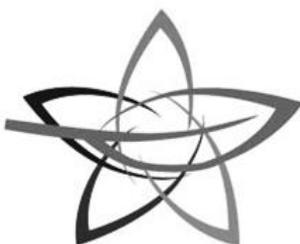




**Food and Agriculture
Organization of the
United Nations**



PIC CIRCULAR XLVIII (48) – December 2018



ROTTERDAM CONVENTION

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

PIC CIRCULAR XLVIII (48) – December 2018

Table of Contents

INTRODUCTION

1.	THE PURPOSE OF THE PIC CIRCULAR	1
2.	IMPLEMENTATION OF THE ROTTERDAM CONVENTION.....	1
2.1	Designated national authorities.....	1
2.2	Notifications of final regulatory action.....	1
2.3	Proposals for the listing of severely hazardous pesticide formulations	2
2.4	Chemicals subject to the PIC procedure	2
2.5	Information exchange on exports and export notifications	3
2.6	Information to accompany exported chemicals.....	3
2.7	Information on responses concerning import of chemicals listed in Annex III to the Convention	3
2.8	Information on chemicals for which the Conference of the Parties has yet to take a final decision.....	4
2.9	Information on transit movements	4
3.	ADDITIONAL INFORMATION	4
3.1	Information on the status of ratification of the Rotterdam Convention	4
3.2	Documents relevant to the implementation of the Rotterdam Convention.....	4
3.3	Resource Kit of information on the Rotterdam Convention	5

APPENDIX I

SYNOPSIS OF NOTIFICATIONS OF FINAL REGULATORY ACTION RECEIVED SINCE THE LAST PIC CIRCULAR.....	6
--	---

APPENDIX II

PROPOSALS FOR INCLUSION OF SEVERELY HAZARDOUS PESTICIDE FORMULATIONS IN THE PIC PROCEDURE	20
---	----

APPENDIX III

CHEMICALS SUBJECT TO THE PIC PROCEDURE	21
--	----

APPENDIX IV

LISTING OF ALL IMPORT RESPONSES RECEIVED FROM PARTIES AND CASES OF FAILURE TO SUBMIT RESPONSES	25
--	----

APPENDIX V

NOTIFICATIONS OF FINAL REGULATORY ACTION FOR CHEMICALS NOT LISTED IN ANNEX III.....	28
---	----

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	47
--	----

INTRODUCTION

1. THE PURPOSE OF THE PIC CIRCULAR

The Rotterdam Convention on the Prior Informed Consent Procedure (PIC) for Certain Hazardous Chemicals 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 2018 to 31 October 2018**. Information received after 31 October 2018 will be included in the next PIC Circular.

Designated national authorities are requested to review the information relating 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.¹

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 2018).

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.²

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 1999.³ 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

¹ <http://www.pic.int/tabid/3282/Default.aspx>.

² <http://www.pic.int/tabid/1368/language/en-US/Default.aspx>.

³ <http://www.pic.int/tabid/1168/language/en-US/Default.aspx>.

notifications submitted under the original PIC procedure,⁴ 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.⁵

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.⁶

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 ninth meeting of the Conference of the Parties (COP-9) to the Rotterdam Convention, scheduled to be held 29 April to 10 May 2019 in Geneva, Switzerland, will consider the following chemicals recommended for listing in Annex III to the Convention by the Chemical Review Committee:

Chemical name	CAS No.	Category
Acetochlor	34256-82-1	Pesticide
Phorate	298-02-2	Pesticide
Hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	Industrial

At its eighth meeting, the Conference of the Parties deferred to its ninth meeting consideration of whether to include 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. Further information on these chemicals can be found on the Rotterdam Convention website, in the section “Chemicals recommended for listing” under “The Convention” tab.⁷

⁴ Article 5, paragraph 2 of the Rotterdam Convention.

⁵ <http://www.pic.int/tabid/1182/language/en-US/Default.aspx>.

⁶ <http://www.pic.int/tabid/1192/language/en-US/Default.aspx>.

⁷ <http://www.pic.int/tabid/1185/language/en-US/Default.aspx>.

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 export notification.

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.⁸

The Conference of the Parties, at its eighth meeting, took note of various information presented, including to recall decision RC-7/2 on the proposal on ways of exchanging information on exports and export notifications and to urge Parties to continue implementing their obligations under paragraph 2 of Article 11 and under Article 12. Parties were also urged to reply to the questionnaire on paragraph 2 of Article 11 and Articles 12 and 14.⁹

2.6 Information to accompany exported chemicals

In accordance with 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.¹⁰

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 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 new 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.¹¹ Information on any cases of failure to transmit a response is also available.

As at 31 October 2018, the following Parties have submitted import responses for all 50 chemicals listed in Annex III to the Convention: Albania, Australia, Burkina Faso, Cabo Verde, Cameroon, China, Cook Islands, El Salvador, European Union (on behalf of its 28 member States), Guinea Bissau, Mauritius, Norway, Serbia, Senegal and Switzerland. 117 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

⁸ <http://www.pic.int/tabid/1365/language/en-US/Default.aspx>.

⁹ <http://www.pic.int/tabid/5959/language/en-US/Default.aspx>.

¹⁰ <http://www.pic.int/tabid/1159/language/en-US/Default.aspx>.

¹¹ <http://www.pic.int/tabid/1370/language/en-US/Default.aspx>.

11 Parties have failed to provide any import responses: Afghanistan, Botswana, Djibouti, Maldives, Marshall Islands, Montenegro, Namibia, Saint Vincent and the Grenadines, Sierra Leone, Somalia and State of Palestine.

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.¹²

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 and RC-8/7, 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: chrysotile asbestos; 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; carbosulfan; and fenthion (ultra low volume formulations at or above 640 g active ingredient/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.

