidence for DNT, experts during the peer review suggested that a classification of chlorpyrifos as toxic for reproduction, category 1B, H360D 'May damage the unborn child', in accordance with the criteria set out in Commission Regulation (EC) No 1272/2008 would be appropriate.

**Expected effect of the final regulatory action in relation to human health:** Reduction of risk for human health from the use of plant protection products containing chlorpyrifos.

**Summary of known hazards and risks to the environment:** As regards the environmental risk assessment it should be noted that, based on the human health risk assessment, it has not been established, with respect to one or more representative uses of at least one plant protection product that the approval criteria provided for in

Article 4 of Regulation (EC) No 1107/2009 are satisfied. The environmental risk assessment, although not finalised, cannot alter this conclusion since the approval criteria related to the effects on human health are not satisfied and should therefore not delay further the decision-making on the renewal of the approval of the active substance.

**Expected effect of the final regulatory action in relation to the environment:** Not relevant.

**Date of entry into force of the final regulatory action:** 10/01/2020

Complete entry into force of all provisions of Commission Implementing Regulation (EU) 2020/18 of 10 January 2020 concerning the non-renewal of the approval of the active substance chlorpyrifos was on 16 January 2020.

## EUROPEAN UNION

**Common Name(s):** Mancozeb **CAS number(s):** 8018-01-7

**Chemical Name:** Manganese ethylenebis(dithiocarbamate) (polymeric) complex with zinc salt

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** All applications as a plant protection product.

**Use or uses that remain allowed:** Not relevant

**The final regulatory action was based on a risk or hazard evaluation:** Yes

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing mancozeb because mancozeb is not approved as an active substance in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market.

EU Member States had to withdraw all authorisations for plant protection products containing mancozeb as active substance by 4 July 2021 at the latest. Disposal, storage, placing on the market and use of existing stocks of plant protection products containing mancozeb is prohibited as of 4 January 2022.

**The reasons for the final regulatory action were relevant to:** Human health and environment

**Summary of known hazards and risks to human health:**

In conclusion from the assessments made on the basis of the submitted information, no plant protection product containing the active substance mancozeb is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) 546/2011.

According to the evaluation related to human health the following concerns were identified:

- Mancozeb has to be classified as toxic for reproduction category 1B (R1B) in accordance with the criteria set out in Commission Regulation (EC) No 1272/2008 as recommended in the opinion of the Risk Assessment Committee of the European Chemicals Agency published in March 2019. Substances which are classified as R1B cannot be approved unless negligible exposure is demonstrated, or information is provided in the application to demonstrate that the active substances is necessary to control a serious danger to plant health which cannot be controlled via other available means (Art 4.7 of Regulation (EC) No 1107/2009).
- Mancozeb meets the criteria to be identified as having endocrine disrupting properties for humans - according to the T (thyroid) modality-, which has similar consequences for approval as the classification as R1B.
- Estimates of non-dietary exposure exceed the reference values for tomatoes, potatoes, cereals (for some kinds of applications) and grapevines, which are the sole uses proposed by the applicant in its application.

**Expected effect of the final regulatory action in relation to human health:** Reduction of risk for human health from the use of plant protection products containing mancozeb.

**Summary of known hazards and risks to the environment:** In conclusion from the assessments made on the basis of the submitted information, no plant protection product containing the active substance mancozeb is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) 546/2011.

According to the evaluation related to the environment, the following concerns were identified:

- Mancozeb meets the criteria to be identified as having endocrine disrupting properties for non-target organisms -according to the T (thyroid) modality.
- Mancozeb poses a high risk to birds, mammals, non-target arthropods, soil macro- organisms for all representative uses (except for tomatoes grown in high technology permanent greenhouses) as well as for aquatic organisms, except for the use on potatoes.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk for the environment from the use of plant protection products containing mancozeb.

**Date of entry into force of the final regulatory action:** 14/12/2020

Complete entry into force of all provisions of Commission Implementing Regulation (EU) 2020/2087 of 14 December 2020 concerning the non-renewal of the approval of the active substance mancozeb was 4 January 2021.

## EUROPEAN UNION

**Common Name(s):** Mercury

**CAS number(s):**

7439-97-6

**Chemical Name:** Mercury

**Final regulatory action has been taken for the category:** Industrial

**Final regulatory action:** The chemical is severely restricted.

**Use or uses prohibited by the final regulatory action:**

### **Regulation (EC) 1907/2006 (REACH)**

Mercury shall not be placed on the market:

- In fever thermometers;
- In other measuring devices intended for sale to the general public (such as manometers, barometers, sphygmomanometers, thermometers other than fever thermometers).

The following mercury-containing measuring devices intended for industrial and professional uses shall not be placed on the market:

- Barometers;
- Hygrometers;
- Manometers;
- Sphygmomanometers;
- Strain gauges to be used with plethysmographs;
- Tensiometers;
- Thermometers and other non-electrical thermometric applications.
- Mercury pycnometers;
- Mercury metering devices for determination of the softening point.

### **Directive 2006/66/EC**

Without prejudice to Directive 2000/53/EC on end-of life vehicles, Member States shall prohibit the placing on the market of all batteries or accumulators, whether or not incorporated into appliances, that contain more than 0.0005 percent of mercury by weight.

### **Directive 2011/65/EU (RoHS)**

Member States shall ensure that electric and electronic equipment placed on the market, including cables and spare parts for its repair, its reuse, updating of its functionalities or upgrading of its capacity, does not contain mercury in concentrations above 0.1 percent. Certain applications are exempted from this restriction (see section below).



**Regulation (EU) 2017/852 on mercury**

Regulation (EU) 2017/852 establishes a progressive restriction on the use of mercury and mercury compounds in industrial manufacturing processes. The use of mercury and mercury compounds in the following manufacturing processes have already been banned in the European Union:

1. Manufacturing processes in which mercury or mercury compounds are used as a catalyst;
2. Most manufacturing processes (including chlor-alkali production) in which mercury is used as an electrode, with the exemption of those listed in the section below;
3. The production of polyurethane.

The manufacturing, import and export of the following mercury added products is prohibited:

1. Batteries or accumulators that contain more than 0.0005 percent of mercury by weight.
2. Switches and relays, except very high accuracy capacitance and loss measurement bridges and high frequency radio frequency switches and relays in monitoring and control instruments with a maximum mercury content of 20 mg per bridge, switch or relay.
3. Compact fluorescent lamps (CFLs) for general lighting purposes:
  - o CFL.i  $\leq$  30 watts with a mercury content exceeding 2.5 mg per lamp burner;
  - o CFL.ni  $\leq$  30 watts with a mercury content exceeding 3.5 mg per lamp burner.
4. The following linear fluorescent lamps (LFLs) for general lighting purposes:
  - o Triband phosphor  $<$  60 watts with a mercury content exceeding 5 mg per lamp;
  - o Halophosphate phosphor  $\leq$  40 watts with a mercury content exceeding 10 mg per lamp.
5. High pressure mercury vapour lamps (HPMVs) for general lighting purposes.
6. The following mercury-added cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFLs and EEFLs) for electronic displays:
  - o Short length ( $\leq$  500 mm) with mercury content exceeding 3,5 mg per lamp;
  - o Medium length ( $>$  500 mm and  $\leq$  1 500 mm) with mercury content exceeding 5 mg per lamp;
  - o Long length ( $>$  1 500 mm) with mercury content exceeding 13 mg per lamp.
7. Cosmetics with mercury and mercury compounds, except those special cases included in entries 16 and 17 of Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council.
8. Pesticides, biocides and topical antiseptics.
9. The following non-electronic measuring devices:
  - o Barometers;
  - o Hygrometers;
  - o Manometers;
  - o Thermometers and other non-electrical thermometric applications;
  - o Sphygmomanometers;
  - o Strain gauges to be used with plethysmographs;
  - o Mercury pycnometers;
  - o Mercury metering devices for determination of the softening point.

The use of mercury in artisanal and small-scale gold mining and processing in which mercury amalgamation is used to extract gold from ore is prohibited.

From 1 January 2019, dental amalgam can only be used in pre-dosed encapsulated form. The use of mercury in bulk form by dental practitioners is prohibited. From 2018 dental amalgam shall not be used for dental treatment of deciduous teeth, of children under 15 years and of pregnant or breastfeeding women, except when deemed strictly necessary by the dental practitioner based on the specific medical needs of the patient.

Art. 8 of Regulation (EU) 2017/852 sets a regulatory regime under which the manufacturing and placing on the market of new Mercury Added Products (MAPs) and the use of new processes are prohibited unless authorised by the Commission under its Art. 8 (6) or allowed under Art. 4(6) of the RoHS Directive.

A new MAP is accordingly defined under Art. 8(1) as one that was not being manufactured prior to 1 January 2018 whilst a new process is defined under Art. 8(2) as one that was not being used prior to 1 January 2018. An indicative, non-exhaustive list of MAPs and manufacturing processes is available, together an indicative non-exhaustive list of EU legal instruments directly or indirectly covering them is available in the following link: [https://circabc.europa.eu/sd/a/ef04cabe-8f8e-484f-8e2f-dcbbc352c5a2/Inventory%20art%208\(7\)%20Mercury%20Reg%202018-07-02.pdf](https://circabc.europa.eu/sd/a/ef04cabe-8f8e-484f-8e2f-dcbbc352c5a2/Inventory%20art%208(7)%20Mercury%20Reg%202018-07-02.pdf).

*Use or uses that remain allowed:*

#### **Regulation (EU) 2017/852 on mercury**

The use of mercury or mercury compounds, whether in pure form or in mixtures, in the following manufacturing processes:

1. Regarding manufacturing processes in which mercury is used as an electrode, production of sodium or potassium methylate or ethylate remains allowed until 1 January 2028. Chlor-alkali production in which mercury is used as an electrode is prohibited from 11 December 2017.
2. The use of mercury and mercury compounds in the production of sodium or potassium methylate or ethylate shall be until January 2028, subject to the following conditions:
  - o No use of mercury from primary mercury mining;
  - o Reduction of direct and indirect release of mercury and of mercury compounds into air, water and land in terms of per unit production by 50 percent by 2020 as compared to 2010;
  - o Supporting research and development in respect of mercury-free manufacturing processes; and
  - o As from 13 June 2017, the capacity of installations using mercury and mercury compounds for the production of sodium or potassium methylate or ethylate that were in operation before that date shall not be increased and no new installations shall be allowed.

The manufacturing, import and export of the following mercury added products is allowed:

1. Switches and relays, cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFLs and EEFLs) for electronic displays and measuring devices, when they are used to replace a component of larger equipment and provided that no feasible mercury-free alternative for that component is available, in accordance with Directive 2000/53/EC on end-of life vehicles and Directive 2011/65/EU (RoHS).
2. Very high accuracy capacitance and loss measurement bridges and high frequency radio frequency switches and relays in monitoring and control instruments with a maximum mercury content of 20 mg per bridge, switch or relay.

The manufacturing and use of mercury-added products for research, for calibration of instrumentation, or for use as a reference standard is permitted as well as products that are essential for civil protection and military uses;

The use of non-electronic measuring devices installed in large-scale equipment or those used for high precision measurement where no suitable mercury-free alternative is available is permitted.

Manufacture and placing on the market of the following new mercury added products is permitted for:

1. Equipment which is necessary for the protection of the essential interests of the security of Member States, including arms, munitions and war material intended for specifically military purposes;
2. Equipment designed to be sent into space;
3. Technical improvements made to or the redesign of mercury-added products that were being manufactured prior to 1 January 2018 provided that such improvements or redesign lead to less mercury being used in those products.

The use of mercury and mercury compounds in the following manufacturing processes is permitted:

1. Isotope separation, in particular lithium-6 and lithium-7 (e.g. COLEX process);
2. Production e.g. of tetraethyl lead,  $\gamma$ -keto acids and vitamin B-2;
3. Fire gilding and mercury silvering.

Manufacturing and use of Dental amalgams in pre-dosed encapsulated form is permitted. The use of amalgam separators in dental facilities in which dental amalgam is used or dental amalgam fillings or teeth containing such fillings are removed is mandatory, in order to protect dental practitioners and patients from mercury exposure and to ensure that the resulting waste is collected and disposed of in accordance with sound waste management and under no circumstances released into the environment.

The review undertaken by the European Commission (COM/2020/378 final <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1597885340723&uri=CELEX:52020DC0378>) makes clear that the phase out of the largest remaining use of mercury in the European Union – dental amalgam – is technically and economically feasible, before 2030. Therefore, the Commission will present to the European Parliament and the Council in 2022 a legislative proposal to phase out the use of dental amalgam.

### **Directive 2011/65/EU (RoHS)**

The use of mercury is allowed for the following medical devices and monitoring and control instrument:

1. Detectors for ionising radiation;
2. Infra-red light detectors;
3. Reference electrodes: low chloride mercury chloride, mercury sulphate and mercury oxide;
4. Very high accuracy capacitance and loss measurement bridges and in high frequency RF switches and relays in monitoring and control instruments not exceeding 20 mg of mercury per switch or relay.

The use of mercury is allowed for the following applications:

1. Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):
  - (a) For general lighting purposes < 30 W: 2.5 mg
  - (b) For general lighting purposes  $\geq 30$  W and < 50 W: 3.5 mg
  - (c) For general lighting purposes  $\geq 50$  W and < 150 W: 5 mg
  - (d) For general lighting purposes  $\geq 150$  W: 15 mg
  - (e) For general lighting purposes with circular or square structural shape and tube diameter  $\leq 17$  mm: 7 mg
  - (f) For special purposes: 5 mg
2. Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):
  - (a) Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 4 mg
  - (b) Tri-band phosphor with normal lifetime and a tube diameter  $\geq 9$  mm and  $\leq 17$  mm (e.g. T5): 3 mg
  - (c) Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and  $\leq 28$  mm (e.g. T8): 3.5 mg
  - (d) Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 3.5 mg
  - (e) Tri-band phosphor with long lifetime ( $\geq 25\,000$  h): 8 mg; 3.5 mg
3. Mercury in other fluorescent lamps not exceeding (per lamp):
  - (a) Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9): 15 mg
  - (b) Lamps for other general lighting and special purposes (e.g. induction lamps) 15 mg
4. Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
  - (a) Short length ( $\leq 500$  mm): 3.5 mg
  - (b) Medium length (> 500 mm and  $\leq 1\,500$  mm): 5mg
  - (c) Long length (> 1 500 mm): 13 mg
  - (d) Mercury in other low pressure discharge lamps (per lamp): 15 mg
5. Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index  $R_a > 60$ :
  - (a)  $P \leq 155$  W: 30 mg
  - (b)  $155$  W <  $P \leq 405$  W: 40 mg
  - (c)  $P > 405$  W: 40 mg

6. Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):
  - (a)  $P \leq 155 \text{ W}$ : 25 mg
  - (b)  $155 \text{ W} < P \leq 405 \text{ W}$ : 30 mg
  - (c)  $P > 405 \text{ W}$ : 40 mg
7. Mercury in metal halide lamps (MH)
8. Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex III of RoHS

In December 2021, the European Commission adopted 12 delegated acts concerning exemptions for the use of mercury in lamps (including compact fluorescent lamps CFL, triband phosphor LFLs, CCFL and EEFL. These delegated acts will phase out some of those applications in a short time period (2023–2025).

[https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive\\_en](https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive_en).

#### **Directive 2006/66/EC**

The use of mercury is allowed for portable batteries and accumulators intended for use in:

1. Emergency and alarm systems, including emergency lighting;
2. Medical equipment.

#### **Regulation (EC) 1907/2006 (REACH)**

The use of Mercury-containing measuring devices is allowed for the following exemptions:

1. Mercury-containing measuring sphygmomanometers as reference standards in clinical validation studies of mercury-free sphygmomanometers;
2. Mercury-containing measuring devices more than 50 years old on 3 October 2007;
3. Mercury-containing measuring devices which are to be displayed in public exhibitions for cultural and historical purpose;
4. Mercury-containing measuring devices that were in use in the Community before 3 April 2009. However, Member States may restrict or prohibit the placing on the market of such measuring devices.

***The final regulatory action was based on a risk or hazard evaluation:*** Yes

***Summary of the final regulatory action:*** The use of mercury is severely restricted in the European Union pursuant to Regulation (EU) 2017/852 on mercury, Regulation (EC) 1907/2006 (REACH), Directive 2011/65/EU (RoHS) and Directive 2006/66/EC (batteries and accumulators).

In 2006, Directive 2006/66/EC introduced a prohibition on the placing on the market of batteries and accumulators containing mercury.

In 2007, Directive 2007/51/EC introduced a restriction under Directive 76/769/EEC on the placing on the market of mercury in fever thermometers and in other measuring devices intended for sale to the general public.

Regulation (EC) No 1907/2006 (REACH) repealed Directive 76/769/EEC. Commission Regulation (EC) No 552/2009 amended Annex XVII to REACH by incorporating in entry 18.a the restrictions on certain measuring devices containing mercury that was adopted under Directive 2007/51/EC.

In 2011, Directive 2011/65/EU (RoHS) established a restriction on the placing on the market of electric and electronic equipment to a maximum concentration value of 0.1 percent of mercury, allowing exemptions for certain applications for a limited time period.

Commission Regulation (EU) No 847/2012 amended Annex XVII to REACH by incorporating in entry 18.a a restriction on the placing on the market of mercury-containing and mercury-using measuring devices intended for industrial and professional uses. The restriction started to apply from 10 April 2014.

Regulation (EU) 2017/852 on mercury was adopted on May 2017. This regulation complements the European Union *acquis* and lays down the provisions that are needed to ensure the complete alignment of the European Union *acquis* with the Minamata Convention on Mercury establishing measures and conditions concerning the use and storage of and trade in mercury, mercury compounds and mixtures of mercury, and the manufacture and use of and trade in mercury-added products, and the management of mercury waste.

***The reasons for the final regulatory action were relevant to:*** Human health and environment

***Summary of known hazards and risks to human health:*** Mercury is a chemical of global concern owing to its

long-range atmospheric transport, its persistence in the environment once anthropogenically introduced, its ability to bioaccumulate in ecosystems and its significant negative effects on human health, which include significant adverse neurological and other health effects, with particular concerns expressed about its harmful effects on infants and unborn children.

Mercury can be transformed to methylmercury, the most toxic form, which biomagnifies especially in the aquatic food chain, making populations and wildlife with a high intake of fish and seafood particularly vulnerable.

**Expected effect of the final regulatory action in relation to human health:** Reduction of risk for human health from the use of mercury.

**Summary of known hazards and risks to the environment:** Mercury is a chemical of global concern owing to its long-range atmospheric transport, its persistence in the environment once anthropogenically introduced, its ability to bioaccumulate in ecosystems and its significant negative effects on the environment.

Mercury can be transformed to methylmercury, the most toxic form, which biomagnifies especially in the aquatic food chain, making populations and wildlife with a high intake of fish and seafood particularly vulnerable.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk for the environment from the use of mercury.