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 2018 there were 160 Parties to the Rotterdam Convention.¹³ Vanuatu will become the 161st Party on 14 January 2019 after depositing its instrument of accession to the Rotterdam Convention on 16 October 2018. Information on Parties for whom the Convention entered into force after 31 October 2018 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:¹⁴

- 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*);¹⁵

¹² <http://www.pic.int/tabid/1165/language/en-US/Default.aspx>.

¹³ <http://www.pic.int/tabid/1072/language/en-US/Default.aspx>.

¹⁴ <http://www.pic.int/>.

¹⁵ <http://www.pic.int/tabid/1048/language/en-US/Default.aspx>.

- Decision guidance documents for each of the chemicals listed in Annex III to the Convention (*English, French, Spanish*);¹⁶
- Form and instructions for notification of final regulatory action to ban or severely restrict a chemical (*English, French, Spanish*);⁵
- Form and instructions for import responses (*English, French, Spanish*);¹¹
- Form and instructions for reporting human health incidents and environmental incidents relating to severely hazardous pesticide formulations (*English, French, Spanish*);⁶
- Export notification form and instructions (*English, French, Spanish*);⁷
- Form for notification of designation of contacts (*English, French, Spanish*);¹⁷
- All PIC Circulars (*English, French, Spanish*);³
- Register of designated national authorities for the Rotterdam Convention (*English*).¹

3.3 Resource Kit of information on the Rotterdam Convention

The Resource Kit¹⁸ 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.

Secretariat of the Rotterdam Convention (FAO)

Viale delle Terme di Caracalla
00153 Rome, Italy
Fax: +39 06 5705 3224
Email: pic@fao.org

Secretariat of the Rotterdam Convention (UNEP)

Office Address: 11-13, chemin des Anémones
CH-1219 Châtelaine, Geneva, Switzerland
Postal Address: c/o Palais des Nations, 8-14, avenue
de la Paix, 1211 Geneva 10, Switzerland
Fax: +41 22 917 8082
Email: pic@pic.int; pic@brsmeas.org

¹⁶ <http://www.pic.int/tabid/2413/language/en-US/Default.aspx>.

¹⁷ <http://www.pic.int/tabid/3285/language/en-US/Default.aspx>.

¹⁸ <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 2018 and 31 October 2018.

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 2018 and 31 October 2018.

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.¹⁹

¹⁹ <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****CANADA**

Common Name(s): Polybrominated diphenyl ethers (C₁₂H_(10-n)Br_(n)O, 4<=n<=10) (PBDEs)

CAS number(s): 1163-19-5, 32534-81-9, 32536-52-0, 36483-60-0, 40088-47-9, 63936-56-1, 68928-80-3

Group Members: Tetrabromodiphenyl ether (tetraBDE), Pentabromodiphenyl ether (pentaBDE), Hexabromodiphenyl ether (hexaBDE), Heptabromodiphenyl ether (heptaBDE), Octabromodiphenyl ether (octaBDE), Nonabromodiphenyl ether (nonaBDE), Decabromodiphenyl ether (decaBDE).

Chemical Name: benzene, 1,1'-oxybis-, tetrabromo derivative; benzene, 1,1'-oxybis-, pentabromo derivative; pentaBDE; benzene, 1,1'-oxybis-, hexabromo derivative; benzene, 1,1'-oxybis-, heptabromo derivative; benzene, 1,1'-oxybis-, octabromo derivative; benzene, 1,1'-oxybis-, nonabromo derivative; benzene, 1,1'-oxybis[2,3,4,5,6-pentabromo-.

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action:

The Regulations prohibit the manufacture, use, sale, offer for sale or import of PBDEs unless the substance is incidentally present or contained in a manufactured item, with a limited number of exemptions listed below.

The Regulations do not apply to a PBDE that is:

- (a) Contained in a hazardous waste, hazardous recyclable material or non-hazardous waste to which Division 8 of Part 7 of CEPA applies;
- (b) Contained in a pest control product as defined in subsection 2(1) of the *Pest Control Products Act*;
- (c) Present as a contaminant in a chemical feedstock that is used in a process from which there are no releases of the toxic substance and on the condition that the toxic substance is destroyed or completely converted in that process to a substance that is not a toxic substance set out in either Schedule 1 or 2 of the regulations; or
- (d) To be used in a laboratory for analysis, in scientific research or as a laboratory analytical standard.

The Regulations do not prohibit:

- (a) The import, manufacture, use, sale and offer for sale of PBDEs or a product containing them, if PBDEs are incidentally present [subsection 4(1) of the Regulations];
- (b) The import, manufacture, use, sale or offer for sale of manufactured items containing PBDEs [subsection 4(2) of the Regulations];
- (c) The use, sale or offer for sale of:
 - (i) Products containing decaBDE that were manufactured or imported before the Regulations come into force [subsection 5(2) of the Regulations];
 - (ii) DecaBDE that was imported in accordance with a permit (section 8 of the Regulations);
 - (iii) Products that contain decaBDE that were manufactured or imported in accordance with a permit (section 8 of the Regulations).

REFERENCES

Prohibition of Certain Toxic Substances Regulations, 2012 (SOR/2012-285) under CEPA, as amended 2016 (SOR/2016-252). <http://www.gazette.gc.ca/rp-pr/p2/2016/2016-10-05/html/sor-dors252-eng.html>

Substance Prohibition Summary for Polybrominated Diphenyl Ethers. Environment and Climate Change Canada. July 2017. <http://ec.gc.ca/lcpe-cepa/default.asp?lang=En&xml=57E10F1D-FBBB-46DE-93DA-E8E17D6F975D>

Use or uses that remain allowed: N/A

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

Summary of the final regulatory action: Polybrominated diphenyl ethers that have the molecular formula $C_{12}H_{(10-n)}Br_nO$ in which $4 \leq n \leq 10$ (tetraBDE, pentaBDE, hexaBDE, heptaBDE, octaBDE, nonaBDE and decaBDE, collectively known as PBDEs), and products containing them are subject to the *Prohibition of Certain Toxic Substances Regulations, 2012* (the Regulations) as amended in 2016, under the *Canadian Environmental Protection Act, 1999* (CEPA).

The *Prohibition of Certain Toxic Substances Regulations, 2012* prohibit the manufacture, use, sale, offer for sale, and import of PBDEs, including decaBDE, and all products that contain PBDEs except for manufactured items.

The Regulations replace the former *Polybrominated Diphenyl Ethers Regulations*, which were the subject of a previous Notification of final Regulatory Action from Canada.

The regulatory controls pertaining to PBDEs that already existed under CEPA prior to this regulatory action were maintained. The Regulations expand the scope of the existing prohibition for PBDEs to cover all PBDE substances (including decaBDE) and products containing them, except manufactured items.

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

Summary of known hazards and risks to human health: N/A

Expected effect of the final regulatory action in relation to human health: N/A

Summary of known hazards and risks to the environment: A screening assessment involves an analysis of a substance using conservative assumptions to determine whether the substance meets the criteria as defined in section 64 of CEPA. This ecological screening assessment examines various supporting information and develops conclusions based on a weight of evidence approach as required under Section 76.1 of CEPA. The screening assessment does not represent an exhaustive review of all available data; rather, it presents the most critical studies and lines of evidence supporting the conclusions. One line of evidence includes consideration of risk quotients to identify potential for ecological effects. However, other concerns that affect current or potential risk, such as persistence, bioaccumulation, chemical transformation and trends in ambient concentrations, are also examined in this report.

Data relevant to the ecological screening assessment of PBDEs were identified in original literature, review documents, and commercial and government databases and indices. In addition to retrieving the references from a literature database search, direct contacts were made with researchers, academics, industry and other government agencies to obtain relevant information on PBDEs. Ongoing scans were conducted of the open literature, conference proceedings and the Internet for relevant PBDE information. Information obtained as of October 2004 was considered for inclusion into Environment Canada's Ecological Screening Assessment Report, while that received between November 2004 and October 2005 was reviewed, but not generally added. The information obtained between November 2004 and October 2005 was found to support the conclusions of Environment Canada's Ecological Screening Assessment Report determined with information received up to October 2004. In addition, an industry survey on PBDEs was conducted for the year 2000 through a Canada Gazette Notice issued pursuant to Section 71 of CEPA. This survey collected data on the Canadian manufacture, import, uses and releases of PBDEs (Environment Canada 2003). Toxicological studies were also submitted by industry under Section 70 of CEPA.

Environment Canada's Ecological Screening Assessment Report indicated that the greatest potential risks from PBDEs in the Canadian environment are the secondary poisoning of wildlife from the

consumption of prey containing elevated concentrations of PBDEs, and effects on benthic organisms, which may result from elevated concentrations of certain PBDE congeners in sediments. PBDEs have been detected in remote sites around the world; including the Canadian Arctic (in air, lakes and biota) suggesting PBDEs undergo long-range transport.

The 2006 screening assessment report also concluded that PBDEs are entering the environment in a quantity or concentration, or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity. More specifically, it concluded that tetraBDE, pentaBDE and hexaBDE congeners meet the criteria for persistence and bioaccumulation, as defined by the *Persistence and Bioaccumulation Regulations* of CEPA. The screening assessment also concluded that their presence in the environment results primarily from human activity (that is, releases from product manufacturing and processing, and throughout the product life cycle). As a result, tetraBDE, pentaBDE and hexaBDE congeners meet the conditions for virtual elimination, as set out in subsection 77(3) of CEPA.

The review conducted in the Ecological State of the Science Report on Decabromodiphenyl Ether (decaBDE) confirms that, based on the reviewed materials published up to August 25, 2009, decaBDE is not shown to meet bioaccumulation criteria as defined under the *Persistence and Bioaccumulation Regulations* under CEPA. However, some studies show that levels of decaBDE are steadily rising in some biota, and in some cases, measured concentrations are considered high. In addition, some equivocal evidence suggests potential biomagnification in food chains. Although uncertainties remain, it is reasonable to conclude that decaBDE may also contribute to the formation of bioaccumulative and/or potentially bioaccumulative transformation products, such as lower brominated BDEs, in organisms and the environment.

The findings of the ecological state of the science report provided justification for the development of additional regulatory controls for decaBDE.

Expected effect of the final regulatory action in relation to the environment: The final regulatory action protects the Canadian environment from risks associated with the manufacture, use, sale, offer for sale or import of PBDEs and certain products containing PBDEs.

Streamline regulations under CEPA pertaining to the control of toxic substances and add new regulatory controls for PBDEs and decaBDE.

Date of entry into force of the final regulatory action: 23/12/2016

JAPAN

Common Name(s): Decabromodiphenyl ether (decaBDE) ***CAS number(s):*** 1163-19-5

Chemical Name: 1,1'-Oxybis(pentabromobenzene)

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: All uses.

Use or uses that remain allowed: None.

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

Summary of the final regulatory action: This chemical is designated as Class I Specified Chemical Substances under the Chemical Substances Control Law of Japan. It is prohibited to manufacture, import and use this chemical substance.

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

Summary of known hazards and risks to human health: This chemical is persistent, highly bioaccumulative and has long-term toxicity to humans based on not only the scientific evaluation by POPRC but also domestic risk evaluation in Japan.

Expected effect of the final regulatory action in relation to human health: Reduction of exposure of this substance to humans as its use is phased out.

Summary of known hazards and risks to the environment: Estimation of the future risk based on the total expected emissions from production, import, and each use-phase shows the result that the environmental risk will reduce and predicted exposure maximum will be below PNEC of predators based on the toxicity data of DecaBDE.