**Date of entry into force of the final regulatory action:** 13/06/2017

Directive 2006/66/EC entered into force on 26 September 2006.

Directive 2007/51/EC started to apply on 3 April 2009.

Commission Regulation (EC) No 552/2009 entered into force on 27 June 2009.

Directive 2011/65/EU entered into force on 21 July 2011.

Commission Regulation (EU) No 847/2012 started to apply from 10 April 2014.

Regulation (EU) 2017/852 entered into force on 13 June 2017.

## EUROPEAN UNION

**Common Name(s):** Methiocarb

**CAS number(s):** 2032-65-7

**Chemical Name:** 4-Methylthio-3,5-xylol methylcarbamate

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** All applications as a plant protection product.

**Use or uses that remain allowed:** Not relevant

**The final regulatory action was based on a risk or hazard evaluation:** Yes

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing methiocarb because methiocarb is not approved as an active substance pursuant to Regulation (EC) No 1107/2009 concerning the placing of plant protection products on the market.

EU Member States had to withdraw all authorisations for plant protection products containing methiocarb as active substance by 3 January 2020 at the latest. Disposal, storage, placing on the market and use of existing stocks of plant protection products containing methiocarb is prohibited as of 4 April 2020.

**The reasons for the final regulatory action were relevant to:** Human health and environment

**Summary of known hazards and risks to human health:**

In conclusion from the assessments made on the basis of the submitted information, no plant protection product containing the active substance methiocarb is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) 546/2011. According to the evaluation related to human health, the following concerns were identified:

- Exposure for workers loading and sowing the treated seed was above the AOEL (628 percent of the AOEL) and AAOEL (826 percent of the AAOEL) even with the use of workwear, gloves and FFP3 Respiratory Protective Equipment.

The information available is insufficient to satisfy the requirements set out in Article 4(1) to (3) of Regulation (EC) No 1107/2009, in particular with regard to:

- The consumer risk assessment could not be conducted because the residue definition for risk assessment in plant commodities is not finalised due to the lack of outstanding toxicity data to rule out the genotoxic potential for the metabolite methiocarb sulfoxide;
- Information on the analytical methods used in all dietary toxicity studies, including the assessment of their validity was not provided.

**Expected effect of the final regulatory action in relation to human health:** Reduction of risk for human health from the use of plant protection products containing methiocarb

**Summary of known hazards and risks to the environment:**

In conclusion from the assessments made on the basis of the submitted information, no plant protection product containing the active substance methiocarb is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) 546/2011. According to the evaluation related to the environment, the following concerns were identified:

- A high acute and chronic risk to birds has been identified;
- A high acute and chronic risk to mammals has been identified;
- A high risk to earthworms has been identified from exposure to methiocarb and its metabolite methiocarb sulfoxide.

The information available is insufficient to satisfy the requirements set out in Article 4(1) to (3) of Regulation (EC) No 1107/2009, in particular with regard to:

- The risk assessment for bees could not be finalised.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk for the environment from the use of plant protection products containing methiocarb

**Date of entry into force of the final regulatory action:** 27/09/2019

Complete entry into force of all provisions of Commission Implementing Regulation (EU) 2019/1606 of 27 September 2019 concerning the non-renewal of the approval of the active substance methiocarb was on 3 October 2019.

## EUROPEAN UNION

**Common Name(s):** Tepraloxydim **CAS number(s):** 149979-41-9

**Chemical Name:** (EZ)-(RS)-2-{1-[(2E)-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** All applications as a plant production product.

**Use or uses that remain allowed:** Not relevant

**The final regulatory action was based on a risk or hazard evaluation:** No

**Basis for the final regulatory action:**

The sole applicant for the renewal of the approval of the active substance tepraloxydim informed the Commission and the rapporteur Member State of its choice not to further pursue the application for renewal of the approval.

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing the active substance tepraloxydim because tepraloxydim is not approved as active substance in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market.

EU Member States had to withdraw all authorisations for plant protection products containing tepraloxymid as active substance by 31 May 2015 at the latest. Disposal, storage, placing on the market and use of existing stocks of plant protection products containing tepraloxymid is prohibited as of 31 May 2015.

**Date of entry into force of the final regulatory action:** 15/01/2015

Complete entry into force of all provisions of Commission Implementing Regulation (EU) 2015/58 of 15 January 2015 was by 5 February 2015.

## EUROPEAN UNION

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**Common Name(s):** Thiamethoxam **CAS number(s):** 153719-23-4

**Chemical Name:** (E,Z)-3-(2-chloro-thiazol-5-ylmethyl)-5-methyl- [1,3,5]oxadiazinan-4-ylidene-N-nitroamine

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is severely restricted.

**Use or uses prohibited by the final regulatory action:** Uses of thiamethoxam as a plant protection product with the exception of uses in permanent greenhouses.

**Use or uses that remain allowed:** Regulation (EC) No 1107/2009 on the placing on the market of plant protection products:

Commission Implementing Regulation (EU) 2018/785 severely restricted the use of thiamethoxam as plant protection product by only allowing uses as insecticide, in permanent greenhouses or for the treatment of seeds intended to be used only in permanent greenhouses. The resulting crop had to stay within a permanent greenhouse during its entire life cycle.

In the meantime, i.e. on 30 April 2019, the approval of thiamethoxam expired. [Note: All approvals of active substances used in plant protection products are time-limited in the European Union.]

Regulation (EU) No 528/2012 on the making available on the market and use of biocidal products:

Thiamethoxam is approved in the European Union under Regulation (EU) No 528/2012 for its use as an active substance in biocidal products for product-type 18- Insecticides, acaricides and products to control other arthropods (pest control). The validity of the approval for PT-18 ends on 31 January 2025.

Commission Directive 2013/3/EU of 14 February 2013 amending Directive 98/8/EC of the European Parliament and of the Council to extend the inclusion in Annex I thereto of the active substance thiamethoxam to product-type 18 Text with EEA relevance. <<http://data.europa.eu/eli/dir/2013/3/oj>>

Commission Directive 2008/77/EC of 25 July 2008 amending Directive 98/8/EC of the European Parliament and of the Council to include thiamethoxam as an active substance in Annex I thereto (Text with EEA relevance) <http://data.europa.eu/eli/dir/2008/77/oj>.

**The final regulatory action was based on a risk or hazard evaluation:** Yes

**Summary of the final regulatory action:** The final regulatory action, i.e. Commission Implementing Regulation (EU) 2018/785, severely restricting the use of thiamethoxam in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market stipulates the following: Only uses as insecticide, in permanent greenhouses or for the treatment of seeds intended to be used only in permanent greenhouses, may be authorised. The resulting crop must stay within a permanent greenhouse during its entire life cycle.

EU Member States were required, in accordance with Regulation (EC) No 1107/2009, where necessary to amend or withdraw existing authorisations for plant protection products containing thiamethoxam as active substance by 19 September 2018 at the latest.

**The reasons for the final regulatory action were relevant to:** Environment

**Summary of known hazards and risks to the environment:**

It was concluded that only the following uses of plant protection products containing the active substance thiamethoxam may be authorised, as they are expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) No 546/2011:

- Uses in permanent greenhouses or for the treatment of seeds intended to be used only in permanent greenhouses. The resulting crop must stay within a permanent greenhouse during its entire life cycle.

Furthermore, taking into account the risks for bees from treated seeds, the placing on the market and the use of seeds treated with plant protection products containing thiamethoxam should be subject to the same restrictions as the use of thiamethoxam.

On the peer review of the updated pesticide risk assessment for bees for the active substance thiamethoxam considering the uses as seed treatment and granules on 28 February 2018, the following risks to the environment were identified:

Risk to bees via systemic translocation in plants – residues in nectar and pollen:

- A high risk at the Tier-1 was concluded for oilseed rape and maize and all bee groups. It should be noted that, in lack of specific toxicity data, the high risks for solitary bees were identified using uniquely surrogate toxicity estimation based on honeybee data (low risk not demonstrated) (treated crop scenario and succeeding crop scenario).
- The Tier-2 risk assessment for uses on winter oilseed rape resulted in a high risk for:
- All bee species for uses on winter oilseed rape (treated crop scenario).
- Bumblebees and solitary bees treated for uses on maize (treated crop scenario).
- The Tier-3 risk assessment for uses on winter oilseed rape resulted in a clear high risk for solitary bees, while the conclusion for honeybees and bumblebees was less straightforward (treated crop scenario). Despite clear and consistent effects were not recorded for honeybees and bumblebees, the analysis of the data through a Weight-of-Evidence exercise did not allow excluding the possibility of observing effects larger than negligible on the parameters linked, directly and indirectly, to the respective protection goals.

Risk to bees from contamination of adjacent vegetation via dust drift:

- On the basis of the Tier-1 risk assessment, a high risk to all bee groups was indicated for the uses on broccoli, Brussel sprout, cauliflower, head cabbage, kale, lettuce, carrots and maize. Nevertheless, all the previous crops with the exception of carrots and maize are sown in greenhouses. When these structures are permanent, exposure to bees is considered negligible and a low risk is concluded.
- For the uses on winter oilseed rape, a high risk (based on surrogate data) was concluded for bumblebees and solitary bees. The risk assessment for honeybees could not be finalised, in lack of data about chronic toxicity to adults and HPG development (a low risk was nevertheless indicated for acute toxicity to adults and prolonged toxicity to larvae, when a deflector is used).
- For the uses on sugar beet (both seeding rates), the risk assessment could not be finalised in lack of data about chronic toxicity to adults and HPG development (whereas a low risk was indicated for acute toxicity to adults and prolonged toxicity to larvae for all bee groups – for bumblebees and solitary bees only when a deflector is used).

Risk to bees via consumption of contaminated water:

- The refined risk assessment indicated high risk to honeybees from exposure to guttation fluids for the use in maize.

Furthermore, neonicotinoids insecticides are persistent in the environment, particularly in soil. The mean/median DT<sub>50</sub> values for thiamethoxam in soil are 174 days. Thiamethoxam fulfils the criteria for being a vP substance. It might be worth noting that the main soil metabolite of thiamethoxam is clothianidin, so that the DT<sub>50</sub> of the active substance alone is not fully representative of the whole exposure time-variable profile.

On the peer review of the updated pesticide risk assessment for bees for the active substance thiamethoxam, the following data gaps were identified:

Risk to bees via systemic translocation in plants – residues in nectar and pollen:

- The risk assessment for honeybees could not be finalised, in lack of data about chronic toxicity to adults and HPG development (a low risk was nevertheless indicated for acute toxicity to adults and prolonged toxicity to larvae).
- The Tier-3 risk assessment for maize highlighted a low risk for bumblebees. Once again, a definitive conclusion could not be drawn for honeybees and solitary bees based on the available data. This was mainly because the available experiments were not suitable to address the risk due to exposure to



contaminated maize pollen, among other reasons. The data did not allow excluding the possibility of observing effects larger than negligible on the parameters linked, directly and indirectly, to the respective protection goals.

Risk to bees via consumption of contaminated water:

- In the absence of agreed input parameters for FOCUS surface water modelling, no exposure assessment for the representative uses could be performed. Therefore, the risk to honeybees consuming residues in surface water could not be finalised.

Risk to bees from contamination of adjacent vegetation via dust drift:

- For the uses on sugar beet (both seeding rates), the risk assessment could not be finalised in lack of data about chronic toxicity to adults and HPG development (whereas a low risk was indicated for acute toxicity to adults and prolonged toxicity to larvae for all bee groups – for bumblebees and solitary bees only when a deflector is used).
- The available data did not allow performing any refined risk assessment for exposure via dust drift.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk for the environment from the use of plant protection products containing thiamethoxam.

**Date of entry into force of the final regulatory action:** 29/05/2022

Complete entry into force of all provisions of Commission Implementing Regulation (EU) 2018/785 of 29 May 2018 amending Implementing Regulation (EU) No 540/2011 as regards the conditions of approval of the active substance thiamethoxam was 19 December 2018.

## EUROPEAN UNION

**Common Name(s):** Thiram **CAS number(s):** 137-26-8

**Chemical Name:** Tetramethylthiuram disulfide or bis( dimethylthiocarbamoyl) disulfide

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is banned.

**Use or uses prohibited by the final regulatory action:** All applications as a plant protection product.

**Use or uses that remain allowed:** Not relevant.

**The final regulatory action was based on a risk or hazard evaluation:** Yes

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing the active substance thiram because thiram is not approved as active substance in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market.

EU Member States had to withdraw all authorisations for plant protection products containing thiram as active substance by 30 January 2019 at the latest. Disposal, storage, placing on the market and use of existing stocks of plant protection products containing thiram is prohibited as of 1 May 2019. Placing on the market and use of seeds treated with plant protection products containing thiram is prohibited as of 31 January 2020.

**The reasons for the final regulatory action were relevant to:** Human health and environment

**Summary of known hazards and risks to human health:**

In conclusion from the assessments made on the basis of the submitted information, no plant protection products containing thiram is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) No 546/2011.

According to the evaluation related to human health the following concerns were identified:

- A high dietary risk was identified for mammals.

The information available was insufficient to satisfy the requirements set out in Article 4(1) to (3) of Regulation (EC) No 1107/2009. In more detail:

- The consumer risk assessment through dietary intake cannot be finalised for the products of plant origin considering the outstanding data to finalise the residue definitions in primary and rotational crops and in processed commodities. Furthermore and considering the agreed toxicological reference values for

thiram and the complete residue datasets on thiram for apple, pear and strawberry, an acute dietary intake concern for the consumers was identified for these representative uses.

- The consumer risk assessment from the consumption of drinking water could not be finalised, while a complete evaluation of the information to address the effect of water treatment processes on the nature of the residues that might be present in surface water, when surface water is abstracted for drinking water was not available, noting that the applicant has indicated that the hazardous compound NDMA has the potential to be formed if thiram or DMCS are present in the raw water treated.
- During the pesticides peer review, the experts proposed the classification for thiram as Carcinogen category 2 but not as reproductive toxicant, in accordance with the provisions of Regulation (EC) No 1272/2008, and therefore the conditions of the interim provisions of Annex II, Point 3.6.5 of Regulation (EC) No 1107/2009 concerning human health for the consideration of endocrine disrupting properties are not met. However, on the basis of the available data and current knowledge (EFSA Scientific Committee, 2013), the endocrine disrupting potential of thiram could not be concluded.

**Expected effect of the final regulatory action in relation to human health:** Reduction of risk for human health from the use of plant protection products containing thiram.

**Summary of known hazards and risks to the environment:** In conclusion from the assessments made on the basis of the submitted information, no plant protection products containing thiram is expected to satisfy in general the requirements laid down in Article 29(1) of Regulation (EC) No 1107/2009 and the uniform principles laid down in Regulation (EU) No 546/2011.

According to the evaluation related to environment the following concerns were identified:

- A high dietary risk was identified for birds and mammals.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk for the environment from the use of plant protection products containing thiram.

**Date of entry into force of the final regulatory action:** 09/10/2018

Entry into force of provisions of Commission Implementing Regulation (EU) No 2018/1500 of 9 October 2018 concerning the non-renewal of approval of the active substance thiram, in accordance with Regulation (EC) No 1107/2009 was by 29 October 2018.

Entry into force of provisions of Commission Implementing Regulation (EU) No 2018/1500 of 9 October 2018 concerning the prohibition of the use and sale of seeds treated with plant protection products containing thiram, in accordance with Regulation (EC) No 1107/2009 was by 31 January 2020.

## MALAWI

**Common Name(s):** Dichlorvos **CAS number(s):** 62-73-7

**Chemical Name:** 2,2-Dichloroethenyl dimethyl phosphate

**Final regulatory action has been taken for the category:** Pesticide

**Final regulatory action:** The chemical is severely restricted.

**Use or uses prohibited by the final regulatory action:** All formulations and applications, except as indicated 2.2.1.

**Use or uses that remain allowed:** Dichlorvos in strip form for control of insect pests in the field and in storage.

**The final regulatory action was based on a risk or hazard evaluation:** No

**Basis for the final regulatory action:**

The basis for the regulatory action is the nature of the product as portrayed by the hazard classification (Class 1 B) in relation to the social-economic status of the intended users. The intended users cannot afford the prescribed PPE.

**Summary of the final regulatory action:** It is prohibited to place on the market or use plant protection products containing dichlorvos other than those in strip form and intended for the control of moths in storage and mass trapping of fruit flies.

From 22<sup>nd</sup> March 2019 no authorization for plant protection products containing dichlorvos can be granted or renewed except for the form that is accepted.

***The reasons for the final regulatory action were relevant to:*** Human health and environment

***Summary of known hazards and risks to human health:*** Available information is insufficient to perform a risk assessment regarding the operator, worker and bystanders' exposure. Moreover, there is lack of data and the toxicity of breakdown products. Hence, it has not been demonstrated that the risks for operators, workers and bystanders arising from the use of plant protection products containing dichlorvos are acceptable which is why Malawi took a decision to severely restrict its use.

Based on character and mode of action of dichlorvos, and the prescribed precautions on use, the smallholder farmers who constitute over 90 percent of users cannot afford the PPE prescribed in using the pesticide. Most of the fields are also within the living quarters and its application would directly affect bystanders through inhalation.

***Expected effect of the final regulatory action in relation to human health:*** Reduction of risks associated with the use of products containing dichlorvos.

***Summary of known hazards and risks to the environment:*** Dichlorvos poses high risks to bees and birds, according to EPA 2013 decision in application for reassessment of a group of hazardous substances.

***Expected effect of the final regulatory action in relation to the environment:*** Potential reduction of the long-term negative impacts on the environment.