Expected effect of the final regulatory action in relation to the environment: Reduction of exposure of this substance to environment as its use is phased out.

Date of entry into force of the final regulatory action: 01/04/2018

LESOTHO

Common Name(s): Tetraethyl lead **CAS number(s):** 78-00-2

Chemical Name: Plumbane, tetraethyl-

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: N/A

Use or uses that remain allowed: All uses are restricted with conditions in the regulations.

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

Summary of the final regulatory action: Listed under severely restricted chemicals.

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

Summary of known hazards and risks to human health: Health effects such as impaired kidney function, heart damage, mental retardation, convulsions, coma, encephalopathy and death are found.

Expected effect of the final regulatory action in relation to human health: Reduce exposure.

Date of entry into force of the final regulatory action: 18/06/2003

LESOTHO

Common Name(s): Tetramethyl lead **CAS number(s):** 75-74-1

Chemical Name: Plumbane, tetramethyl-

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: N/A

Use or uses that remain allowed: All uses are restricted with conditions in the regulations.

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

Summary of the final regulatory action: Listed under severely restricted chemicals.

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

Summary of known hazards and risks to human health: Health effects such as impaired kidney function, heart damage, mental retardation, convulsions, coma, encephalopathy and death are found.

Expected effect of the final regulatory action in relation to human health: Reduce exposure.

Date of entry into force of the final regulatory action: 18/06/2003

PERU

Common Name(s): Actinolite asbestos

CAS number(s): 77536-66-4

Chemical Name: Asbestos, actinolite

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: The ban of asbestos amphiboles refers to any presentation varieties of products or materials that contain them. The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fiber varieties or products that contain said compound.

Use or uses that remain allowed: Not applicable.

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

Summary of the final regulatory action: The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fibre varieties or products that contain said compound.

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

Summary of known hazards and risks to human health: The World Health Organization (WHO), indicates that all forms of asbestos are carcinogenic to humans, and can cause: lung cancer, mesothelioma, asbestosis (pneumoconiosis), plaques, thickening and pleural effusions, laryngeal cancer and other cancers.

The mechanistic basis for asbestos carcinogenicity is a complex interaction between crystalline mineral fibres and target cells in vivo. The most important physicochemical properties of asbestos fibres related to pathogenicity are surface chemistry and reactivity, surface area, fibre dimensions, and biopersistence (see ref. 1).

Among some exposed groups, 50 to 80% of individuals employed for 20 or more years were found to have abnormal radiographies characteristic of asbestos exposure, thus the progression of asbestosis depends on both cumulative exposure and time from exposure (see ref. 2).

Respiratory exposure to high levels of asbestos in the workplace has been associated with pain in the chest, pleural friction rub, rales (wheezing sound in the lower pulmonary region), cyanosis (low oxygen content of blood), loss of weight and formation of asbestos warts on the hands (see ref. 3).

A group of health scientists tested the association between the use of asbestos-cement piping for drinking water supplies and the incidence of kidney and gastrointestinal cancers in Utah. The study found no consistent cancer incidence difference in communities with asbestos pipes compared to communities without the pipes. Leaching from the pipes was minimal (see ref. 4).

REFERENCES

[1] IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMAN, International Agency for Research on Cancer, World Health Organization, Arsenic, Metals, Fibres, and Dusts, Volumen 100 C, 2012 <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono100C.pdf> Página 294

[2] Lewinsohn HC; R Soc Health J 92: 69-77 (1972) as cited in USEPA; Asbestos Health Assessment Update (Draft) p.5 (1984) EPA-600/8-84-003A; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[3] Nat'l Research Council Canada; Effects of Asbestos in the Canadian Environ p.17 (1979) NRCC No. 16452; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[4] Sadler TD et al; J Commun Hlth 9 (4): 285-93 (1984); publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

Expected effect of the final regulatory action in relation to human health: Control of occupational exposure and prevention of diseases related to asbestos.

Summary of known hazards and risks to the environment: Not applicable.

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

Date of entry into force of the final regulatory action: 18/05/2018

PERU

Common Name(s): Amosite asbestos **CAS number(s):** 12172-73-5

Chemical Name: Asbestos, amosite

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: The ban of asbestos amphiboles refers to any presentation varieties of products or materials that contain them. The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fiber varieties or products that contain said compound.

Use or uses that remain allowed: Not applicable.

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

Summary of the final regulatory action: The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fibre varieties or products that contain said compound.

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

Summary of known hazards and risks to human health: The World Health Organization (WHO), indicates that all forms of asbestos are carcinogenic to humans, and can cause: lung cancer, mesothelioma, asbestosis (pneumoconiosis), plaques, thickening and pleural effusions, laryngeal cancer and other cancers.

The mechanistic basis for asbestos carcinogenicity is a complex interaction between crystalline mineral fibres and target cells in vivo. The most important physicochemical properties of asbestos fibres related to pathogenicity are surface chemistry and reactivity, surface area, fibre dimensions, and biopersistence (see ref. 1).

Among some exposed groups, 50 to 80% of individuals employed for 20 or more years were found to have abnormal radiographies characteristic of asbestos exposure, thus the progression of asbestosis depends on both cumulative exposure and time from exposure (see ref. 2).

Respiratory exposure to high levels of asbestos in the workplace has been associated with pain in the chest, pleural friction rub, rales (wheezing sound in the lower pulmonary region), cyanosis (low oxygen content of blood), loss of weight and formation of asbestos warts on the hands (see ref. 3).

A group of health scientists tested the association between the use of asbestos-cement piping for drinking water supplies and the incidence of kidney and gastrointestinal cancers in Utah. The study found no consistent cancer incidence difference in communities with asbestos pipes compared to communities without the pipes. Leaching from the pipes was minimal (see ref. 4).

REFERENCES

- [1] IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMAN, International Agency for Research on Cancer, World Health Organization, Arsenic, Metals, Fibres, and Dusts, Volumen 100 C, 2012 <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono100C.pdf> Página 294
- [2] Lewinsohn HC; R Soc Health J 92: 69-77 (1972) as cited in USEPA; Asbestos Health Assessment Update (Draft) p.5 (1984) EPA-600/8-84-003A; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>
- [3] Nat'l Research Council Canada; Effects of Asbestos in the Canadian Environ p.17 (1979) NRCC No. 16452; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>
- [4] Sadler TD et al; J Commun Hlth 9 (4): 285-93 (1984); publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

Expected effect of the final regulatory action in relation to human health: Control of occupational exposure and prevention of diseases related to asbestos.

Summary of known hazards and risks to the environment: Not applicable.

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

Date of entry into force of the final regulatory action: 18/05/2018

PERU

Common Name(s): Anthophyllite **CAS number(s):** 77536-67-5

Chemical Name: Asbestos, anthophyllite

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: The ban of asbestos amphiboles refers to any presentation varieties of products or materials that contain them. The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fiber varieties or products that contain said compound.

Use or uses that remain allowed: Not applicable.

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

Summary of the final regulatory action: The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fibre varieties or products that contain said compound.

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

Summary of known hazards and risks to human health: The World Health Organization (WHO), indicates that all forms of asbestos are carcinogenic to humans, and can cause: lung cancer, mesothelioma, asbestosis (pneumoconiosis), plaques, thickening and pleural effusions, laryngeal cancer and other cancers.

The mechanistic basis for asbestos carcinogenicity is a complex interaction between crystalline mineral fibres and target cells in vivo. The most important physicochemical properties of asbestos fibres related to pathogenicity are surface chemistry and reactivity, surface area, fibre dimensions, and biopersistence (see ref. 1).

Among some exposed groups, 50 to 80% of individuals employed for 20 or more years were found to have abnormal radiographies characteristic of asbestos exposure, thus the progression of asbestosis depends on both cumulative exposure and time from exposure (see ref. 2).

Respiratory exposure to high levels of asbestos in the workplace has been associated with pain in the chest, pleural friction rub, rales (wheezing sound in the lower pulmonary region), cyanosis (low oxygen content of blood), loss of weight and formation of asbestos warts on the hands (see ref. 3).

A group of health scientists tested the association between the use of asbestos-cement piping for drinking water supplies and the incidence of kidney and gastrointestinal cancers in Utah. The study found no consistent cancer incidence difference in communities with asbestos pipes compared to communities without the pipes. Leaching from the pipes was minimal (see ref. 4).

REFERENCES

[1] IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMAN, International Agency for Research on Cancer, World Health Organization, Arsenic, Metals, Fibres, and Dusts, Volumen 100 C, 2012 <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono100C.pdf> Página 294

[2] Lewinsohn HC; R Soc Health J 92: 69-77 (1972) as cited in USEPA; Asbestos Health Assessment Update (Draft) p.5 (1984) EPA-600/8-84-003A; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[3] Nat'l Research Council Canada; Effects of Asbestos in the Canadian Environ p.17 (1979) NRCC No. 16452; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[4] Sadler TD et al; J Commun Hlth 9 (4): 285-93 (1984); publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

Expected effect of the final regulatory action in relation to human health: Control of occupational exposure and prevention of diseases related to asbestos.

Summary of known hazards and risks to the environment: Not applicable.

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

Date of entry into force of the final regulatory action: 18/05/2018

PERU

Common Name(s): Crocidolite **CAS number(s):** 12001-28-4

Chemical Name: Asbestos, crocidolite

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: The ban of asbestos amphiboles refers to any presentation varieties of products or materials that contain them. The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fiber varieties or products that contain said compound.

Use or uses that remain allowed: Not applicable.

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

Summary of the final regulatory action: The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory,

as well as fibre varieties or products that contain said compound.

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

Summary of known hazards and risks to human health: The World Health Organization (WHO), indicates that all forms of asbestos are carcinogenic to humans, and can cause: lung cancer, mesothelioma, asbestosis (pneumoconiosis), plaques, thickening and pleural effusions, laryngeal cancer and other cancers.

The mechanistic basis for asbestos carcinogenicity is a complex interaction between crystalline mineral fibres and target cells in vivo. The most important physicochemical properties of asbestos fibres related to pathogenicity are surface chemistry and reactivity, surface area, fibre dimensions, and biopersistence (see ref. 1).

Among some exposed groups, 50 to 80% of individuals employed for 20 or more years were found to have abnormal radiographies characteristic of asbestos exposure, thus the progression of asbestosis depends on both cumulative exposure and time from exposure (see ref. 2).

Respiratory exposure to high levels of asbestos in the workplace has been associated with pain in the chest, pleural friction rub, rales (wheezing sound in the lower pulmonary region), cyanosis (low oxygen content of blood), loss of weight and formation of asbestos warts on the hands (see ref. 3).

A group of health scientists tested the association between the use of asbestos-cement piping for drinking water supplies and the incidence of kidney and gastrointestinal cancers in Utah. The study found no consistent cancer incidence difference in communities with asbestos pipes compared to communities without the pipes. Leaching from the pipes was minimal (see ref. 4).

REFERENCES

[1] IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMAN, International Agency for Research on Cancer, World Health Organization, Arsenic, Metals, Fibres, and Dusts, Volumen 100 C, 2012 <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono100C.pdf> Página 294

[2] Lewinsohn HC; R Soc Health J 92: 69-77 (1972) as cited in USEPA; Asbestos Health Assessment Update (Draft) p.5 (1984) EPA-600/8-84-003A; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[3] Nat'l Research Council Canada; Effects of Asbestos in the Canadian Environ p.17 (1979) NRCC No. 16452; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[4] Sadler TD et al; J Commun Hlth 9 (4): 285-93 (1984); publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

Expected effect of the final regulatory action in relation to human health: Control of occupational exposure and prevention of diseases related to asbestos.