***Date of entry into force of the final regulatory action:*** 22/03/2019

## Synopsis of notifications of final regulatory action received since the last PIC Circular

**PART B****NOTIFICATIONS OF FINAL REGULATORY ACTION THAT HAVE BEEN VERIFIED AS NOT CONTAINING ALL THE INFORMATION REQUIRED BY ANNEX I TO THE CONVENTION**

Chemical name	CAS No.	Category	Party	Region	Annex III
Dibromochloropropane (DBCP)	96-12-8	Pesticide	Indonesia	Asia	No
2,3-Dichlorophenol	576-24-9	Pesticide	Indonesia	Asia	No
2,4,5-Trichlorophenol	95-95-4	Pesticide	Indonesia	Asia	No
2,4,6-Trichlorophenol	88-06-2	Pesticide	Indonesia	Asia	No
2,4-Dichlorophenol	120-83-2	Pesticide	Indonesia	Asia	No
2,5-Dichlorophenol	583-78-8	Pesticide	Indonesia	Asia	No
Cyhexatin	13121-70-5	Pesticide	Indonesia	Asia	No
Endosulfan	115-29-7	Pesticide	Indonesia	Asia	Yes
Ethyl <i>p</i> -nitrophenyl benzenethiophosphonate (EPN)	2104-64-5	Pesticide	Indonesia	Asia	No
Bromophos-ethyl ( <i>O</i> -(4-Bromo-2-chlorophenyl) <i>O,O</i> -diethyl phosphorothioate)	4824-78-6	Pesticide	Indonesia	Asia	No

**PART C****NOTIFICATIONS OF FINAL REGULATORY ACTION STILL UNDER VERIFICATION**

Chemical name	CAS No.	Category	Party	Region	Annex III
1,3-Dichloropropene	542-75-6	Pesticide	Türkiye	Europe	No
2-Amino-2-thiazoline-4-carboxylic acid	2150-55-2	Pesticide	Türkiye	Europe	No
Azinphos-methyl	86-50-0	Pesticide	Türkiye	Europe	Yes
Arsenic compound	7440-38-2	Pesticide	Türkiye	Europe	No
<i>Cis</i> -Zeatin	327771-64-5	Pesticide	Türkiye	Europe	No
Diclofluanid	1085-98-9	Pesticide	Türkiye	Europe	No
Dicofol	115-32-2	Pesticide	Türkiye	Europe	No
Endosulfan	115-29-7	Pesticide	Türkiye	Europe	Yes
Esbiothrin	84030-86-4	Pesticide	Türkiye	Europe	No
Fluzafop	69335-91-7	Pesticide	Türkiye	Europe	No
Halfenprox	111872-58-3	Pesticide	Türkiye	Europe	No
Imazamethabenz-methyl	69969-22-8	Pesticide	Türkiye	Europe	No
Paraquat	4685-14-7	Pesticide	Türkiye	Europe	No
Phenthoate	2597-03-7	Pesticide	Türkiye	Europe	No
Phorate	296-0202	Pesticide	Türkiye	Europe	Yes
Phosphoric acid	7664-38-2	Pesticide	Türkiye	Europe	No
Primisulfuron-methyl	86209-51-0	Pesticide	Türkiye	Europe	No
Profenofos	41198-08-7	Pesticide	Türkiye	Europe	No

Chemical name	CAS No.	Category	Party	Region	Annex III
Prometryn	7287-19-6	Pesticide	Türkiye	Europe	No
Propoxur	114-26-1	Pesticide	Türkiye	Europe	No
Prothiofos	34643-46-4	Pesticide	Türkiye	Europe	No
Prothoate	2275-18-5	Pesticide	Türkiye	Europe	No
Pyridaphenthion	119-12-0	Pesticide	Türkiye	Europe	No
Pyrimidifen	105779-78-0	Pesticide	Türkiye	Europe	No
Pyriathiobac-sodium	123343-16-8	Pesticide	Türkiye	Europe	No
Quinalphos	13593-03-8	Pesticide	Türkiye	Europe	No
Resmethrin	10453-86-8	Pesticide	Türkiye	Europe	No
Sodium cyanide	143-33-9	Pesticide	Türkiye	Europe	No
TCMTB-Thiocyanic acid (2-benzothiazolylthio) methyl ester	21564-17-0	Pesticide	Türkiye	Europe	No
Tebuthiuron	34014-18-1	Pesticide	Türkiye	Europe	No
Terbutryn	886-50-0	Pesticide	Türkiye	Europe	No
Tetardifon	116-29-0	Pesticide	Türkiye	Europe	No
Thiazafluron	25366-23-8	Pesticide	Türkiye	Europe	No
Thiometon	640-15-3	Pesticide	Türkiye	Europe	No
Tolfenpyrad	129558-76-5	Pesticide	Türkiye	Europe	No
Tralometthrin	66841-25-6	Pesticide	Türkiye	Europe	No
Triadimefon	43121-43-3	Pesticide	Türkiye	Europe	No
Triazamate	112143-82-5	Pesticide	Türkiye	Europe	No
Trifloxysulfuron-sodium	199119-58-9	Pesticide	Türkiye	Europe	No
Triforine	26644-46-2	Pesticide	Türkiye	Europe	No
Trimedlure	12002-53-8	Pesticide	Türkiye	Europe	No

## APPENDIX II

## PROPOSALS FOR INCLUSION OF SEVERELY HAZARDOUS PESTICIDE FORMULATIONS IN THE PIC PROCEDURE

PART A

## SUMMARY OF EACH PROPOSAL FOR INCLUSION OF A SEVERELY HAZARDOUS PESTICIDE FORMULATION THAT HAS BEEN VERIFIED TO CONTAIN ALL INFORMATION REQUESTED BY PART 1 OF ANNEX IV TO THE CONVENTION

LAO PEOPLE'S DEMOCRATIC REPUBLIC

*Name of the formulation:* Cypermethrin

*Type of formulation (for example EC, WP, DP, GR, TB):* EC

*Trade name and name of producer, if available:* Super PHONEWDOL 10

*Name of the active ingredient or ingredients in the formulation:* Cypermethrin

*Relative amount of each active ingredient in the formulation:* 10 %

*Attach copy of the label(s), if available (or describe the key aspects of the label: language, etc.):*

Please see Annex 1.

*Common and recognized patterns of use of the formulation within the country:*

- *The formulation is registered / permitted for use in the country?* No
- *What uses are permitted?* No
- *Are there any handling or applicator restrictions specified as a condition of registration?* No
- *Information on the extent of use of the formulation, such as the number of registrations or production or sales quantity (indicate the source of information):* N/A
- *Other information on how the formulation is commonly/typically used in the country:* Please see Annex II.

*A clear description of incidents(s) related to the problem, including adverse effects and the way in which the formulation was used (for example Part B pesticide incident report form identifies key elements and appropriate level of detail). Other report formats which may exist at the national level may also be used, provided they contain comparable information:*

The survey in 2019 collected details of 3 incidents relating to Super PHONEWDOL 10.

The incident relating to Super PHONEWDOL 10 can be summarized as follows:

- Occurred after spraying pesticides in the field of water melon;
- Frequency of application is from 2 to 5 times per crop season;
- Symptoms occurred in 4–12 hours after exposure such as cough, excessive salivation, insomnia;
- Used partial protective equipment such as gloves, boots, long-sleeve shirt, long pants and simple hat.

*Any regulatory, administrative or other measure taken, or intended to be taken, by the proposing Party in response to such incidents:*

Lao People's Democratic Republic does not have reporting system for incidents of pesticide poisoning. No scientific analysis to clarify that cause of cypermethrin.

**LAO PEOPLE'S DEMOCRATIC REPUBLIC**

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**Name of the formulation:** Cypermethrin

**Type of formulation (for example EC, WP, DP, GR, TB):** EC

**Trade name and name of producer, if available:** FRONK 35

**Name of the active ingredient or ingredients in the formulation:** Cypermethrin

**Relative amount of each active ingredient in the formulation:** 35 %

**Attach copy of the label(s), if available (or describe the key aspects of the label: language, etc.):**

Please see Annex 1.

**Common and recognized patterns of use of the formulation within the country:**

- **The formulation is registered / permitted for use in the country?** No
- **What uses are permitted?** No
- **Are there any handling or applicator restrictions specified as a condition of registration?** No
- **Information on the extent of use of the formulation, such as the number of registrations or production or sales quantity (indicate the source of information):** N/A
- **Other information on how the formulation is commonly/typically used in the country:** Please see Annex II.

**A clear description of incidents(s) related to the problem, including adverse effects and the way in which the formulation was used (for example Part B pesticide incident report form identifies key elements and appropriate level of detail). Other report formats which may exist at the national level may also be used, provided they contain comparable information:**

The survey in 2019 collected details of 3 incidents relating to FRONK 35.

The incident relating to FRONK 35 can be summarized as follows:

- Occurred after spraying pesticides in the field of water melon;
- Frequency of application is from 2 to 5 times per crop season;
- Symptoms occurred in 4-12 hours after exposure such as itchiness of the skin, skin rashes;
- Used partial protective equipment such as gloves, boots, long-sleeve shirt, long pants and simple hat.

**Any regulatory, administrative or other measure taken, or intended to be taken, by the proposing Party in response to such incidents:**

Lao People's Democratic Republic does not have reporting system for incidents of pesticide poisoning. No scientific analysis to clarify that cause of cypermethrin.

**LAO PEOPLE'S DEMOCRATIC REPUBLIC**

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**Name of the formulation:** Emamectin benzoate 5 % SG

**Type of formulation (for example EC, WP, DP, GR, TB):** SG

**Trade name and name of producer, if available:** SAN EMA 5

**Name of the active ingredient or ingredients in the formulation:** Emamectin benzoate

**Relative amount of each active ingredient in the formulation:** 5.7 %

**Attach copy of the label(s), if available (or describe the key aspects of the label: language, etc.):**

Please see Annex I.

**Common and recognized patterns of use of the formulation within the country:**

- **The formulation is registered / permitted for use in the country?** Unregistered in the country
- **What uses are permitted?** Not applicable
- **Are there any handling or applicator restrictions specified as a condition of registration?** Not applicable
- **Information on the extent of use of the formulation, such as the number of registrations or production or sales quantity (indicate the source of information):** Not applicable
- **Other information on how the formulation is commonly/typically used in the country:** Please see Annex II.

**A clear description of incidents(s) related to the problem, including adverse effects and the way in which the formulation was used (for example Part B pesticide incident report form identifies key elements and appropriate level of detail). Other report formats which may exist at the national level may also be used, provided they contain comparable information:**

The survey in 2019 collected details of 1 incident relating to SAN EMA 5.

The incident relating to SAN EMA 5 can be summarized as follows:

- Occurred after spraying pesticides in the field;
- Frequency of application is about 4 times per crop season;
- Symptoms occurred in 4-12 hours after exposure such as itchiness of the skin and skin rashes;
- Used partial protective equipment such as gloves, boots, long-sleeve shirt, long pants and simple hat.

**Any regulatory, administrative or other measure taken, or intended to be taken, by the proposing Party in response to such incidents:**

In Lao People's Democratic Republic, pesticide registration is product based. Since SAN EMA 5 is not registered in Laos, its uses in the country is illegal. However, there are registered products containing Emamectin benzoate 5 % SG with label available in the official language.

The responsible agencies will take appropriate actions to prevent importation and sale of unregistered pesticide products in collaborate with the Custom Department and the inspection at border check point and pesticide shops.

The responsible agencies will also create awareness and educate farmers on the danger of using unregistered/banned pesticides, and disseminate information to the farmers on the availability of locally registered products containing emamectin benzoate 5 % SG.

## **LAO PEOPLE'S DEMOCRATIC REPUBLIC**

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**Name of the formulation:** Methomyl 40 % SP

**Type of formulation (for example EC, WP, DP, GR, TB):** SP

**Trade name and name of producer, if available:** LANDERN

**Name of the active ingredient or ingredients in the formulation:** Methomyl

**Relative amount of each active ingredient in the formulation:** 40 %

**Attach copy of the label(s), if available (or describe the key aspects of the label: language, etc.):**

Please see Annex I.

**Common and recognized patterns of use of the formulation within the country:**



- *The formulation is registered / permitted for use in the country?* No registered in the country
- *What uses are permitted?* No applicable
- *Are there any handling or applicator restrictions specified as a condition of registration?* Not applicable
- *Information on the extent of use of the formulation, such as the number of registrations or production or sales quantity (indicate the source of information):* Not applicable
- *Other information on how the formulation is commonly/typically used in the country:* Please see Annex II.

*A clear description of incidents(s) related to the problem, including adverse effects and the way in which the formulation was used (for example Part B pesticide incident report form identifies key elements and appropriate level of detail). Other report formats which may exist at the national level may also be used, provided they contain comparable information:*

The survey in 2019 collected details of 1 incident relating to LANDERN.

The incident relating to LANDERN can be summarized as follows:

- Occurred after spraying pesticides in the field of long bean;
- Frequency of application is 5 times per crop season;
- Symptoms occurred in 4-12 hours after exposure. The symptom is not reported;
- Used partial protective equipment such as gloves, boots, long-sleeve shirt, long pants and simple hat.

*Any regulatory, administrative or other measure taken, or intended to be taken, by the proposing Party in response to such incidents:*

Since products containing methomyl is not registered in Laos, its usage in the country is illegal.

The responsible agencies will take appropriate actions to prevent importation and sale of unregistered pesticide products (including methomyl) in collaborate with the Custom Department and the inspection at border check point and pesticide shops.

The responsible agencies will also create awareness and educate farmers on the danger of using unregistered/banned pesticides, and disseminate information to the farmers on the availability of suitable locally registered alternatives to methomyl.

## **PART B**

### **PROPOSALS FOR INCLUSION OF SEVERELY HAZARDOUS PESTICIDE FORMULATIONS STILL UNDER VERIFICATION**

<b>Chemical name of the formulation</b>	<b>Party</b>	<b>Region</b>	<b>Annex III</b>
Carbosulfan 20 % WG	Lao People's Democratic Republic	Asia	No

## APPENDIX III

## CHEMICALS SUBJECT TO THE PIC PROCEDURE

Chemical name	CAS No.	Category	Date of first dispatch of decision guidance document
2,4,5-T and its salts and esters	93-76-5 <sup>1</sup>	Pesticide	Prior to adoption of the Convention
Alachlor	15972-60-8	Pesticide	24 October 2011
Aldicarb	116-06-3	Pesticide	24 October 2011
Aldrin	309-00-2	Pesticide	Prior to adoption of the Convention
Azinphos-methyl	86-50-0	Pesticide	10 August 2013
Binapacryl	485-31-4	Pesticide	1 February 2005
Captafol	2425-06-1	Pesticide	Prior to adoption of the Convention
Carbofuran	1563-66-2	Pesticide	15 September 2017
Chlordane	57-74-9	Pesticide	Prior to adoption of the Convention
Chlordimeform	6164-98-3	Pesticide	Prior to adoption of the Convention
Chlorobenzilate	510-15-6	Pesticide	Prior to adoption of the Convention
DDT	50-29-3	Pesticide	Prior to adoption of the Convention
Dieldrin	60-57-1	Pesticide	Prior to adoption of the Convention
Dinitro- <i>ortho</i> -cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt)	534-52-1 2980-64-5 5787-96-2 2312-76-7	Pesticide	1 February 2005
Dinoseb and its salts and esters	88-85-7 <sup>1</sup>	Pesticide	Prior to adoption of the Convention
1,2-Dibromoethane (EDB)	106-93-4	Pesticide	Prior to adoption of the Convention
Endosulfan	115-29-7	Pesticide	24 October 2011
Ethylene dichloride	107-06-2	Pesticide	1 February 2005
Ethylene oxide	75-21-8	Pesticide	1 February 2005
Fluoroacetamide	640-19-7	Pesticide	Prior to adoption of the Convention
HCH (mixed isomers)	608-73-1	Pesticide	Prior to adoption of the Convention
Heptachlor	76-44-8	Pesticide	Prior to adoption of the Convention
Hexachlorobenzene	118-74-1	Pesticide	Prior to adoption of the Convention
Lindane	58-89-9	Pesticide	Prior to adoption of the Convention
Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds		Pesticide	Prior to adoption of the Convention
Methamidophos	10265-92-6	Pesticide	15 September 2015 <sup>2</sup>
Monocrotophos	6923-22-4	Pesticide	1 February 2005

Chemical name	CAS No.	Category	Date of first dispatch of decision guidance document
Parathion	56-38-2	Pesticide	1 February 2005
Pentachlorophenol and its salts and esters	87-86-5 <sup>1</sup>	Pesticide	Prior to adoption of the Convention
Phorate	298-02-2	Pesticide	16 September 2019
Toxaphene	8001-35-2	Pesticide	1 February 2005
All tributyltin compounds including: - Tributyltin oxide - Tributyltin fluoride - Tributyltin methacrylate - Tributyltin benzoate - Tributyltin chloride - Tributyltin linoleate - Tributyltin naphthenate	56-35-9 1983-10-4 2155-70-6 4342-36-3 1461-22-9 24124-25-2 85409-17-2	Pesticide	1 February 2009 <sup>3</sup>
Trichlorfon	52-68-6	Pesticide	15 September 2017
Dustable powder formulations containing a combination of: - Benomyl at or above 7%, - Carbofuran at or above 10%, - Thiram at or above 15%	17804-35-2 1563-66-2 137-26-8	Severely hazardous pesticide formulation	1 February 2005
Phosphamidon (soluble liquid formulations of the substance that exceed 1000 g active ingredient/L)	13171-21-6 (mixture, (E)&(Z) isomers) 23783-98-4 ((Z)-isomer) 297-99-4 ((E)-isomer)	Severely hazardous pesticide formulation	Prior to adoption of the Convention
Methyl-parathion (emulsifiable concentrates (EC) at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)	298-00-0	Severely hazardous pesticide formulation	Prior to adoption of the Convention
Asbestos: - Actinolite - Anthophyllite - Amosite - Crocidolite - Tremolite	77536-66-4 77536-67-5 12172-73-5 12001-28-4 77536-68-6	Industrial	1 February 2005 1 February 2005 1 February 2005 Prior to adoption of the Convention 1 February 2005
Commercial octabromodiphenyl ether including: - Hexabromodiphenyl ether - Heptabromodiphenyl ether	36483-60-0 68928-80-3	Industrial	10 August 2013
Commercial pentabromodiphenyl ether including: - Tetrabromodiphenyl ether - Pentabromodiphenyl ether	40088-47-9 32534-81-9	Industrial	10 August 2013
Decabromodiphenyl ether	1163-19-5	Industrial	21 October 2022
Hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	Industrial	16 September 2019

Chemical name	CAS No.	Category	Date of first dispatch of decision guidance document
Perfluorooctane sulfonic acid, perfluorooctane sulfonates, perfluorooctane sulfonamides and perfluorooctane sulfonyls including: - Perfluorooctane sulfonic acid - Potassium perfluorooctane sulfonate - Lithium perfluorooctane sulfonate - Ammonium perfluorooctane sulfonate - Diethanolammonium perfluorooctane sulfonate - Tetraethylammonium perfluorooctane sulfonate - Didecyldimethylammonium perfluorooctane sulfonate - <i>N</i> -Ethylperfluorooctane sulfonamide - <i>N</i> -Methylperfluorooctane sulfonamide - <i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl) perfluorooctane sulfonamide - <i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorooctane sulfonamide - Perfluorooctane sulfonyl fluoride	1763-23-1 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8 4151-50-2 31506-32-8 1691-99-2 24448-09-7 307-35-7	Industrial	10 August 2013
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds <sup>4</sup>	335-67-1	Industrial	21 October 2022
Polybrominated biphenyls (PBB)	36355-01-8 (hexa-) 27858-07-7 (octa-) 13654-09-6 (deca-)	Industrial	Prior to adoption of the Convention
Polychlorinated biphenyls (PCB)	1336-36-3	Industrial	Prior to adoption of the Convention
Polychlorinated terphenyls (PCT)	61788-33-8	Industrial	Prior to adoption of the Convention
Short-chain chlorinated paraffins	85535-84-8	Industrial	15 September 2017
Tetraethyl lead	78-00-2	Industrial	1 February 2005
Tetramethyl lead	75-74-1	Industrial	1 February 2005
All tributyltin compounds including: - Tributyltin oxide - Tributyltin fluoride - Tributyltin methacrylate - Tributyltin benzoate - Tributyltin chloride - Tributyltin linoleate - Tributyltin naphthenate	56-35-9 1983-10-4 2155-70-6 4342-36-3 1461-22-9 24124-25-2 85409-17-2	Industrial	15 September 2017 <sup>5</sup>
Tris(2,3-dibromopropyl) phosphate	126-72-7	Industrial	Prior to adoption of the Convention

**Notes:**

1. Only the CAS numbers of parent compounds are listed. For a list of other relevant CAS numbers, reference may be made to the relevant decision guidance document.
2. The date relates to the date for the communication of the decision guidance document for the chemical currently included in Annex III and adopted by decision RC-7/4, which amended Annex III to list

methamidophos and deleted a previous entry in Annex III for “methamidophos (soluble liquid formulations of the substance that exceed 600 g active ingredient/L)”.