Summary of known hazards and risks to the environment: Not applicable.

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

Date of entry into force of the final regulatory action: 18/05/2018

PERU

Common Name(s): Tremolite **CAS number(s):** 77536-68-6

Chemical Name: Asbestos, tremolite

Final regulatory action has been taken for the category: Industrial

Final regulatory action: The chemical is banned.

Use or uses prohibited by the final regulatory action: The ban of asbestos amphiboles refers to any presentation varieties of products or materials that contain them. The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fiber varieties or products that contain said compound.

Use or uses that remain allowed: Not applicable.

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

Summary of the final regulatory action: The possession, processing, export, import, distribution, manufacture and cession, free of charge or not, of all varieties of amphibole asbestos fibers are prohibited: crocidolite, amosite, actinolite, anthophyllite and tremolite, throughout the national territory, as well as fibre varieties or products that contain said compound.

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

Summary of known hazards and risks to human health: The World Health Organization (WHO), indicates that all forms of asbestos are carcinogenic to humans, and can cause: lung cancer, mesothelioma, asbestosis (pneumoconiosis), plaques, thickening and pleural effusions, laryngeal cancer and other cancers.

The mechanistic basis for asbestos carcinogenicity is a complex interaction between crystalline mineral fibres and target cells in vivo. The most important physicochemical properties of asbestos fibres related to pathogenicity are surface chemistry and reactivity, surface area, fibre dimensions, and biopersistence (see ref. 1).

Among some exposed groups, 50 to 80% of individuals employed for 20 or more years were found to have abnormal radiographies characteristic of asbestos exposure, thus the progression of asbestosis depends on both cumulative exposure and time from exposure (see ref. 2).

Respiratory exposure to high levels of asbestos in the workplace has been associated with pain in the chest, pleural friction rub, rales (wheezing sound in the lower pulmonary region), cyanosis (low oxygen content of blood), loss of weight and formation of asbestos warts on the hands (see ref. 3).

A group of health scientists tested the association between the use of asbestos-cement piping for drinking water supplies and the incidence of kidney and gastrointestinal cancers in Utah. The study found no consistent cancer incidence difference in communities with asbestos pipes compared to communities without the pipes. Leaching from the pipes was minimal (see ref. 4).

REFERENCES

[1] IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMAN, International Agency for Research on Cancer, World Health Organization, Arsenic, Metals, Fibres, and Dusts, Volumen 100 C, 2012 <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono100C.pdf> Página 294

[2] Lewinsohn HC; R Soc Health J 92: 69-77 (1972) as cited in USEPA; Asbestos Health Assessment Update (Draft) p.5 (1984) EPA-600/8-84-003A; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[3] Nat'l Research Council Canada; Effects of Asbestos in the Canadian Environ p.17 (1979) NRCC No. 16452; publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

[4] Sadler TD et al; J Commun Hlth 9 (4): 285-93 (1984); publicado en NIH U.S. National Library of Medicine, TOXNET Toxicology Data Network, HSDB: ASBESTOS, <https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+511>

Expected effect of the final regulatory action in relation to human health: Control of occupational exposure and prevention of diseases related to asbestos.

Summary of known hazards and risks to the environment: Not applicable.

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

Date of entry into force of the final regulatory action: 18/05/2018

TRINIDAD AND TOBAGO

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: All uses and Formulation types.

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

Summary of the final regulatory action: Reduced risk to human health as a result of this pesticide carcinogenic potential.

Date of entry into force of the final regulatory action: 01/01/2013

TRINIDAD AND TOBAGO

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: All formulations and uses

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

Summary of the final regulatory action: Thionil was voluntarily withdrawn from registration in 2006. As such it was the opportune time for the Pesticides and Toxic Chemicals Control Board to not register any new submissions for Endosulfan. This was based on the Highly Hazardous nature of this pesticide.

Date of entry into force of the final regulatory action: 01/01/2007

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	Country	Region	Annex III	Ban/Severe restriction
2,4,5-T and its salts and esters	93-76-5 (*)	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Aldrin	15972-60-8	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Binapacryl	485-31-4	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Captafol	2425-06-1	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Chlordane	57-74-9	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Chlorobenzilate	510-15-6	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Chlordimeform	6164-98-3	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
DDT	50-29-3	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Dieldrin	60-57-1	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Dinoseb and its salts and esters	88-85-7 (*)	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
EDB (1,2-dibromoethane)	106-93-4	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Ethylene dichloride	107-06-2	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Ethylene oxide	75-21-8	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Fluoroacetamide	640-19-7	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
HCH (mixed isomers)	608-73-1	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Heptachlor	76-44-8	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Hexachlorobenzene	118-74-1	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Lindane (HCH)	58-89-9	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds		Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Mirex	2385-85-5	Pesticide	Peru	Latin America and the Carribean	No	Ban
Monocrotophos	6923-22-4	Pesticide	Peru	Latin America and the Carribean	Yes	Ban

Chemical name	CAS No.	Category	Country	Region	Annex III	Ban/Severe restriction
Methyl-parathion	298-00-00	Pesticide	Peru	Latin America and the Carribean	No	Ban
Parathion	56-38-2	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Pentachlorophenol	87-86-5 (*)	Pesticide	Peru	Latin America and the Carribean	Yes	Ban
Phosphamidon	13171-21-6	Pesticide	Peru	Latin America and the Carribean	No	Ban
Toxaphene (Camphchlor)	8001-35-2	Pesticide	Peru	Latin America and the Carribean	Yes	Ban

PART C

NOTIFICATIONS OF FINAL REGULATORY ACTION STILL UNDER VERIFICATION

Chemical name	CAS No.	Category	Country	Region	Annex III
Atrazine	1912-24-9	Pesticide	Uruguay	Latin America and the Carribean	No
Azinphos-methyl	86-50-0	Pesticide	Uruguay	Latin America and the Carribean	Yes
Carbofuran	1563-66-2	Pesticide	Uruguay	Latin America and the Carribean	Yes
Mercury	7439-97-6	Industrial	Sweden	Europe	No
Methidathion	950-37-8	Pesticide	Uruguay	Latin America and the Carribean	No
Methomyl	16752-77-5	Pesticide	Uruguay	Latin America and the Carribean	No
Parathion-methyl	2980-00-00	Pesticide	Uruguay	Latin America and the Carribean	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**

None.