3. See the related entry for all tributyltin compounds within the industrial category. Tributyltin compounds were initially listed within the pesticide category by decision RC-4/5 and the initial decision guidance document communicated to Parties related solely to the pesticide category. Decision RC-8/5 subsequently amended Annex III to list all tributyltin compounds also in the industrial category, with the amendment entering into force on 15 September 2017. A revised decision guidance document was also approved (see note 5).
4. The following substances are included in this designation:
  - Perfluorooctanoic acid (PFOA) and its salts
  - Any related substance (including its salts and polymers) having a linear or branched perfluoroheptyl group with the formula  $C_7F_{15}$ - directly attached to another carbon atom as one of the structural elements
  - Any related substance (including its salts and polymers) having a linear or branched perfluorooctyl group with the formula  $C_8F_{17}$ - as one of the structural elements

The following substances are excluded from this designation:

- $C_8F_{17}$ -X, where X = F, Cl, Br
  - $C_8F_{17}$ -C(=O)OH,  $C_8F_{17}$ -C(=O)O-X' or  $C_8F_{17}$ -CF<sub>2</sub>-X' (where X' = any group, including salts)
  - Perfluorooctane sulfonic acid (PFOS) and its derivatives ( $C_8F_{17}SO_2X$  (X = OH, metal salt (O-M+), halide, amide and other derivatives including polymers))
5. This entry refers to the date for communication of the revised decision guidance document for tributyltin compounds, which relates to both the pesticide and industrial categories, which was approved by decision RC-8/5.

**APPENDIX IV****LISTING OF ALL IMPORT RESPONSES RECEIVED FROM PARTIES AND  
CASES OF FAILURE TO SUBMIT RESPONSES**

All import responses received from Parties and cases of failure to submit responses are available on the Convention website: <http://www.pic.int/tabid/1370/language/en-US/Default.aspx>.

The online database is presented with four tabs:

1. Import responses recently transmitted;
2. Import responses by Party;
3. Import responses by Chemical;
4. Cases of failure to submit responses.

The import responses received since the last PIC Circular (between 1 May 2022 and 31 October 2022) may be viewed under the first tab “Import responses recently transmitted”. The overview of those import responses is available in this appendix.

All import responses, including latest and previously transmitted information, may be viewed under the second tab “Import responses by Party” or the third tab “Import responses by Chemical”.

The cases of failure to submit responses are available under the fourth tab “Cases of failure to submit responses”. It also includes the date on which the Secretariat first informed all Parties, through publication in the PIC Circular, of cases of failure to transmit a response.

## OVERVIEW OF NEW IMPORT RESPONSES RECEIVED SINCE THE LAST PIC CIRCULAR

### Pesticides

#### Alachlor

Lebanon

Oman

#### Aldicarb

Oman

#### Azinphos-methyl

Lebanon

Oman

#### Carbofuran

Benin

Guinea

Lebanon

New Zealand

Oman

#### DDT

Eritrea

#### Endosulfan

Oman

#### Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds

Benin

#### Methamidophos

Oman

#### Phorate

Benin

Guinea

Lebanon

New Zealand

Oman

#### All tributyltin compounds

Benin

Guinea

Oman

#### Trichlorfon

Benin

Guinea

Lebanon

Oman

### Severely hazardous pesticide formulations

#### Methyl-parathion (emulsifiable concentrates (EC) at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)

Benin

#### Phosphamidon (soluble liquid formulations of the substance that exceed 1000 g active ingredient/l)

Benin

### Industrial Chemicals

#### Actinolite asbestos

Cambodia

#### Amosite asbestos

Cambodia

#### Anthophyllite asbestos

Cambodia

#### Crocidolite asbestos

Cambodia

#### Tremolite asbestos

Cambodia

#### Commercial octabromodiphenyl ether (including hexabromodiphenyl ether and heptabromodiphenyl ether)

Benin

Cambodia

New Zealand

#### Commercial pentabromodiphenyl ether (including tetrabromodiphenyl ether and pentabromodiphenyl ether)

Benin

Cambodia

New Zealand

#### Hexabromocyclododecane

Benin

Cambodia

Cuba

Malaysia

New Zealand

North Macedonia

**Perfluorooctane sulfonic acid,  
perfluorooctane sulfonates,  
perfluorooctane sulfonamides and  
perfluorooctane sulfonyls**

Benin

Cambodia

New Zealand

**Polybrominated biphenyls (PBB)**

Cambodia

**Polychlorinated biphenyls (PCBs)**

Cambodia

**Polychlorinated terphenyls (PCT)**

Cambodia

**Short-chain chlorinated paraffins**

Benin

Cambodia

New Zealand

**Tetraethyl lead**

Cambodia

**Tetramethyl lead**

Cambodia

**All tributyltin compounds**

Cambodia

**Tris(2,3-dibromopropyl) phosphate**

Cambodia



**APPENDIX V****NOTIFICATIONS OF FINAL REGULATORY ACTION  
FOR CHEMICALS NOT LISTED IN ANNEX III**

This appendix consists of two parts:

**Part A: Notifications of final regulatory action for chemicals not listed in Annex III and verified as containing all the information required by Annex I to the Convention**

The table lists all the notifications received during the interim PIC procedure and the current PIC procedure (September 1998 to 31 October 2022) verified as containing all the information required by Annex I to the Convention.

**Part B: Notifications of final regulatory action for chemicals not listed in Annex III and verified as not containing all the information required by Annex I to the Convention**

The table lists all the notifications received during the interim PIC procedure and the current PIC procedure (September 1998 to 31 October 2022) verified as not containing all the information required by Annex I to the Convention.

The information is also available on the Convention website.<sup>19</sup>

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<sup>19</sup> [www.pic.int/tabid/1368/language/en-US/Default.aspx](http://www.pic.int/tabid/1368/language/en-US/Default.aspx)

**Notifications of final regulatory action for chemicals not listed in Annex III****PART A****NOTIFICATIONS OF FINAL REGULATORY ACTION FOR CHEMICALS NOT LISTED IN ANNEX III AND VERIFIED AS CONTAINING ALL THE INFORMATION REQUIRED BY ANNEX I TO THE CONVENTION**

Chemical name	CAS No.	Category	Party	Region	PIC Circular
1,1,1,2-Tetrachloroethane	630-20-6	Industrial	Latvia	Europe	XX
1,1,1,2-Tetrachloroethane	630-20-6	Industrial	Türkiye	Europe	LIII
1,1,1-Trichloroethane	71-55-6	Industrial	Latvia	Europe	XX
1,1,2,2-Tetrachloroethane	79-34-5	Industrial	Latvia	Europe	XX
1,1,2,2-Tetrachloroethane	79-34-5	Industrial	Türkiye	Europe	LIII
1,1,2-Trichloroethane	79-00-5	Industrial	Latvia	Europe	XX
1,1,2-Trichloroethane	79-00-5	Industrial	Türkiye	Europe	LIII
1,1-Dichloroethylene	75-35-4	Industrial	Latvia	Europe	XX
1,1-Dichloroethylene	75-35-4	Industrial	Türkiye	Europe	LIII
1,3-Dichloropropene	542-75-6	Pesticide	European Union	Europe	XXXVI
1,3-Dichloropropene	542-75-6	Pesticide	Serbia	Europe	LII
2,3,4,5-bis(2-butylene)tetrahydro-2-furaldehyde (MGK Repellent, MGK-R11)	126-15-8	Pesticide	Canada	North America	XXII
2,4,5-TP (Silvex; Fenoprop)	93-72-1	Pesticide	Thailand	Asia	XIV
2,4,6-Tri- <i>tert</i> -butylphenol	732-26-3	Industrial	Japan	Asia	XXI
2,4-D-dimethylammonium	2008-39-1	Pesticide	Mozambique	Africa	LII
2-Ethyl-1,3-hexanediol	94-96-2	Pesticide	Thailand	Asia	XX
2-Naphthoxyacetic acid	120-23-0	Pesticide	Türkiye	Europe	LIII
2-Naphthylamine	91-59-8	Industrial	Japan	Asia	XXI
2-Naphthylamine	91-59-8	Industrial	Republic of Korea	Asia	XX
2-Naphthylamine	91-59-8	Industrial	Latvia	Europe	XX
2-Naphthylamine	91-59-8	Industrial	Switzerland	Europe	XXIII
2-Naphthylamine	91-59-8	Industrial	Türkiye	Europe	LIII
2-Nitrobenzaldehyde	552-89-6	Industrial	Latvia	Europe	XX
2-Propen-1-ol, reaction products with pentafluoroiodoethane tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine	464178-90-3	Industrial	Canada	North America	XLI
2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5 furandione, gamma-omega-perfluoro-C <sub>8-14</sub> -alkyl esters, <i>tert</i> -Bu benzenecarboxyate-initiated	459415-06-6	Industrial	Canada	North America	XLI
2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, gamma-omega-perfluoro-C <sub>10-16</sub> -alkyl acrylate and stearyl methacrylate	203743-03-7	Industrial	Canada	North America	XLI
4-Aminobiphenyl	92-67-1	Industrial	Republic of Korea	Asia	XX
4-Aminobiphenyl	92-67-1	Industrial	Japan	Asia	XXI
4-Aminobiphenyl	92-67-1	Industrial	Latvia	Europe	XX
4-Aminobiphenyl	92-67-1	Industrial	Switzerland	Europe	XXIII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
4-Aminobiphenyl	92-67-1	Industrial	Türkiye	Europe	LIII
4-Chlorophenoxyacetic acid	122-88-3	Pesticide	Türkiye	Europe	LIII
4-Nitrobiphenyl	92-93-3	Industrial	Japan	Asia	XXI
4-Nitrobiphenyl	92-93-3	Industrial	Latvia	Europe	XX
4-Nitrobiphenyl	92-93-3	Industrial	Switzerland	Europe	XXIII
4-Nitrobiphenyl	92-93-3	Industrial	Türkiye	Europe	LIII
5-tert-Butyl-2,4,6-trinitro- <i>m</i> -xylene (Musk xylene)	81-15-2	Industrial	European Union	Europe	LV
Acephate	30560-19-1	Pesticide	Bosnia and Herzegovina	Europe	LIII
Acephate	30560-19-1	Pesticide	European Union	Europe	XVIII
Acephate	30560-19-1	Pesticide	Serbia	Europe	LII
Acephate	30560-19-1	Pesticide	Türkiye	Europe	LIII
Acetochlor	34256-82-1	Pesticide	Burkina Faso	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Cabo Verde	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Chad	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Gambia	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Guinea-Bissau	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Mali	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Mauritania	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Niger	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Senegal	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Togo	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Bosnia and Herzegovina	Europe	XLIX
Acetochlor	34256-82-1	Pesticide	European Union	Europe	XLV
Acetochlor	34256-82-1	Pesticide	Serbia	Europe	LII
Acetochlor	34256-82-1	Pesticide	Türkiye	Europe	LIII
Allyl alcohol	107-18-6	Pesticide	Canada	North America	XXII
Alpha hexachlorocyclohexane	319-84-6	Pesticide	China	Asia	XLV
Alpha hexachlorocyclohexane	319-84-6	Industrial	Japan	Asia	XXXII
Alpha hexachlorocyclohexane	319-84-6	Pesticide	Japan	Asia	XXXIII
Aluminium phosphide	20859-73-8	Pesticide & Industrial	Japan	Asia	XX
Amitraz	33089-61-1	Pesticide	Iran (Islamic Republic of)	Asia	XXX
Amitraz	33089-61-1	Pesticide	Bosnia and Herzegovina	Europe	LII
Amitraz	33089-61-1	Pesticide	European Union	Europe	XXI
Amitraz	33089-61-1	Pesticide	Türkiye	Europe	LIII
Amitraz	33089-61-1	Pesticide	Syrian Arab Republic	Near East	XXXII
Amitrole	61-82-5	Pesticide	Thailand	Asia	XX
Amitrole	61-82-5	Pesticide	European Union	Europe	XLIX
Amitrole	61-82-5	Pesticide	Ecuador	Latin America and the Caribbean	LII
Ammonium hydrogen sulfide	12124-99-1	Industrial	Latvia	Europe	XX
Ammonium hydrogen sulfide	12124-99-1	Industrial	Türkiye	Europe	LIII
Ammonium polysulfide	9080-17-5	Industrial	Latvia	Europe	XX
Ammonium thiocyanate	1762-95-4	Pesticide	Türkiye	Europe	LIII
Anilofos	64249-01-0	Pesticide	Türkiye	Europe	LIII
Anthracene oil	90640-80-5	Industrial	Latvia	Europe	XX
Aramite	140-57-8	Pesticide	Thailand	Asia	XIV
Arsenic compounds	7440-38-2	Industrial	Latvia	Europe	XX
Arsenic pentoxide	1303-28-2	Industrial	European Union	Europe	LV

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Arsenic pentoxide	1303-28-2	Industrial	Republic of Korea	Asia	XX
Atrazine	1912-24-9	Pesticide	Cabo Verde	Africa	XLI
Atrazine	1912-24-9	Pesticide	Chad	Africa	XLI
Atrazine	1912-24-9	Pesticide	Gambia	Africa	XLI
Atrazine	1912-24-9	Pesticide	Mauritania	Africa	XLI
Atrazine	1912-24-9	Pesticide	Niger	Africa	XLI
Atrazine	1912-24-9	Pesticide	Senegal	Africa	XLI
Atrazine	1912-24-9	Pesticide	Togo	Africa	XLI
Atrazine	1912-24-9	Pesticide	Bosnia and Herzegovina	Europe	LIII
Atrazine	1912-24-9	Pesticide	European Union	Europe	XXI
Atrazine	1912-24-9	Pesticide	Türkiye	Europe	LIII
Atrazine	1912-24-9	Pesticide	Uruguay	Latin America and the Caribbean	L
Azinphos-ethyl	2642-71-9	Pesticide	Iran (Islamic Republic of)	Asia	XLVI
Azinphos-ethyl	2642-71-9	Pesticide	Thailand	Asia	XIV
Azinphos-ethyl	2642-71-9	Pesticide	Türkiye	Europe	LIII
Azocyclotin	41083-11-8	Pesticide	Türkiye	Europe	LIII
Benfuracarb	82560-54-1	Pesticide	Bosnia and Herzegovina	Europe	LIII
Benfuracarb	82560-54-1	Pesticide	European Union	Europe	XXXV
Benfuracarb	82560-54-1	Pesticide	Serbia	Europe	LII
Benfuracarb	82560-54-1	Pesticide	Türkiye	Europe	LIII
Bentazon	25057-89-0	Pesticide	Norway	Europe	XIII
Benzene	71-43-2	Industrial	Latvia	Europe	XX
Benzene	71-43-2	Industrial	Türkiye	Europe	LIII
Benzydine	92-87-5	Industrial	Republic of Korea	Asia	XX
Benzydine	92-87-5	Industrial	Latvia	Europe	XX
Benzydine	92-87-5	Industrial	Jordan	Near East	XLII
Benzydine	92-87-5	Industrial	Canada	North America	XXI
Benzydine	92-87-5	Industrial	Canada	North America	XXVIII
Benzydine and its salts	92-87-5	Industrial	India	Asia	XX
Benzydine and its salts	92-87-5	Industrial	Japan	Asia	XXI
Benzydine and its salts	92-87-5	Industrial	Switzerland	Europe	XXIII
Benzydine, its salts and benzydine derivatives	92-87-5 21136-70-9 36341-27-2 531-85-1 531-86-2 (list is not exhaustive)	Industrial	Türkiye	Europe	LIII
Benzydine and its salts	92-87-5	Industrial	Jordan	Near East	XVIII
Benzyl butyl phthalate	85-68-7	Industrial	European Union	Europe	LV
Benzyl butyl phthalate	85-68-7	Industrial	Türkiye	Europe	LIII
Beta cypermethrin	65731-84-2	Pesticide	Bosnia and Herzegovina	Europe	LIII
Beta cypermethrin	65731-84-2	Pesticide	European Union	Europe	L
Beta hexachlorocyclohexane	319-85-7	Pesticide	China	Asia	XLV
Beta hexachlorocyclohexane	319-85-7	Industrial	Japan	Asia	XXXII
Beta hexachlorocyclohexane	319-85-7	Pesticide	Japan	Asia	XXXIII
Beta hexachlorocyclohexane	319-85-7	Pesticide	Thailand	Asia	XX
Bifenthrin	82657-04-3	Pesticide	Netherlands	Europe	XIV
Bis(2-chloroethyl)ether	111-44-4	Industrial	Republic of Korea	Asia	XX
Bis(chloromethyl)ether	542-88-1	Industrial	Japan	Asia	XXI

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Bis(chloromethyl)ether	542-88-1	Industrial	Republic of Korea	Asia	XX
Bis(chloromethyl)ether	542-88-1	Industrial	Canada	North America	XII
Bitertanol	55179-31-2	Pesticide	Norway	Europe	XXXV
Bitertanol	55179-31-2	Pesticide	Türkiye	Europe	LIII
Brodifacoum	56073-10-0	Pesticide	Mozambique	Africa	LV
Brodifacoum	56073-10-0	Pesticide	Türkiye	Europe	LIV
Bromacil	314-40-9	Pesticide	Türkiye	Europe	LIV
Bromacil	314-40-9	Pesticide	Costa Rica	Latin America and the Caribbean	LII
Bromobenzylbromotoluene (DBBT)	99688-47-8	Industrial	Latvia	Europe	XX
Bromobenzylbromotoluene (DBBT)	99688-47-8	Industrial	Switzerland	Europe	XXIII
Bromochlorodifluoromethane (Halon 1211)	353-59-3	Industrial	Canada	North America	XIII
Bromochloromethane	74-97-5	Industrial	Thailand	Asia	XXIV
Bromofos	2104-96-3	Pesticide	Türkiye	Europe	LIV
Bromofos-ethyl	4824-78-6	Pesticide	Türkiye	Europe	LIV
Bromopropylate	18181-80-1	Pesticide	Türkiye	Europe	LIV
Bromotrifluoromethane	75-63-8	Industrial	Canada	North America	XII
Bromoxynil octanoate	1689-99-2	Pesticide	Norway	Europe	XIV
Bromuconazole	116255-48-2	Pesticide	Norway	Europe	XIII
Bronopol	52-51-7	Pesticide	Türkiye	Europe	LIV
Butralin	33629-47-9	Pesticide	Bosnia and Herzegovina	Europe	LIII
Butralin	33629-47-9	Pesticide	European Union	Europe	XXXIII
Butralin	33629-47-9	Pesticide	Serbia	Europe	LII
Butralin	33629-47-9	Pesticide	Türkiye	Europe	LIII
Cadmium	7440-43-9	Industrial	Latvia	Europe	XX
Cadusafos	95465-99-9	Pesticide	Bosnia and Herzegovina	Europe	LIII
Cadusafos	95465-99-9	Pesticide	European Union	Europe	XXXVI
Cadusafos	95465-99-9	Pesticide	Serbia	Europe	LII
Cadusafos	95465-99-9	Pesticide	Türkiye	Europe	LIII
Calcium arsenate	7778-44-1	Pesticide	Thailand	Asia	XIV
Calcium cyanide	592-01-8	Pesticide	Türkiye	Europe	LIV
Carbaryl	63-25-2	Pesticide	Mozambique	Africa	LI
Carbaryl	63-25-2	Pesticide	Bosnia and Herzegovina	Europe	LII
Carbaryl	63-25-2	Pesticide	European Union	Europe	XXVI
Carbaryl	63-25-2	Pesticide	Türkiye	Europe	LIII
Carbaryl	63-25-2	Pesticide	Jordan	Near East	XVIII
Carbaryl	63-25-2	Pesticide	Syrian Arab Republic	Near East	XXXII
Carbendazim	10605-21-7	Pesticide	Türkiye	Europe	LIII
Carbon tetrachloride	56-23-5	Industrial	Republic of Korea	Asia	XX
Carbon tetrachloride	56-23-5	Pesticide	Thailand	Asia	XX
Carbon tetrachloride	56-23-5	Industrial	Latvia	Europe	XX
Carbon tetrachloride	56-23-5	Pesticide & Industrial	Switzerland	Europe	XXI
Carbon tetrachloride	56-23-5	Pesticide	Ecuador	Latin America and the Caribbean	LII
Carbon tetrachloride	56-23-5	Industrial	Jordan	Near East	XLIV
Carbon tetrachloride	56-23-5	Pesticide & Industrial	Canada	North America	XII
Carbosulfan	55285-14-8	Pesticide	Burkina Faso	Africa	XLI

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Carbosulfan	55285-14-8	Pesticide	Cabo Verde	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Chad	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Gambia	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Mauritania	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Niger	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Senegal	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Togo	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Bosnia and Herzegovina	Europe	LIII
Carbosulfan	55285-14-8	Pesticide	European Union	Europe	XXXV
Carbosulfan	55285-14-8	Pesticide	Serbia	Europe	LII
Carbosulfan	55285-14-8	Pesticide	Türkiye	Europe	LIII
Chinomethionate	2439-01-2	Pesticide	Türkiye	Europe	LIII
Chloral hydrate	302-17-0	Pesticide	Netherlands	Europe	XIV
Chlorates (sodium chlorate, magnesium chlorate and potassium chlorate)	7775-09-9, 10326-21-3, 3811-04-9	Pesticide	Bosnia and Herzegovina	Europe	LIII
Chlorates (including but not limited to Na, Mg, K chlorates)	7775-09-9, 10326-21-3, 3811-04-9 and others	Pesticide	European Union	Europe	XXXVIII
Chlordecone	143-50-0	Pesticide	China	Asia	XLV
Chlordecone	143-50-0	Industrial	Japan	Asia	XXXII
Chlordecone	143-50-0	Pesticide	Japan	Asia	XXXIII
Chlordecone	143-50-0	Pesticide	Thailand	Asia	XIV
Chlordecone	143-50-0	Pesticide	Switzerland	Europe	XX
Chlordecone	143-50-0	Pesticide	Peru	Latin America and the Caribbean	XLV
Chlorfenapyr	122453-73-0	Pesticide	Bosnia and Herzegovina	Europe	LIII
Chlorfenapyr	122453-73-0	Pesticide	European Union	Europe	XVIII
Chlorfenapyr	122453-73-0	Pesticide	Serbia	Europe	LII
Chlorfenvinphos	470-90-6	Pesticide	Mozambique	Africa	LI
Chlorfenvinphos	470-90-6	Pesticide	Norway	Europe	XIII
Chlorfenvinphos	470-90-6	Pesticide	Türkiye	Europe	LIII
Chlorfluazuron	71422-67-8	Pesticide	Türkiye	Europe	LIV
Chloroethylene	75-01-4	Industrial	Latvia	Europe	XX
Chloroethylene	75-01-4	Industrial	Türkiye	Europe	LIII
Chlorofluorocarbon (totally halogenated)	75-69-4, 75-71-8, 76-13-1, 76-14-2, 76-15-3	Industrial	Canada	North America	XII
Chloroform	67-66-3	Industrial	Latvia	Europe	XX
Chloromethyl methyl ether	107-30-2	Industrial	Canada	North America	XXVIII
Chloroneb	2675-77-6	Pesticide	Türkiye	Europe	LIV
Chloropicrin	76-06-2	Pesticide	Türkiye	Europe	LIII
Chlorothalonil	1897-45-6	Pesticide	European Union	Europe	LIII
Chlorpropham	101-21-3	Pesticide	European Union	Europe	LIV
Chlorpyrifos	2921-88-2	Pesticide	Sri Lanka	Asia	XLIX
Chlorpyrifos	2921-88-2	Pesticide	European Union	Europe	LVI
Chlorpyrifos	2921-88-2	Pesticide	Türkiye	Europe	LIV
Chlorsulfuron	64902-72-3	Pesticide	Norway	Europe	XIII
Chlorthal-dimethyl	1861-32-1	Pesticide	Bosnia and Herzegovina	Europe	LIII
Chlorthal-dimethyl	1861-32-1	Pesticide	European Union	Europe	XXXVII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Chlorthiophos	60238-56-4	Pesticide	Thailand	Asia	XIV
Chlozolinat	84332-86-5	Pesticide	European Union	Europe	XVI
Chrysotile asbestos	12001-29-5	Industrial	South Africa	Africa	XXX
Chrysotile asbestos	12001-29-5	Industrial	Iran (Islamic Republic of)	Asia	LII
Chrysotile asbestos	12001-29-5	Industrial	Japan	Asia	XXX
Chrysotile asbestos	12001-29-5	Industrial	Japan	Asia	XXV
Chrysotile asbestos	12001-29-5	Industrial	Bulgaria	Europe	XXII
Chrysotile asbestos	12001-29-5	Industrial	European Union	Europe	XIII
Chrysotile asbestos	12001-29-5	Industrial	Latvia	Europe	XX
Chrysotile asbestos	12001-29-5	Industrial	Switzerland	Europe	XXI
Chrysotile asbestos	12001-29-5	Industrial	Türkiye	Europe	LIII
Chrysotile asbestos	12001-29-5	Industrial	Chile	Latin America and the Caribbean	XV
Chrysotile asbestos	12001-29-5	Industrial	Canada	North America	XLIX
Chrysotile asbestos	12001-29-5	Industrial	Australia	Southwest Pacific	XIX
Coumachlor	81-82-3	Pesticide	Türkiye	Europe	LIV
Creosote	8001-58-9	Industrial	Latvia	Europe	XX
Creosote oil	61789-28-4	Industrial	Latvia	Europe	XX
Creosote oil, acenaphthene fraction	90640-84-9	Industrial	Latvia	Europe	XX
Creosote, wood	8021-39-4	Industrial	Latvia	Europe	XX
Cyanazine	21725-46-2	Pesticide	Türkiye	Europe	LIII
Cybutryne	28159-98-0	Pesticide	European Union	Europe	LI
Cycloate	1134-23-2	Pesticide	Türkiye	Europe	LIV
Cycloheximide	66-81-9	Pesticide	Thailand	Asia	XIV
Cyclosulfamuron	136849-15-5	Pesticide	Türkiye	Europe	LIV
Cyhexatin	13121-70-5	Pesticide	Japan	Asia	XX
Cyhexatin	13121-70-5	Pesticide	Türkiye	Europe	LIII
Cyhexatin	13121-70-5	Pesticide	Brazil	Latin America and the Caribbean	XXXVI
Cyhexatin	13121-70-5	Pesticide	Canada	North America	XXII
Cypermethrin	67375-30-8	Pesticide	Türkiye	Europe	LIV
DDD	72-54-8	Pesticide	Thailand	Asia	XX
Polybrominated diphenyl ethers (PBDEs)	40088-47-9**, 32534-81-9**, 36483-60-0**, 68928-80-3**, 32536-52-0, 63936-56-1, 1163-19-5	Industrial	Canada	North America	XLVIII
Demephion- <i>O</i>	682-80-4	Pesticide	Thailand	Asia	XIV
Demeton-methyl (isomeric mixture of demeton- <i>O</i> -methyl and demeton- <i>S</i> -methyl)	8022-00-2, 867-27-6, 919-86-8	Pesticide & Industrial	Japan	Asia	XX
DPX KE 459 (flupyrsulfuron methyl)	150315-10-9, 144740-54-5	Pesticide	European Union	Europe	LI
Diazinon	333-41-5	Pesticide	Mozambique	Africa	LV
Diazinon	333-41-5	Pesticide	Bosnia and Herzegovina	Europe	L
Diazinon	333-41-5	Pesticide	European Union	Europe	XXXII
Diazinon	333-41-5	Pesticide	Türkiye	Europe	LIII
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Thailand	Asia	XIV
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Colombia	Latin America and the Caribbean	XLV

Chemical name	CAS No.	Category	Party	Region	PIC Circular
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Ecuador	Latin America and the Caribbean	LII
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Canada	North America	XXII
Dibromotetrafluoroethane	124-73-2	Industrial	Canada	North America	XIII
Dibutyltin hydrogen borate (DBB)	75113-37-0	Industrial	Latvia	Europe	XX
Dichlobenil	1194-65-6	Pesticide	Bosnia and Herzegovina	Europe	LII
Dichlobenil	1194-65-6	Pesticide	European Union	Europe	XXXVI
Dichlobenil	1194-65-6	Pesticide	Norway	Europe	XII
Dichloro[(dichlorophenyl)methyl]methylbenzene	76253-60-6	Industrial	Latvia	Europe	XX
Dichloro[(dichlorophenyl)methyl]methylbenzene	76253-60-6	Industrial	Switzerland	Europe	XXIII
Dichlorobenzyltoluene	81161-70-8	Industrial	Switzerland	Europe	XXIII
Dichlorophen	97-23-4	Pesticide	Thailand	Asia	XIV
Dichlorvos	62-73-7	Pesticide	Malawi	Africa	LVI
Dichlorvos	62-73-7	Pesticide	European Union	Europe	XXXIV
Dichlorvos	62-73-7	Pesticide	Serbia	Europe	LII
Dicloran	99-30-9	Pesticide	European Union	Europe	XXXVI
Dicloran	99-30-9	Pesticide	Serbia	Europe	LII
Dicofol	115-32-2	Industrial	Japan	Asia	XXII
Dicofol	115-32-2	Industrial	Japan	Asia	XXXII
Dicofol	115-32-2	Pesticide	Japan	Asia	XXXIII
Dicofol	115-32-2	Pesticide	Netherlands	Europe	XXII
Dicofol	115-32-2	Pesticide	Romania	Europe	XX
Dicofol	115-32-2	Pesticide	Switzerland	Europe	XXIV
Dicofol	115-32-2	Pesticide	European Union	Europe	XXXIII
Dicofol	115-32-2	Pesticide	Peru	Latin America and the Caribbean	LIII
Dicrotophos	141-66-2	Pesticide	Jordan	Near East	XVIII
Diisobutyl phthalate	84-69-5	Industrial	European Union	Europe	LII
Dimefox	115-26-4	Pesticide	Thailand	Asia	XIV
Dimefox	115-26-4	Pesticide	Jordan	Near East	XVIII
Dimethenamid	87674-68-8	Pesticide	European Union	Europe	XXVII
Dimethenamid	87674-68-8	Pesticide	Türkiye	Europe	LIII
Dimethipin	55290-64-7	Pesticide	Türkiye	Europe	LIV
Dimethoate	60-51-5	Pesticide	European Union	Europe	LIII
Diniconazole-M	83657-18-5	Pesticide	European Union	Europe	XXXIV
Diniconazole-M	83657-18-5	Pesticide	Türkiye	Europe	LIII
Dinoterb	1420-07-1	Pesticide	Thailand	Asia	XIV
Dinoterb	1420-07-1	Pesticide	European Union	Europe	XIV
Dinoterb	1420-07-1	Pesticide	Switzerland	Europe	XX
Dioxacarb	6988-21-2	Pesticide	Türkiye	Europe	LIV
Dioxathion	78-34-2	Pesticide	Türkiye	Europe	LIV
Diphenamid	957-51-7	Pesticide	Türkiye	Europe	LIV
Diphenylamine	122-39-4	Pesticide	European Union	Europe	XXXIX
Diquat	85-00-7	Pesticide	European Union	Europe	LIV
Distillates (coal tar), naphthalene oils	84650-04-4	Industrial	Latvia	Europe	XX
Distillates (coal tar), upper	65996-91-0	Industrial	Latvia	Europe	XX
Disulfoton	298-04-4	Pesticide	Thailand	Asia	XIV
Diuron	330-54-1	Pesticide	Mozambique	Africa	LII



Chemical name	CAS No.	Category	Party	Region	PIC Circular
Endosulfan	115-29-7**, 959-98-8, 33213-65-9	Pesticide* & Industrial	Japan	Asia	XLIV
Endothal	145-73-3	Pesticide	Türkiye	Europe	LIV
Endrin	72-20-8	Pesticide	Indonesia	Asia	LIII
Endrin	72-20-8	Pesticide & Industrial	Japan	Asia	XX
Endrin	72-20-8	Pesticide & Industrial	Republic of Korea	Asia	XX
Endrin	72-20-8	Pesticide	Bulgaria	Europe	XXII
Endrin	72-20-8	Pesticide	Romania	Europe	XX
Endrin	72-20-8	Pesticide	Switzerland	Europe	XX
Endrin	72-20-8	Pesticide	Ecuador	Latin America and the Caribbean	LII
Endrin	72-20-8	Pesticide	Peru	Latin America and the Caribbean	XIII
Endrin	72-20-8	Pesticide	Guyana	Latin America and the Caribbean	XXVI
Endrin	72-20-8	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Endrin	72-20-8	Pesticide	Jordan	Near East	XVIII
Endrin	72-20-8	Pesticide	Canada	North America	XXII
EPN	2104-64-5	Pesticide	Türkiye	Europe	LIV
Epoxiconazole	106325-08-0	Pesticide	Norway	Europe	XIII
EPTC	759-94-4	Pesticide	Norway	Europe	XIII
EPTC	759-94-4	Pesticide	Türkiye	Europe	LIV
Ethalfuralin	55283-68-6	Pesticide	Türkiye	Europe	LIII
Ethiofencarb	29973-13-5	Pesticide	Türkiye	Europe	LIV
Ethion	563-12-2	Pesticide	Mozambique	Africa	LV
Ethion	563-12-2	Pesticide	Türkiye	Europe	LIII
Ethirimol	23947-60-6	Pesticide	Türkiye	Europe	LIV
Ethoate-methyl	116-01-8	Pesticide	Türkiye	Europe	LIV
Ethoprophos	13194-48-4	Pesticide	European Union	Europe	LIV
Ethylbromoacetate	105-36-2	Industrial	Latvia	Europe	XX
Extract residues (coal), low temp. coal tar alk	122384-78-5	Industrial	Latvia	Europe	XX
Fenamidone	161326-34-7	Pesticide	European Union	Europe	LV
Fenamiphos	22224-92-6	Pesticide	Mozambique	Africa	LV
Fenarimol	60168-88-9	Pesticide	European Union	Europe	XXXVII
Fenarimol	60168-88-9	Pesticide	Türkiye	Europe	LIII
Fenitrothion	122-14-5	Pesticide	Bosnia and Herzegovina	Europe	LII
Fenitrothion	122-14-5	Pesticide	European Union	Europe	XXXII
Fenpiclonil	74738-17-3	Pesticide	Türkiye	Europe	LIV
Fenpropathrin	39515-41-8	Pesticide	Türkiye	Europe	LIII
Fensulfothion	115-90-2	Pesticide	Thailand	Asia	XIV
Fenthion	55-38-9	Pesticide	European Union	Europe	XXII
Fenthion	55-38-9	Pesticide	Türkiye	Europe	LIII
Fentin acetate	900-95-8	Pesticide	European Union	Europe	XVI
Fentin acetate	900-95-8	Pesticide	Türkiye	Europe	LIII
Fentin hydroxide	76-87-9	Pesticide	European Union	Europe	XVI
Fentin hydroxide	76-87-9	Pesticide	Türkiye	Europe	LIII
Fenvalerate	51630-58-1	Pesticide	Türkiye	Europe	LIII
Ferbam	14484-64-1	Pesticide	Canada	North America	XLIX
Fipronil	120068-37-3	Pesticide	Cabo Verde	Africa	XLI