PART B

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

None.

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 ¹	Pesticide	Prior to adoption of 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 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 Convention
Carbofuran	1563-66-2	Pesticide	15 September 2017
Chlordane	57-74-9	Pesticide	Prior to adoption of Convention
Chlordimeform	6164-98-3	Pesticide	Prior to adoption of Convention
Chlorobenzilate	510-15-6	Pesticide	Prior to adoption of Convention
DDT	50-29-3	Pesticide	Prior to adoption of Convention
Dieldrin	60-57-1	Pesticide	Prior to adoption of 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 ¹	Pesticide	Prior to adoption of Convention
1,2-dibromoethane (EDB)	106-93-4	Pesticide	Prior to adoption of 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 Convention
HCH (mixed isomers)	608-73-1	Pesticide	Prior to adoption of Convention
Heptachlor	76-44-8	Pesticide	Prior to adoption of Convention
Hexachlorobenzene	118-74-1	Pesticide	Prior to adoption of Convention
Lindane	58-89-9	Pesticide	Prior to adoption of Convention
Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds		Pesticide	Prior to adoption of Convention
Methamidophos	10265-92-6	Pesticide	15 September 2015 ²
Monocrotophos	6923-22-4	Pesticide	1 February 2005
Parathion	56-38-2	Pesticide	1 February 2005
Pentachlorophenol and its salts and esters	87-86-5 ¹	Pesticide	Prior to adoption of Convention
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 ³
Trichlorfon	52-68-6	Pesticide	15 September 2017

Chemical name	CAS No.	Category	Date of first dispatch of decision guidance document
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 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 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 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
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 - N-Ethylperfluorooctane sulfonamide - N-Methylperfluorooctane sulfonamide - N-Ethyl-N-(2-hydroxyethyl) perfluorooctane sulfonamide - N-(2-Hydroxyethyl)-N-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
Polybrominated biphenyls (PBB)	36355-01-8 (hexa-) 27858-07-7 (octa-) 13654-09-6 (deca-)	Industrial	Prior to adoption of Convention
Polychlorinated biphenyls (PCB)	1336-36-3	Industrial	Prior to adoption of Convention
Polychlorinated terphenyls (PCT)	61788-33-8	Industrial	Prior to adoption of Convention
Short-chain chlorinated paraffins	85535-84-8	Industrial	15 September 2017
Tetraethyl lead	78-00-2	Industrial	1 February 2005

Chemical name	CAS No.	Category	Date of first dispatch of decision guidance document
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 ⁴
Tris(2,3-dibromopropyl) phosphate	126-72-7	Industrial	Prior to adoption of 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 4).
4. 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 2018 and 31 October 2018) 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

Argentina
Cameroon
Peru

Aldicarb

Argentina
Australia

Azinphos-methyl

Argentina
Australia
Peru
Singapore
Sri Lanka

Carbofuran

Albania
Australia
Burkina Faso
Cameroon
China
European Union
Guatemala
Honduras
Mauritania
Peru
Serbia
Singapore
Switzerland

Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt)

Sri Lanka

Endosulfan

Argentina
Australia

Ethylene dichloride

Sri Lanka

Ethylene oxide

European Union

Methamidophos

Argentina
Australia
Cameroon
Kyrgyzstan
Peru
Singapore

All tributyltin compounds

Australia¹
Cameroon
Switzerland²

Trichlorfon

Albania
Argentina
Australia
Burkina Faso
Cameroon
China
European Union
Guatemala
Honduras
Kyrgyzstan
Mauritania
Peru
Serbia
Singapore
Sri Lanka
Switzerland

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)

Australia

Industrial Chemicals

Actinolite asbestos

Peru¹

Amosite asbestos

Peru¹

Anthophyllite asbestos

Peru¹

Crocidolite asbestos

Peru¹

Tremolite asbestos

Peru¹

Commercial octabromodiphenyl ether (including hexabromodiphenyl ether and heptabromodiphenyl ether)

Cameroon

Singapore

Thailand

Commercial pentabromodiphenyl ether (including tetrabromodiphenyl ether and pentabromodiphenyl ether)

Cameroon

Singapore

Thailand

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

Thailand

Polybrominated biphenyls (PBB)

Cameroon

Polychlorinated biphenyls (PCB)

Cameroon

Polychlorinated terphenyls (PCT)

Cameroon

Short-chain chlorinated paraffins

Albania

Australia

Burkina Faso

Cameroon

China

El Salvador

European Union

Guatemala

Japan

Norway

Republic of Korea

Serbia

Singapore

Switzerland

Thailand

Tetraethyl lead

Cameroon

Tetramethyl lead

Cameroon

All tributyltin compounds

Albania

Australia

Burkina Faso

Cameroon

China

El Salvador

European Union

Guatemala

Jamaica

Japan

Norway

Republic of Korea

Serbia

Singapore

Switzerland

Thailand

Tris(2,3-dibromopropyl) phosphate

Cameroon

Notes:

1. A revision to the import response published in PIC Circular XXXIII (June 2011).
2. A revision to the import response published in PIC Circular XXX (December 2009).

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 2018) 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 2018) verified as not containing all the information required by Annex I to the Convention.