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Fipronil	120068-37-3	Pesticide	Chad	Africa	XLI
Fipronil	120068-37-3	Pesticide	Gambia	Africa	XLI
Fipronil	120068-37-3	Pesticide	Mauritania	Africa	XLI
Fipronil	120068-37-3	Pesticide	Niger	Africa	XLI
Fipronil	120068-37-3	Pesticide	Senegal	Africa	XLI
Fipronil	120068-37-3	Pesticide	Togo	Africa	XLI
Fipronil	120068-37-3	Pesticide	Türkiye	Europe	LIV
Flocoumafen	90035-08-8	Pesticide	Türkiye	Europe	LIV
Fluazifop- <i>P</i> -butyl	79241-46-6	Pesticide	Norway	Europe	XIII
Fluazinam	79622-59-6	Pesticide	Norway	Europe	XXXII
Flubenzimine	37893-02-0	Pesticide	Türkiye	Europe	LIV
Flucythrinate	70124-77-5	Pesticide	Türkiye	Europe	LIV
Flufenoxuron	101463-69-8	Pesticide	European Union	Europe	XXXIX
Flumetsulam	98967-40-9	Pesticide	Türkiye	Europe	LIV
Fluopicolide	239110-15-7	Pesticide	Norway	Europe	XLIII
Fluoroacetic acid and its salts	144-49-0, 62-74-8	Pesticide & Industrial	Japan	Asia	XX
Fluridone	59756-60-4	Pesticide	Türkiye	Europe	LIV
Flurprimidol	56425-91-3	Pesticide	European Union	Europe	XXXVI
Flurtamone	96525-23-4	Pesticide	European Union	Europe	LV
Fluthiacet-methyl	117337-19-6	Pesticide	Türkiye	Europe	LIV
Folpet	133-07-3	Pesticide	Malaysia	Asia	XII
Fomesafen	72178-02-0	Pesticide	Türkiye	Europe	LIV
Fonofos	944-22-9	Pesticide	Thailand	Asia	XIV
Formothion	2540-82-1	Pesticide	Türkiye	Europe	LIV
Furathiocarb	65907-30-4	Pesticide	Türkiye	Europe	LIII
Furfural	98-01-1	Pesticide	Mozambique	Africa	LI
Haloxyfop	69806-34-4	Pesticide	Türkiye	Europe	LIV
Haloxyfop ethoxyethyl ester	87237-48-7	Pesticide	Türkiye	Europe	LIV
Hexachlorobenzene	118-74-1**	Industrial	China	Asia	XLII
Hexachlorobenzene	118-74-1**	Pesticide* & Industrial	Japan	Asia	XX
Hexachlorobenzene	118-74-1**	Pesticide* & Industrial	Panama	Latin America and the Caribbean	XIX
Hexachlorobenzene	118-74-1**	Industrial	Canada	North America	XXVIII
Hexachlorobutadiene	87-68-3	Industrial	Japan	Asia	XXII
Hexachlorobutadiene	87-68-3	Industrial	Canada	North America	XXVIII
Hexachloroethane	67-72-1	Industrial	Latvia	Europe	XX
Hexaconazole	79983-71-4	Pesticide	Türkiye	Europe	LIV
Hexaflumuron	86479-06-3	Pesticide	Türkiye	Europe	LIV
Hexane, 1,6-diisocyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoromethylene), C <sub>16-20</sub> -branched alcohols and 1-octadecanol	Not available	Industrial	Canada	North America	XLI
Hexazinone	51235-04-2	Pesticide	Burkina Faso	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Cabo Verde	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Chad	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Gambia	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Guinea-Bissau	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Mali	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Mauritania	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Niger	Africa	XLV

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Hexazinone	51235-04-2	Pesticide	Senegal	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Togo	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Norway	Europe	XIII
Hydrogen cyanamide	420-04-2	Pesticide	Türkiye	Europe	LIV
Hydrogen cyanide	74-90-8	Pesticide	Türkiye	Europe	LIV
Hydrogen peroxide	7722-84-1	Pesticide	Türkiye	Europe	LIV
Imazalil	35554-44-0	Pesticide	Norway	Europe	XIII
Imazapic	104098-48-8	Pesticide	Türkiye	Europe	LIV
Imazapyr	81334-34-1	Pesticide	Norway	Europe	XIV
Imazapyr	81334-34-1	Pesticide	Türkiye	Europe	LIV
Imazethapyr	81335-77-5	Pesticide	Türkiye	Europe	LIV
Iminoctadine	13516-27-3	Pesticide	Türkiye	Europe	LIII
Indolylacetic acid	87-51-4	Pesticide	Türkiye	Europe	LIII
Iprodione	36734-19-7	Pesticide	Mozambique	Africa	LI
Iprodione	36734-19-7	Pesticide	European Union	Europe	L
Iprodione	36734-19-7	Pesticide	Türkiye	Europe	LIV
Isodrin	465-73-6	Pesticide	Switzerland	Europe	XX
Isofenphos	25311-71-1	Pesticide	Türkiye	Europe	LIV
Isoproturon	34123-59-6	Pesticide	European Union	Europe	LI
Isopyrazam	881685-58-1	Pesticide	Norway	Europe	XXXVII
Kelevan	4234-79-1	Pesticide	Switzerland	Europe	XX
Kinetin	525-79-1	Pesticide	Türkiye	Europe	LIV
Lead arsenate	7784-40-9	Pesticide	Japan	Asia	XX
Lead arsenate	7784-40-9	Pesticide	Peru	Latin America and the Caribbean	XXXV
Lead carbonate	598-63-0	Industrial	Latvia	Europe	XX
Lead carbonate	598-63-0	Industrial	Jordan	Near East	XXXVI
Lead hydroxycarbonate	1319-46-6	Industrial	Latvia	Europe	XX
Lead sulfate	15739-80-7	Industrial	Latvia	Europe	XX
Lead(II)sulfate	7446-14-2	Industrial	Latvia	Europe	XX
Leptophos	21609-90-5	Pesticide	Ecuador	Latin America and the Caribbean	LII
Lindane	58-89-9**	Industrial	China	Asia	L
Linuron	330-55-2	Pesticide	European Union	Europe	LI
Linuron	330-55-2	Pesticide	Norway	Europe	XXXVI
Malathion	121-75-5	Pesticide	Syrian Arab Republic	Near East	XXXII
Maleic hydrazide	123-33-1	Pesticide	Romania	Europe	XX
Mancozeb	8018-01-7	Pesticide	European Union	Europe	LVI
MCPA-thioethyl(phenothiol)	25319-90-8	Pesticide	Thailand	Asia	XIV
MCPB	94-81-5	Pesticide	Thailand	Asia	XIV
Mecoprop	7085-19-0	Pesticide	Thailand	Asia	XIV
Mephosfolan	950-10-7	Pesticide	Thailand	Asia	XIV
Mephosfolan	950-10-7	Pesticide	Türkiye	Europe	LIV
Mepiquat chloride	24307-26-4	Pesticide	Norway	Europe	XIII
Mercurous chloride (Calomel)	10112-91-1	Pesticide	Romania	Europe	XX
Mercury	7439-97-6	Pesticide & Industrial	Indonesia	Asia	LIII
Mercury	7439-97-6	Industrial	European Union	Europe	LVI
Mercury	7439-97-6	Industrial	Türkiye	Europe	LIII
Mercury	7439-97-6	Industrial	Colombia	Latin America and the Caribbean	LII
Metaldehyde	108-62-3, 9002-91-9	Pesticide	Norway	Europe	XLVII
Methabenzthiazuron	18691-97-9	Pesticide	Türkiye	Europe	LIV

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Methazole	20354-26-1	Pesticide	Australia	Southwest Pacific	XII
Methidathion	950-37-8	Pesticide	Mozambique	Africa	LI
Methidathion	950-37-8	Pesticide	Türkiye	Europe	LIII
Methidathion	950-37-8	Pesticide	Uruguay	Latin America and the Caribbean	L
Methiocarb	2032-65-7	Pesticide	Mozambique	Africa	LV
Methiocarb	2032-65-7	Pesticide	European Union	Europe	LVI
Methomyl	16752-77-5	Pesticide	Mozambique	Africa	LV
Methomyl	16752-77-5	Pesticide	Uruguay	Latin America and the Caribbean	L
Methoprene	40596-69-8	Pesticide	Türkiye	Europe	LIV
Methyl bromide	74-83-9	Pesticide	Malawi	Africa	XXX
Methyl bromide	74-83-9	Pesticide	Indonesia	Asia	LIII
Methyl bromide	74-83-9	Pesticide & Industrial	Republic of Korea	Asia	XX
Methyl bromide	74-83-9	Pesticide	Netherlands	Europe	XV
Methyl bromide	74-83-9	Pesticide & Industrial	Switzerland	Europe	XXI
Methyl bromide	74-83-9	Pesticide	Colombia	Latin America and the Caribbean	LII
Methyl bromoacetate	96-32-2	Industrial	Latvia	Europe	XX
Methyl cellosolve	109-86-4	Industrial	Canada	North America	XXVIII
Methyl parathion	298-00-0	Pesticide	Côte d'Ivoire	Africa	XX
Methyl parathion	298-00-0	Pesticide	Gambia	Africa	XIX
Methyl parathion	298-00-0	Pesticide	Nigeria	Africa	XXI
Methyl parathion	298-00-0	Pesticide	China	Asia	L
Methyl parathion	298-00-0	Pesticide	Indonesia	Asia	LIII
Methyl parathion	298-00-0	Pesticide & Industrial	Japan	Asia	XX
Methyl parathion	298-00-0	Pesticide	Thailand	Asia	XXI
Methyl parathion	298-00-0	Pesticide	Bulgaria	Europe	XXII
Methyl parathion	298-00-0	Pesticide	European Union	Europe	XVIII
Methyl parathion	298-00-0	Pesticide	Brazil	Latin America and the Caribbean	XX
Methyl parathion	298-00-0	Pesticide	Dominican Republic	Latin America and the Caribbean	XXV
Methyl parathion	298-00-0	Pesticide	El Salvador	Latin America and the Caribbean	XX
Methyl parathion	298-00-0	Pesticide	Guyana	Latin America and the Caribbean	XXVI
Methyl parathion	298-00-0	Pesticide	Panama	Latin America and the Caribbean	XIX
Methyl parathion	298-00-0	Pesticide	Panama	Latin America and the Caribbean	XLVII
Methyl parathion	298-00-0	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Methyl parathion	298-00-0	Pesticide	Uruguay	Latin America and the Caribbean	L
Metolachlor	51218-45-2	Pesticide	Türkiye	Europe	LIV
Metominostrobin	133408-50-1	Pesticide	Türkiye	Europe	LIV
Metosulam	139528-85-1	Pesticide	Türkiye	Europe	LIV
Mevinphos	26718-65-0	Pesticide	Thailand	Asia	XIV
Mevinphos	26718-65-0	Pesticide	Jordan	Near East	XVIII
Mevinphos	7786-34-7	Pesticide	Türkiye	Europe	LIV
Mirex	2385-85-5	Pesticide & Industrial	Indonesia	Asia	LIII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Mirex	2385-85-5	Pesticide & Industrial	Japan	Asia	XXI
Mirex	2385-85-5	Pesticide	Thailand	Asia	XX
Mirex	2385-85-5	Pesticide	Bulgaria	Europe	XXII
Mirex	2385-85-5	Pesticide & Industrial	Switzerland	Europe	XXIII
Mirex	2385-85-5	Pesticide	Colombia	Latin America and the Caribbean	XLV
Mirex	2385-85-5	Pesticide	Cuba	Latin America and the Caribbean	XXVIII
Mirex	2385-85-5	Pesticide	Ecuador	Latin America and the Caribbean	LII
Mirex	2385-85-5	Pesticide	Guyana	Latin America and the Caribbean	XXVI
Mirex	2385-85-5	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Mirex	2385-85-5	Industrial	Canada	North America	XII
Mirex	2385-85-5	Industrial	Canada	North America	XXVIII
Monolinuron	1746-81-2	Pesticide	Türkiye	Europe	LIII
Monomethyl dichlorodiphenyl methane	122808-61-1	Industrial	Latvia	Europe	XX
<i>N,N'</i> -Ditolyl- <i>p</i> -phenylenediamine; <i>N,N'</i> -Dixylyl- <i>p</i> -phenylenediamine; <i>N</i> -Tolyl- <i>N'</i> -xylyl- <i>p</i> -phenylenediamine	27417-40-9, 28726-30-9, 70290-05-0	Industrial	Japan	Asia	XXI
Naled	300-76-5	Pesticide	European Union	Europe	XXXIX
NCC ether	94097-88-8	Industrial	Canada	North America	XXVIII
Nickel	7440-02-0	Industrial	Latvia	Europe	XX
Nitrofen	1836-75-5	Pesticide	European Union	Europe	XVI
Nitrofen	1836-75-5	Pesticide	Romania	Europe	XX
<i>N</i> -Nitrosodimethylamine	62-75-9	Industrial	Canada	North America	XXVIII
Nonylphenol	11066-49-2, 25154-52-3, 84852-15-3, 90481-04-2	Pesticide & Industrial	European Union	Europe	XXIII
Nonylphenol ethoxylate	127087-87-0, 26027-38-3, 37205-87-1, 68412-54-4, 9016-45-9	Pesticide & Industrial	European Union	Europe	XXIII
Nonylphenols and nonylphenol ethoxylates	104-40-5, 11066-49-2, 127087-87-0, 25154-52-3, 26027-38-3, 37205-87-1, 68412-54-4, 84852-15-3, 9016-45-9, 90481-04-2	Pesticide	South Africa	Africa	XLVI

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Nonylphenols and nonylphenol ethoxylates	104-40-5, 11066-49-2, 25154-52-3, 84852-15-3, 90481-04-2, 127087-87-0, 26027-38-3, 37205-87-1, 68412-54-4, 9016-45-9	Pesticide & Industrial	Switzerland	Europe	XXXVI
Norflurazon	27314-13-2	Pesticide	Türkiye	Europe	LIV
Nuarimol	63284-71-9	Pesticide	Türkiye	Europe	LIV
Octylphenols and octylphenol ethoxylates	140-66-9, 1806-26-4, 27193-28-8, 68987-90-6, 9002-93-1, 9036-19-5	Pesticide & Industrial	Switzerland	Europe	XXXVI
Ofurace	58810-48-3	Pesticide	Türkiye	Europe	LIV
Omethoate	1113-02-6	Pesticide	Türkiye	Europe	LIII
Orthosulfamuron	213464-77-8	Pesticide	European Union	Europe	LI
Oxadixyl	77732-09-3	Pesticide	Türkiye	Europe	LIV
Oxamyl	23135-22-0	Pesticide	Türkiye	Europe	LIV
Oxasulfuron	144651-06-9	Pesticide	European Union	Europe	LV
Oxine-copper	10380-28-6	Pesticide	Türkiye	Europe	LIV
Oxycarboxin	5259-88-1	Pesticide	Türkiye	Europe	LIV
Oxydemeton-methyl	301-12-2	Pesticide	European Union	Europe	XXX
Oxydemeton-methyl	301-12-2	Pesticide	Türkiye	Europe	LIII
Oxyfluorfen	42874-03-3	Pesticide	Mozambique	Africa	LII
Paraquat	4685-14-7	Pesticide	Mozambique	Africa	LII
Paraquat	4685-14-7	Pesticide	Togo	Africa	XLII
Paraquat	4685-14-7	Pesticide	Malaysia	Asia	LII
Paraquat	4685-14-7	Pesticide	Sri Lanka	Asia	XXVIII
Paraquat	4685-14-7	Pesticide	Sweden	Europe	XXIII
Paraquat dichloride	1910-42-5	Pesticide	Burkina Faso	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Cabo Verde	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Chad	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Mali	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Mauritania	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Niger	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Senegal	Africa	XXXV
Paraquat dichloride	1910-42-5	Pesticide	Sweden	Europe	XXIII
Paraquat dichloride	1910-42-5	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Paraquat dimethyl,bis	2074-50-2	Pesticide	Sweden	Europe	XXIII
Paris green	12002-03-8	Pesticide	Thailand	Asia	XIV
Pendimethalin	40487-42-1	Pesticide	Norway	Europe	XXV
Pentachlorobenzene	608-93-5	Pesticide	China	Asia	XLV
Pentachlorobenzene	608-93-5	Industrial	Japan	Asia	XXXII
Pentachlorobenzene	608-93-5	Pesticide	Japan	Asia	XXXIII
Pentachloroethane	76-01-7	Industrial	Latvia	Europe	XX
Pentachlorobenzene	608-93-5	Industrial	Canada	North America	XXVIII
Pentachlorophenol and its salts and esters	87-86-5**, 131-52-2, 27735-64-4, 3772-94-9	Pesticide* & Industrial	Japan	Asia	XLIV

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Perfluorocarboxylic acids that have the molecular formula $C_nF_{2n+1}CO_2H$ in which $8 \leq n \leq 20$ , their salts, and their precursors (LC-PFCAs)	375-95-1, 335-76-2, 2058-94-8, 307-55-1, 72629-94-8, 376-06-7, 141074-63-7, 67905-19-5, 57475-95-3, 16517-11-6, 133921-38-7, 68310-12-3 (list is not exhaustive)	Industrial	Canada	North America	XLVII
Perfluorooctane sulphonate (PFOS), its salts and perfluorooctanesulfonyl fluoride (PFOSF)	2795-39-3**, 70225-14-8**, 29081-56-9**, 29457-72-5**, 307-35-7**	Pesticide & Industrial*	China	Asia	XLV
Permethrin	52645-53-1	Pesticide	Syrian Arab Republic	Near East	XXXII
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-	3846-71-7	Industrial	Japan	Asia	XXVII
Phenthoate	2597-03-7	Pesticide	Malaysia	Asia	XLIV
Phosalone	2310-17-0	Pesticide	European Union	Europe	XXVII
Phosalone	2310-17-0	Pesticide	Türkiye	Europe	LIII
Phosphamidon	13171-21-6	Pesticide	Côte d'Ivoire	Africa	XX
Phosphamidon	13171-21-6	Pesticide	Indonesia	Asia	LIII
Phosphamidon	13171-21-6	Pesticide	China	Asia	L
Phosphamidon	13171-21-6	Pesticide & Industrial	Japan	Asia	XX
Phosphamidon	13171-21-6	Pesticide	Thailand	Asia	XIV
Phosphamidon	13171-21-6	Pesticide	Brazil	Latin America and the Caribbean	XX
Phosphamidon	13171-21-6	Pesticide	Panama	Latin America and the Caribbean	XIX
Picoxystrobin	117428-22-5	Pesticide	European Union	Europe	L
Polychlorinated naphthalenes	70776-03-3	Industrial	Japan	Asia	XXI
Polychlorinated naphthalenes	28699-88-9, 1321-65-9, 1335-88-2, 1321-64-8, 1335-87-1, 32241-08-0, 2234-13-1	Industrial	Japan	Asia	XLIV
Polychlorinated naphthalenes	70776-03-3	Industrial	Canada	North America	XXXVIII
Polychloroterpenes	8001-50-1	Pesticide	Thailand	Asia	XX
Procymidone	32809-16-8	Pesticide	European Union	Europe	XXXVII
Procymidone	32809-16-8	Pesticide	Türkiye	Europe	LIII
Profenofos	41198-08-7	Pesticide	Malaysia	Asia	XLIV
Propachlor	1918-16-7	Pesticide	European Union	Europe	XXXIII
Propachlor	1918-16-7	Pesticide	Norway	Europe	XXXVI
Propanil	709-98-8	Pesticide	European Union	Europe	XXXIX
Propanil	709-98-8	Pesticide	Türkiye	Europe	LIII
Propargite	2312-35-8	Pesticide	European Union	Europe	XXXIX
Propargite	2312-35-8	Pesticide	Türkiye	Europe	LIII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Propineb	12071-83-9 (monomer) 9016-72-2 (homopolymer)	Pesticide	European Union	Europe	LV
Propisochlor	86763-47-5	Pesticide	European Union	Europe	XXXVI
Propylbromoacetate	35223-80-4	Industrial	Latvia	Europe	XX
Prothiofos	34643-46-4	Pesticide	Malaysia	Asia	XLIV
Prothoate	2275-18-5	Pesticide	Thailand	Asia	XIV
Pymetrozine	123312-89-0	Pesticide	European Union	Europe	LV
Pymetrozine	123312-89-0	Pesticide	Norway	Europe	XXXIX
Pyrazophos	13457-18-6	Pesticide	European Union	Europe	XIII
Pyrazophos	13457-18-6	Pesticide	Türkiye	Europe	LIII
Pyrinuron	53558-25-1	Pesticide	Thailand	Asia	XX
Quinalphos	13593-03-8	Pesticide	Malaysia	Asia	XLIV
Quinoxifen	124495-18-7	Pesticide	European Union	Europe	LV
Quintozene	82-68-8	Pesticide	European Union	Europe	XV
Quintozene	82-68-8	Pesticide	Romania	Europe	XX
Quintozene	82-68-8	Pesticide	Switzerland	Europe	XX
Quintozene	82-68-8	Pesticide	Türkiye	Europe	LIII
Schradan	152-16-9	Pesticide & Industrial	Japan	Asia	XX
Schradan	152-16-9	Pesticide	Thailand	Asia	XIV
Simazine	122-34-9	Pesticide	European Union	Europe	XXI
Simazine	122-34-9	Pesticide	Norway	Europe	XIII
Simazine	122-34-9	Pesticide	Türkiye	Europe	LIII
Sodium arsenite	7784-46-5	Pesticide	Netherlands	Europe	XIV
Sodium fluoroacetate	62-74-8	Pesticide	Cuba	Latin America and the Caribbean	XXVIII
Sodium trichloroacetate	650-51-1	Pesticide	Netherlands	Europe	XIV
Sulfosulfurone	141776-32-1	Pesticide	Norway	Europe	XV
Sulfotep	3689-24-5	Pesticide	Thailand	Asia	XIV
Tar acids, coal, crude	65996-85-2	Industrial	Latvia	Europe	XX
Tecnazene	117-18-0	Pesticide	European Union	Europe	XV
Tepraloxymid	149979-41-9	Pesticide	European Union	Europe	LVI
Terbufos	13071-79-9	Pesticide	Mozambique	Africa	LI
Terbufos	13071-79-9	Pesticide	Canada	North America	LIII
Tetraethyl pyrophosphate (TEPP)	107-49-3	Pesticide & Industrial	Japan	Asia	XX
Tetrachlorobenzene	12408-10-5, 84713-12-2, 634-66-2, 634-90-2, 95-94-3	Industrial	Canada	North America	XXVIII
Thallium acetate	563-68-8	Industrial	Republic of Korea	Asia	XX
Thallium nitrate	10102-45-1	Industrial	Republic of Korea	Asia	XX
Thallium sulphate	7446-18-6	Industrial	Republic of Korea	Asia	XX
Thallium sulphate	7446-18-6	Pesticide	Thailand	Asia	XX
Thiabendazole	148-79-8	Pesticide	Norway	Europe	XIII
Thiamethoxam	153719-23-4	Pesticide	European Union	Europe	LVI
Thiobencarb	28249-77-6	Pesticide	Türkiye	Europe	LIII
Thiocyclam hydrogen oxalate	31895-22-4	Pesticide	Türkiye	Europe	LIII
Thiodicarb	59669-26-0	Pesticide	Mozambique	Africa	LI
Thiodicarb	59669-26-0	Pesticide	European Union	Europe	XXVII
Thiodicarb	59669-26-0	Pesticide	Türkiye	Europe	LIII
Thiram	137-26-8	Pesticide	European Union	Europe	LVI



Chemical name	CAS No.	Category	Party	Region	PIC Circular
Triasulfuron	82097-50-5	Pesticide	European Union	Europe	LI
Triazophos	24017-47-8	Pesticide	Cabo Verde	Africa	XLI
Triazophos	24017-47-8	Pesticide	Chad	Africa	XLI
Triazophos	24017-47-8	Pesticide	Gambia	Africa	XLI
Triazophos	24017-47-8	Pesticide	Malaysia	Asia	XLIV
Triazophos	24017-47-8	Pesticide	Mauritania	Africa	XLI
Triazophos	24017-47-8	Pesticide	Niger	Africa	XLI
Triazophos	24017-47-8	Pesticide	Senegal	Africa	XLI
Triazophos	24017-47-8	Pesticide	Togo	Africa	XLI
Triazophos	24017-47-8	Pesticide	Türkiye	Europe	LIII
Tribufos	78-48-8	Pesticide	Australia	Southwest Pacific	XIII
Tributyl tetradecyl phosphonium chloride	81741-28-8	Industrial	Canada	North America	XIII
Triclosan	3380-34-5	Pesticide	European Union	Europe	LI
Tricyclazole	41814-78-2	Pesticide	European Union	Europe	LI
Tridemorph	24602-86-6	Pesticide	Türkiye	Europe	LIII
Trifluralin	1582-09-8	Pesticide	European Union	Europe	XXXVI
Trifluralin	1582-09-8	Pesticide	Türkiye	Europe	LIII
Tris-(1-aziridinyl)phosphine oxide	545-55-1	Industrial	Latvia	Europe	XX
Tris-(1-aziridinyl)phosphine oxide	545-55-1	Industrial	Switzerland	Europe	XXIII
Tris(2-chloroethyl) phosphate	115-96-8	Industrial	European Union	Europe	LII
Tris(2,3 dibromopropyl) phosphate	126-72-7	Pesticide	Indonesia	Asia	LIII
Vinclozolin	50471-44-8	Pesticide	Norway	Europe	XIII
Vinclozolin	50471-44-8	Pesticide	Jordan	Near East	XVIII
Vinclozolin	50471-44-8	Pesticide	Türkiye	Europe	LIII
Zinc phosphide	1314-84-7	Pesticide	Mozambique	Africa	LV
Zineb	12122-67-7	Pesticide	Ecuador	Latin America and the Caribbean	XX
Zineb	12122-67-7	Pesticide	Türkiye	Europe	LIII

\* The chemical is listed in Annex III under this category.

\*\* The chemical is listed in Annex III under this CAS number.

**Notifications of final regulatory action for chemicals not listed in Annex III****PART B****NOTIFICATIONS OF FINAL REGULATORY ACTION FOR CHEMICALS NOT LISTED IN ANNEX III AND VERIFIED AS NOT CONTAINING ALL THE INFORMATION REQUIRED BY ANNEX I TO THE CONVENTION**

Chemical name	CAS No.	Category	Party	Region	PIC Circular
1,2-Dichloropropane	78-87-5	Pesticide	Saudi Arabia	Near East	XXXII
1,4-Dichlorobenzene	106-46-7	Pesticide	Israel	Europe	XXXV
(Dibromochloropropane) 1,2-Dibromo-3-chloropropane	96-12-8	Pesticide	Maldives	Asia	LIV
1-Bromo-2-chloroethane	107-04-0	Pesticide	Saudi Arabia	Near East	XXXII
1,1,2,2-tetra chloroethane	79-34-5	Pesticide	Maldives	Asia	LIV
2,3-Dichlorophenol	576-24-9	Pesticide	Indonesia	Asia	LVI
2,4-Dichlorophenol	120-83-2	Pesticide	Indonesia	Asia	LVI
2,5-Dichlorophenol	583-78-8	Pesticide	Indonesia	Asia	LVI
2-(2,4,5-Trichlorephenoxy)ethyl 2,2-dichloropropanoate	136-25-4	Pesticide	Saudi Arabia	Near East	XXXVII
2,4,5-TP (Silvex; Fenoprop)	93-72-1	Pesticide	Saudi Arabia	Near East	XXXII
2,4,5-Trichlorophenol	95-95-4	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
2,4,5-Trichlorophenol	95-95-4	Pesticide	Indonesia	Asia	LVI
2,4,6-Trichlorophenol	88-06-2	Pesticide	Indonesia	Asia	LVI
Acephate	30560-19-1	Pesticide	Oman	Near East	XXXIX
Acetate	7784-40-9	Pesticide	China	Asia	LV
Acetochlor	34256-82-1	Pesticide	Maldives	Asia	LIV
Acrolein	107-02-8	Pesticide	Saudi Arabia	Near East	XXXII
Acrylonitrile	107-13-1	Pesticide	Saudi Arabia	Near East	XXXVII
Amitraz	33089-61-1	Pesticide	Oman	Near East	XXXIX
Amitrole	61-82-5	Pesticide	Oman	Near East	XXXIX
Amitrole	61-82-5	Pesticide	Saudi Arabia	Near East	XXXVII
Arsenic	1327-53-3	Pesticide	China	Asia	LV
Atrazine	1912-24-9	Pesticide	Oman	Near East	XXXIX
Azinphos-ethyl	2642-71-9	Pesticide	Saudi Arabia	Near East	XXXVII
Bendiocarb	22781-23-3	Pesticide	Saudi Arabia	Near East	XXXVII
Benfuracarb	82560-54-1	Pesticide	Maldives	Asia	LIV
Benomyl	17804-35-2	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
Benomyl	17804-35-2	Pesticide	Oman	Near East	XXXIX
Benomyl	17804-35-2	Pesticide	Saudi Arabia	Near East	XXXVIII
Bifenthrin	82657-04-3	Pesticide	Oman	Near East	XXXIX
Bromadiolone	28772-56-7	Pesticide	Oman	Near East	XXXIX
Bromadiolone	28772-56-7	Pesticide	Saudi Arabia	Near East	XXXVIII
Bromofos-ethyl	4824-78-6	Pesticide	Oman	Near East	XXXIX
Bromofos-ethyl	4824-78-6	Pesticide	Saudi Arabia	Near East	XXXVII
Bromophos-ethyl ( <i>O</i> -(4-Bromo-2-chlorophenyl) <i>O,O</i> -diethyl phosphorothioate)	4824-78-6	Pesticide	Indonesia	Asia	XLI
Cadmium	7440-43-9	Pesticide	Thailand	Asia	XX
Cadusafos	95465-99-9	Pesticide	Maldives	Asia	LIV
Cadusafos	95465-99-9	Pesticide	Oman	Near East	XXXIX
Calcium arsenate	7778-44-1	Pesticide	Maldives	Asia	LIV
Calcium cyanide	592-01-8	Pesticide	Saudi Arabia	Near East	XXXVII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Captan	133-06-2	Pesticide	Oman	Near East	XXXIX
Captan	133-06-2	Pesticide	Saudi Arabia	Near East	XXVII
Carbaryl	63-25-2	Pesticide	El Salvador	Latin America and the Caribbean	XXVII
Carbaryl	63-25-2	Pesticide	Saudi Arabia	Near East	XXXVIII
Carbosulfan	55285-14-8	Pesticide	Maldives	Asia	LIV
Chloranil	118-75-2	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Chloranil	118-75-2	Pesticide	Saudi Arabia	Near East	XXXII
Chlordecone	143-50-0	Pesticide	Maldives	Asia	LIV
Chlordecone	143-50-0	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Chlordecone	143-50-0	Pesticide	Saudi Arabia	Near East	XXXII
Chlorfenvinphos	470-90-6	Pesticide	Maldives	Asia	LIV
Chlormephos	24934-91-6	Pesticide	Oman	Near East	XXXIX
Chlormephos	24934-91-6	Pesticide	Saudi Arabia	Near East	XXVII
Chlornitrofen	1836-77-7	Pesticide	Japan	Asia	XX
Chloropicrin	76-06-2	Pesticide	Oman	Near East	XXXIX
Chloropicrin	76-06-2	Pesticide	Saudi Arabia	Near East	XXVII
Chlorothalonil	1897-45-6	Pesticide	Saudi Arabia	Near East	XXXVIII
Chlorpyrifos	2921-88-2	Pesticide	Maldives	Asia	LIV
Chlorpyrifos	2921-88-2	Pesticide	Saudi Arabia	Near East	XXXVIII
Chlorthiophos	60238-56-4	Pesticide	Saudi Arabia	Near East	XXVII
Chrysotile asbestos	12001-29-5	Industrial	El Salvador	Latin America and the Caribbean	XXVII
Copper arsenate hydroxide	16102-92-4	Pesticide	Thailand	Asia	XX
Cyanazine	21725-46-2	Pesticide	Oman	Near East	XXXIX
Cyanophos	2636-26-2	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Cycloheximide	66-81-9	Pesticide	Saudi Arabia	Near East	XXVII
Cyhexatin	13121-70-5	Pesticide	Indonesia	Asia	LVI
Cyhexatin	13121-70-5	Pesticide	Maldives	Asia	LIV
Cyhexatin	13121-70-5	Pesticide	Saudi Arabia	Near East	XXXII
Daminozide	1596-84-5	Pesticide	Saudi Arabia	Near East	XXXII
DDD	72-54-8	Pesticide	Saudi Arabia	Near East	XXVII
Demeton-S-methyl	919-86-8	Pesticide	Maldives	Asia	LIV
Demeton-S-methyl	919-86-8	Pesticide	Oman	Near East	XXXIX
Demeton-S-methyl	919-86-8	Pesticide	Saudi Arabia	Near East	XXXVIII
Dialifos	10311-84-9	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Dibromochloropropane	96-12-8	Pesticide	China	Asia	LV
Dibromochloropropane (DBCP)	96-12-8	Pesticide	Indonesia	Asia	LVI
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Saudi Arabia	Near East	XXVII
Dichlorvos	62-73-7	Pesticide	Maldives	Asia	LIV
Dichlorvos	62-73-7	Pesticide	Saudi Arabia	Near East	XXVII
Dichlormid	37764-25-3	Pesticide	Maldives	Asia	LIV
Diclofop-methyl	51338-27-3	Pesticide	Saudi Arabia	Near East	XXXII
Dicofol	115-32-2	Pesticide	Oman	Near East	XXXIX
Dicofol	115-32-2	Pesticide	Saudi Arabia	Near East	XXXVIII
Dicrotophos	141-66-2	Pesticide	Maldives	Asia	LIV
Dicrotophos	141-66-2	Pesticide	Oman	Near East	XXXIX
Dicrotophos	141-66-2	Pesticide	Saudi Arabia	Near East	XXVII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Diflubenzuron	35367-38-5	Pesticide	Oman	Near East	XXXIX
Dimefox	115-26-4	Pesticide	Oman	Near East	XXXIX
Dimefox	115-26-4	Pesticide	Saudi Arabia	Near East	XXVII
Dimethoate	60-51-5	Pesticide	Saudi Arabia	Near East	XXXVIII
Dimethylarsinic acid	75-60-5	Pesticide	Israel	Europe	XXXV
Dinitramine	29091-05-2	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Dinitramine	29091-05-2	Pesticide	Saudi Arabia	Near East	XXVII
Disulfoton	298-04-4	Pesticide	Maldives	Asia	LIV
Disulfoton	298-04-4	Pesticide	Oman	Near East	XXXIX
Disulfoton	298-04-4	Pesticide	Saudi Arabia	Near East	XXVII
Endrin	72-20-8	Pesticide	Maldives	Asia	LIV
Endrin	72-20-8	Pesticide	Nepal	Asia	XLII
Endrin	72-20-8	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Endrin	72-20-8	Pesticide	Saudi Arabia	Near East	XXVII
EPN	2104-64-5	Pesticide	Saudi Arabia	Near East	XXVII
Erbon	136-25-4	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Erbon	136-25-4	Pesticide	Saudi Arabia	Near East	XXXII
Ethephon	16672-87-0	Pesticide	Saudi Arabia	Near East	XXVII
Ethoprophos	13194-48-4	Pesticide	Oman	Near East	XXXIX
Ethoprophos	13194-48-4	Pesticide	Saudi Arabia	Near East	XXXVIII
Ethylan	72-56-0	Pesticide	Saudi Arabia	Near East	XXVII
Ethylmercury chloride	107-27-7	Pesticide	Armenia	Europe	XII
Ethyl <i>p</i> -nitrophenyl benzenethiophosphonate (EPN)	2104-64-5	Pesticide	Indonesia	Asia	XLI
Fenamiphos	22224-92-6	Pesticide	Oman	Near East	XXXIX
Fenamiphos	22224-92-6	Pesticide	Saudi Arabia	Near East	XXVII
Fensulfothion	115-90-2	Pesticide	Maldives	Asia	LIV
Fensulfothion	115-90-2	Pesticide	Saudi Arabia	Near East	XXVII
Fenthion	55-38-9	Pesticide	Maldives	Asia	LIV
Fenthion	55-38-9	Pesticide	Oman	Near East	XXXIX
Fipronil	120068-37-3	Pesticide	Oman	Near East	XXXIX
Flucythrinate	70124-77-5	Pesticide	Oman	Near East	XXXIX
Fluorine	7782-41-4	Pesticide	Saudi Arabia	Near East	XXVII
Folpet	133-07-3	Pesticide	Saudi Arabia	Near East	XXVII
Fonofos	944-22-9	Pesticide	Maldives	Asia	LIV
Fonofos	944-22-9	Pesticide	Oman	Near East	XXXIX
Fonofos	944-22-9	Pesticide	Saudi Arabia	Near East	XXVII
Formothion	2540-82-1	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Fosthietan	21548-32-3	Pesticide	Oman	Near East	XXXIX
Fosthietan	21548-32-3	Pesticide	Saudi Arabia	Near East	XXVII
Gliflor	865-71-2	Pesticide	China	Asia	LV
Granosan-M	2235-25-8	Pesticide	Armenia	Europe	XII
Hexaethyl tetra phosphate	757-58-4	Pesticide	Saudi Arabia	Near East	XXVII
Hydrogen cyanide	74-90-8	Pesticide	Saudi Arabia	Near East	XXVII
Lead arsenate	7784-40-9	Pesticide	Togo	Africa	XLII
Lead arsenate	7784-40-9	Pesticide	Thailand	Asia	XX
Leptophos	21609-90-5	Pesticide	Saudi Arabia	Near East	XXVII
Linuron	330-55-2	Pesticide	Oman	Near East	XXXIX
Mancozeb	8018-01-7	Pesticide	Saudi Arabia	Near East	XXXVIII
Mephosfolan	950-10-7	Pesticide	Maldives	Asia	LIV
Mephosfolan	950-10-7	Pesticide	Oman	Near East	XXXIX

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Mephosfolan	950-10-7	Pesticide	Saudi Arabia	Near East	XXVII
Metham sodium	137-42-8	Pesticide	Saudi Arabia	Near East	XXVII
Methidathion	950-37-8	Pesticide	Maldives	Asia	LIV
Methidathion	950-37-8	Pesticide	Oman	Near East	XXXIX
Methiocarb	2032-65-7	Pesticide	Saudi Arabia	Near East	XXXVIII
Methomyl	16752-77-5	Pesticide	Maldives	Asia	LIV
Methomyl	16752-77-5	Pesticide	Saudi Arabia	Near East	XXXVIII
Methoxychlor	72-43-5	Pesticide	Oman	Near East	XXXIX
Methoxychlor	72-43-5	Pesticide	Saudi Arabia	Near East	XXXVIII
Methyl bromide	74-83-9	Pesticide	Maldives	Asia	LIV
Methyl parathion	298-00-0	Pesticide	Cameroon	Africa	XVIII
Methyl parathion	298-00-0	Pesticide	Peru	Latin America and the Caribbean	XLVIII
Mevinphos	7786-34-7	Pesticide	Maldives	Asia	LIV
Mevinphos	7786-34-7	Pesticide	Oman	Near East	XXXIX
Mevinphos	7786-34-7	Pesticide	Saudi Arabia	Near East	XXVII
MGK Repellent 11	126-15-8	Pesticide	Thailand	Asia	XX
Mirex	2385-85-5	Pesticide	Nepal	Asia	XLII
Mirex	2385-85-5	Pesticide	El Salvador	Latin America and the Caribbean	XXVII
Mirex	2385-85-5	Pesticide	Maldives	Asia	LIV
Mirex	2385-85-5	Pesticide	Mexico	Latin America and the Caribbean	XXXVIII
Mirex	2385-85-5	Pesticide	Peru	Latin America and the Caribbean	XXXVI
Mirex	2385-85-5	Pesticide	Saudi Arabia	Near East	XXVII
Monuron	150-68-5	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
N,N'-Methylene bis-(2-amino-1,3,4-thiadiazole)	26907-37-9	Pesticide	China	Asia	LV
Naled	300-76-5	Pesticide	Maldives	Asia	LIV
Nicotine	54-11-5	Pesticide	Oman	Near East	XXXIX
Nitrofen	1836-75-5	Pesticide	Maldives	Asia	LIV
Nitrofen	1836-75-5	Pesticide	China	Asia	LV
Nitrofen	1836-75-5	Pesticide	Mexico	Latin America and the Caribbean	XXXVIII
Oxydemeton-methyl	301-12-2	Pesticide	Oman	Near East	XXXIX
Oxydemeton-methyl	301-12-2	Pesticide	Saudi Arabia	Near East	XXXVIII
Paraquat	4685-14-7	Pesticide	Maldives	Asia	LIV
Paraquat	4685-14-7	Pesticide	Saudi Arabia	Near East	XXVII
Paraquat dichloride	1910-42-5	Pesticide	Oman	Near East	XXXIX
Phenylmercury acetate	62-38-4	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Phosfolan	947-02-4	Pesticide	Saudi Arabia	Near East	XXVII
Phosphamidon	13171-21-6	Pesticide	Peru	Latin America and the Caribbean	XLVIII
Phosphonic diamide, <i>p</i> -(5-amino-3-phenyl-1 <i>H</i> -1,2,4-triazol-1-yl)- <i>N,N,N',N'</i> -tetramethyl-	1031-47-6	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Polychloroterpenes	8001-50-1	Pesticide	Saudi Arabia	Near East	XXVII
Polyoxyethylene alkylphenol ether	9016-45-9, 26027-38-3, 9002-93-1, 9036-19-5 (list is not exhaustive)	Industrial	China	Asia	LII

Chemical name	CAS No.	Category	Party	Region	PIC Circular
Propargite	2312-35-8	Pesticide	Maldives	Asia	LIV
Propargite	2312-35-8	Pesticide	Saudi Arabia	Near East	XXXVIII
Propoxur	114-26-1	Pesticide	Saudi Arabia	Near East	XXXVIII
Prothoate	2275-18-5	Pesticide	Saudi Arabia	Near East	XXVII
Quintozene	82-68-8	Pesticide	Japan	Asia	XX
Quintozene	82-68-8	Pesticide	Saudi Arabia	Near East	XXXVIII
Quintozene	82-68-8	Pesticide	Oman	Near East	XXXIX
Safrole	94-59-7	Pesticide	Thailand	Asia	XX
Schradan	152-16-9	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Schradan	152-16-9	Pesticide	Saudi Arabia	Near East	XXVII
Silatrane	29025-67-0	Pesticide	China	Asia	LV
Simazine	122-34-9	Pesticide	Oman	Near East	XXXIX
Simazine	122-34-9	Pesticide	Saudi Arabia	Near East	XXXVIII
Sodium arsenite	7784-46-5	Pesticide	Maldives	Asia	LIV
Sodium cyanide	143-33-9	Pesticide	Saudi Arabia	Near East	XXVII
Sodium dimethylarsinate	124-65-2	Pesticide	Israel	Europe	XXXV
Sodium fluoroacetate	62-74-8	Pesticide	China	Asia	LV
Sodium fluoroacetate	62-74-8	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Sodium fluoroacetate	62-74-8	Pesticide	Saudi Arabia	Near East	XXVII
Sulfotep	3689-24-5	Pesticide	Maldives	Asia	LIV
Tefluthrin	79538-32-2	Pesticide	Oman	Near East	XXXIX
TEPP	107-49-3	Pesticide	Saudi Arabia	Near East	XXVII
Terbufos	13071-79-9	Pesticide	Maldives	Asia	LIV
Terbufos	13071-79-9	Pesticide	Saudi Arabia	Near East	XXVII
Tetradifon	116-29-0	Pesticide	Saudi Arabia	Near East	XXXVIII
Tetramine	80-12-6	Pesticide	China	Asia	LV
Thallium sulphate	7446-18-6	Pesticide	Maldives	Asia	LIV
Thallium sulphate	7446-18-6	Pesticide	Saudi Arabia	Near East	XXVII
Thionazin	297-97-2	Pesticide	Saudi Arabia	Near East	XXVII
Thiram	137-26-8	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
Triazophos	24017-47-8	Pesticide	Maldives	Asia	LIV
Zineb	12122-67-7	Pesticide	Oman	Near East	XXXIX
Zineb	12122-67-7	Pesticide	Saudi Arabia	Near East	XXXVIII

**APPENDIX VI****INFORMATION EXCHANGE ON CHEMICALS RECOMMENDED BY THE  
CHEMICAL REVIEW COMMITTEE FOR LISTING IN ANNEX III BUT FOR  
WHICH THE CONFERENCE OF THE PARTIES HAS YET TO TAKE A FINAL  
DECISION**

In line with decisions<sup>20</sup> RC-3/3, RC-4/4, RC-6/8, RC-8/6, RC-8/7, RC-9/5 and paragraph 1 of Article 14, Appendix VI has been prepared to facilitate information exchange on chemicals that have been recommended for listing in Annex III to the Convention by the Chemical Review Committee but for which the Conference of the Parties has yet to take a final decision.

This appendix consists of two parts:

**Part A** provides a reference to the information that has been submitted by Parties on their decisions concerning the management of these chemicals.

**Part B** is a list of decisions on the import of these chemicals submitted by Parties. These import decisions are circulated for information only and do not constitute part of the legally binding PIC procedure.

Further information on these chemicals is available on the Convention website,<sup>21</sup> including the notifications of final regulatory action and supporting documentation made available to the Chemical Review Committee and the draft decision guidance documents.

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<sup>20</sup> [www.pic.int/tabid/1728/language/en-US/Default.aspx](http://www.pic.int/tabid/1728/language/en-US/Default.aspx)

<sup>21</sup> [www.pic.int/tabid/1185/language/en-US/Default.aspx](http://www.pic.int/tabid/1185/language/en-US/Default.aspx)

**PART A****DECISIONS CONCERNING THE MANAGEMENT OF THE CHEMICALS  
RECOMMENDED BY THE CHEMICAL REVIEW COMMITTEE FOR LISTING IN  
ANNEX III BUT FOR WHICH THE CONFERENCE OF THE PARTIES HAS YET  
TO TAKE A FINAL DECISION**

The information on decisions by Parties concerning the management of the chemicals recommended by the Chemical Review Committee for listing in Annex III, for which the Conference of the Parties has not yet taken a final decision, can be found in the following webpages of the RC website [www.pic.int](http://www.pic.int):

- The Convention/Chemicals/Recommended for listing; and
- Countries/Country profiles, “Submissions” tab section of the respective Country profile, as indicated in the following tables.

<b>Acetochlor (CAS No. 34256-82-1)</b>		
<b>PIC REGION: PARTY</b>	<b>CATEGORY</b>	<b>INFORMATION ON REGULATORY AND MANAGEMENT DECISIONS</b>
<b>Africa:</b> Burkina Faso, Cabo Verde, Chad, Gambia, Guinea-Bissau, Mali, Mauritania, Niger, Senegal, Togo	Pesticide	<b>Chemical webpage:</b> <a href="http://www.pic.int/tabid/7596/language/en-US/Default.aspx">http://www.pic.int/tabid/7596/language/en-US/Default.aspx</a> <b>Country profiles:</b> <a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>
<b>Europe:</b> Bosnia and Herzegovina, European Union, Serbia, Türkiye	Pesticide	<a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>

<b>Carbosulfan (CAS No. 55285-14-8)</b>		
<b>PIC REGION: PARTY</b>	<b>CATEGORY</b>	<b>INFORMATION ON REGULATORY AND MANAGEMENT DECISIONS</b>
<b>Africa:</b> Burkina Faso, Cabo Verde, Chad, Gambia, Mauritania, Niger, Senegal, Togo	Pesticide	<b>Chemical webpage:</b> <a href="http://www.pic.int/tabid/5393/language/en-US/Default.aspx">http://www.pic.int/tabid/5393/language/en-US/Default.aspx</a> <b>Country profiles:</b> <a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>
<b>Europe:</b> Bosnia and Herzegovina, European Union, Serbia, Türkiye	Pesticide	<a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>

<b>Fenthion (ultra-low volume (ULV) formulations at or above 640 g active ingredient/L) (CAS No. 55-38-9)</b>		
<b>PIC REGION: PARTY</b>	<b>CATEGORY</b>	<b>INFORMATION ON REGULATORY AND MANAGEMENT DECISIONS</b>
<b>Africa:</b> Chad	Severely hazardous pesticide formulation	<b>Chemical webpage:</b> <a href="http://www.pic.int/tabid/4339/language/en-US/Default.aspx">http://www.pic.int/tabid/4339/language/en-US/Default.aspx</a> <b>Country profile:</b> <a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>



<b>Liquid formulations (emulsifiable concentrate and soluble concentrate) containing paraquat dichloride at or above 276 g/L, corresponding to paraquat ion at or above 200 g/L (CAS No. 1910-42-5)</b>		
<b>PIC REGION: PARTY</b>	<b>CATEGORY</b>	<b>INFORMATION ON REGULATORY AND MANAGEMENT DECISIONS</b>
<b>Africa:</b> Burkina Faso	Severely hazardous pesticide formulation	<b>Chemical webpage:</b> <a href="http://www.pic.int/tabid/2396/language/en-US/Default.aspx">http://www.pic.int/tabid/2396/language/en-US/Default.aspx</a> <b>Country profiles:</b> <a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>

<b>Chrysotile asbestos (CAS No. 12001-29-5)</b>		
<b>PIC REGION: PARTY</b>	<b>CATEGORY</b>	<b>INFORMATION ON REGULATORY AND MANAGEMENT DECISIONS</b>
<b>Africa:</b> South Africa	Industrial	<b>Chemical webpage:</b> <a href="http://www.pic.int/tabid/1186/language/en-US/Default.aspx">http://www.pic.int/tabid/1186/language/en-US/Default.aspx</a> <b>Country profiles:</b> <a href="http://www.pic.int/tabid/1087/language/en-US/Default.aspx">http://www.pic.int/tabid/1087/language/en-US/Default.aspx</a>
<b>Asia:</b> Iran (Islamic Republic of), Japan	Industrial	
<b>Europe:</b> Bulgaria, Latvia, European Union, Switzerland, Türkiye	Industrial	
<b>Latin America and the Caribbean:</b> Chile, El Salvador	Industrial	
<b>North America:</b> Canada	Industrial	
<b>Southwest Pacific:</b> Australia	Industrial	

**PART B****IMPORT DECISIONS ON THE CHEMICALS RECOMMENDED BY THE CHEMICAL REVIEW COMMITTEE FOR LISTING IN ANNEX III BUT FOR WHICH THE CONFERENCE OF THE PARTIES HAS YET TO TAKE A FINAL DECISION**

<b>Chrysotile asbestos (CAS No. 12001-29-5)</b>		
<b>PARTY</b>	<b>IMPORT DECISION</b>	<b>DATE RECEIVED</b>
Canada	<p><u>Consent to import only subject to specified conditions:</u> The <i>Prohibition of Asbestos and Products Containing Asbestos Regulations</i> do not prohibit the:</p> <ul style="list-style-type: none"> <li>• Import and use of asbestos in the chlor-alkali industry (until December 31, 2029);</li> <li>• Import, sale and use of products containing asbestos to service equipment in nuclear facilities if no technically or economically feasible asbestos-free alternative is available (until December 31, 2022);</li> <li>• Import, sale and use of products containing asbestos to service military equipment if no technically or economically feasible asbestos-free alternative is available (until December 31, 2022);</li> <li>• Import, sale and use, under the authority of a permit, of products containing asbestos to service military equipment or equipment of a nuclear facility if there was no technically or economically feasible asbestos-free alternative available at the time the permit application was submitted (after December 31, 2022);</li> <li>• Import, sale and use of military equipment serviced with a product containing asbestos while it was outside of Canada for the purpose of a military operation if no technically or economically feasible asbestos-free alternative is available;</li> <li>• Import, sale and use of asbestos and products containing asbestos for the purpose of display in a museum;</li> <li>• Import, sale and use of asbestos and products containing asbestos for scientific research, for sample characterization or as an analytical standard in a laboratory;</li> <li>• Transfer of physical possession or control of asbestos or a product containing asbestos to allow its disposal; and</li> <li>• Import, use and sale, under the authority of a permit, of asbestos and products containing asbestos to protect the environment or human health if there was no technically or economically feasible asbestos-free alternative available at the time the permit application was submitted.</li> </ul> <p><u>Administrative measure:</u> <i>Prohibition of Asbestos and Products Containing Asbestos Regulations</i>. P.C. 2018-1210, 28 September, 2018, SOR/2018-196, Canada Gazette, Part 11, vol. 152, no. 21, p.3405, October 17, 2018. <a href="http://gazette.gc.ca/rp-pr/p2/2018/2018-10-17/html/sor-dors196-eng.html">http://gazette.gc.ca/rp-pr/p2/2018/2018-10-17/html/sor-dors196-eng.html</a></p> <p>The above named regulations prohibit the import, sale and use of asbestos, as well as the manufacture, import, sale and use of products</p>	25 April 2019

<b>Chrysotile asbestos (CAS No. 12001-29-5)</b>		
<b>PARTY</b>	<b>IMPORT DECISION</b>	<b>DATE RECEIVED</b>
	<p>containing asbestos, with a limited number of exclusions, see "Other remarks" section.</p> <p><u>Other remarks:</u></p> <p>In addition to the exclusions mentioned above, the <i>Prohibition of Asbestos and Products Containing Asbestos Regulations</i> (the Regulations) do not apply to:</p> <ul style="list-style-type: none"> <li>• Asbestos or a product containing asbestos that is in transit through Canada, from a place outside Canada to another place outside Canada.</li> <li>• Asbestos that is integrated into a structure or infrastructure if the integration occurred before the day on which these Regulations came into force (December 30, 2018).</li> <li>• A product containing asbestos used before the day on which these Regulations came into force (December 30, 2018).</li> <li>• Pest control products (as defined in subsection 2(1) of the <i>Pest Control Products Act</i>), as pest control products are regulated under this Act.</li> </ul> <p>The Regulations do not apply to mining residues except for the following activities, which are prohibited:</p> <ul style="list-style-type: none"> <li>• The sale of asbestos mining residues for use in construction and landscaping, unless the use is authorized by the province in which the construction or landscaping occurs; and</li> </ul> <p>The use of asbestos mining residues to manufacture a product that contains asbestos.</p>	
European Union	<p><u>Consent to import only subject to specified conditions:</u></p> <p>The manufacture, placing on the market and use of chrysotile asbestos fibres and of articles containing these fibres added intentionally is prohibited. However, Member States may exempt the placing on the market and use of diaphragms containing chrysotile for existing electrolysis installations until they reach the end of their service life, or until suitable asbestos-free substitutes become available, whichever is the sooner. By 1 June 2011 Member States making use of this exemption shall provide a report to the Commission. The Commission shall ask the European Chemicals agency to prepare a dossier with a view to prohibit the placing on the market and use of diaphragms containing chrysotile.</p> <p><u>Administrative measure:</u></p> <p>The chemical was prohibited (with the one limited derogation referred to section 5.3 above) by Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Communities (OJ) L396 of 30 December 2006, p. 1) as amended by Commission Regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (OJ L 164 of 22 June 2009, p. 7).</p>	6 October 2009

<b>Liquid formulations (emulsifiable concentrate and soluble concentrate) containing paraquat dichloride at or above 276 g/L, corresponding to paraquat ion at or above 200 g/L (CAS No. 1910-42-5)</b>		
<b>PARTY</b>	<b>IMPORT DECISION</b>	<b>DATE RECEIVED</b>
Qatar	<p><u>No consent to import</u></p> <p><u>Administrative measure:</u></p> <p>(*) Ministry of Environment to perform all the tasks and actions to protect the environment in the country, According to the law No. 30 of 2002 Article (26). Prohibiting the import or handling or transport of hazardous materials, without authorization from the competent administrative authority, and article (29) or law No. 30 of 2002 Provides (spray or prohibited the use of pesticides or other chemical compounds for agriculture, public health or other purposes but after taking into account the requirements and checks and balances defined by the regulations, to ensure that human, animal or plant or watercourses or other components of the environment directly or indirectly on the spot or future adverse impacts of pesticides or chemical compounds (*)Law No. 24 of 2010 Promulgating the Law (Regulation) of Pesticides in the States of the Cooperation Council for the Arab State of the Gulf.</p>	2 November 2015

<b>Fenthion (ultra-low volume (ULV) formulations at or above 640 g active ingredient/L) (CAS No. 55-38-9 )</b>		
<b>PARTY</b>	<b>IMPORT DECISION</b>	<b>DATE RECEIVED</b>
Nigeria	<p><u>No consent to import</u></p> <p><u>Administrative measure:</u></p> <p>The final decision is based on resolutions of the national committee on chemicals management (NCCM), a body charged with the responsibilities of promoting and co-ordinated, continuous and cost efficient approach to chemicals safety and management across all sectors necessary to protect the environment, human and animal health in Nigeria.</p>	5 February 2020

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