The information is also available on the Convention website.²⁰

²⁰ <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	Country	Region	PIC Circular
1,1,1,2-Tetrachloroethane	630-20-6	Industrial	Latvia	Europe	XX
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-Trichloroethane	79-00-5	Industrial	Latvia	Europe	XX
1,1-Dichloroethylene	75-35-4	Industrial	Latvia	Europe	XX
1,3-Dichloropropene	542-75-6	Pesticide	European Union	Europe	XXXVI
2- Nitrobenzaldehyde	552-89-6	Industrial	Latvia	Europe	XX
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	94-75-7	Pesticide	Norway	Europe	XIII
2-Ethyl-1,3-hexanediol	94-96-2	Pesticide	Thailand	Asia	XX
2-Naphthylamine	91-59-8	Industrial	Japan	Asia	XXI
2-Naphthylamine	91-59-8	Industrial	Latvia	Europe	XX
2-Naphthylamine	91-59-8	Industrial	Republic of Korea	Asia	XX
2-Naphthylamine	91-59-8	Industrial	Switzerland	Europe	XXIII
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 ₈₋₁₄ -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 ₁₀₋₁₆ -alkyl acrylate and stearyl methacrylate	203743-03-7	Industrial	Canada	North America	XLI
4-Aminobiphenyl	92-67-1	Industrial	Japan	Asia	XXI
4-Aminobiphenyl	92-67-1	Industrial	Latvia	Europe	XX
4-Aminobiphenyl	92-67-1	Industrial	Republic of Korea	Asia	XX
4-Aminobiphenyl	92-67-1	Industrial	Switzerland	Europe	XXIII
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
Acephate	30560-19-1	Pesticide	European Union	Europe	XVIII
Acetochlor	34256-82-1	Pesticide	Burkina Faso	Africa	XLV
Acetochlor	34256-82-1	Pesticide	Cabo Verde	Africa	XLV

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Acetochlor	34256-82-1	Pesticide	Chad	Africa	XLV
Acetochlor	34256-82-1	Pesticide	European Union	Europe	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
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
Aminopyralid	150114-71-9	Pesticide	Norway	Europe	XXXIII
Amitraz	33089-61-1	Pesticide	European Union	Europe	XXI
Amitraz	33089-61-1	Pesticide	Iran (Islamic Republic of)	Asia	XXX
Amitraz	33089-61-1	Pesticide	Syrian Arab Republic	Near East	XXXII
Amitrole	61-82-5	Pesticide	Thailand	Asia	XX
Ammonium hydrogen sulfide	12124-99-1	Industrial	Latvia	Europe	XX
Ammonium polysulfide	9080-17-5	Industrial	Latvia	Europe	XX
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	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	European Union	Europe	XXI
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
Azinphos-ethyl	2642-71-9	Pesticide	Iran (Islamic Republic of)	Asia	XLVI
Azinphos-ethyl	2642-71-9	Pesticide	Thailand	Asia	XIV
Benfuracarb	82560-54-1	Pesticide	European Union	Europe	XXXV
Bentazon	25057-89-0	Pesticide	Norway	Europe	XIII
Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	68921-45-9	Industrial	Canada	North America	XLII
Benzene	71-43-2	Industrial	Latvia	Europe	XX
Benzidine	92-87-5	Industrial	Canada	North America	XXI
Benzidine	92-87-5	Industrial	Canada	North America	XXVIII
Benzidine	92-87-5	Industrial	Jordan	Near East	XLII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Benzidine	92-87-5	Industrial	Latvia	Europe	XX
Benzidine	92-87-5	Industrial	Republic of Korea	Asia	XX
Benzidine and its salts	92-87-5	Industrial	India	Asia	XX
Benzidine and its salts	92-87-5	Industrial	Japan	Asia	XXI
Benzidine and its salts	92-87-5	Industrial	Jordan	Near East	XVIII
Benzidine and its salts	92-87-5	Industrial	Switzerland	Europe	XXIII
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	Canada	North America	XII
Bis(chloromethyl)ether	542-88-1	Industrial	Japan	Asia	XXI
Bis(chloromethyl)ether	542-88-1	Industrial	Republic of Korea	Asia	XX
Bitertanol	55179-31-2	Pesticide	Norway	Europe	XXXV
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
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
Butralin	33629-47-9	Pesticide	European Union	Europe	XXXIII
Cadmium	7440-43-9	Industrial	Latvia	Europe	XX
Cadusafos	95465-99-9	Pesticide	European Union	Europe	XXXVI
Calcium arsenate	7778-44-1	Pesticide	Thailand	Asia	XIV
Carbaryl	63-25-2	Pesticide	European Union	Europe	XXVI
Carbaryl	63-25-2	Pesticide	Jordan	Near East	XVIII
Carbaryl	63-25-2	Pesticide	Syrian Arab Republic	Near East	XXXII
Carbon tetrachloride	56-23-5	Pesticide & Industrial	Canada	North America	XII
Carbon tetrachloride	56-23-5	Industrial	Jordan	Near East	XLIV
Carbon tetrachloride	56-23-5	Industrial	Latvia	Europe	XX
Carbon tetrachloride	56-23-5	Industrial	Republic of Korea	Asia	XX
Carbon tetrachloride	56-23-5	Pesticide & Industrial	Switzerland	Europe	XXI
Carbon tetrachloride	56-23-5	Pesticide	Thailand	Asia	XX
Carbosulfan	55285-14-8	Pesticide	Burkina Faso	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Cabo Verde	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Chad	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	European Union	Europe	XXXV
Carbosulfan	55285-14-8	Pesticide	Gambia	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Mauritania	Africa	XLI

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Carbosulfan	55285-14-8	Pesticide	Niger	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Senegal	Africa	XLI
Carbosulfan	55285-14-8	Pesticide	Togo	Africa	XLI
Chloral hydrate	302-17-0	Pesticide	Netherlands	Europe	XIV
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	Peru	Latin America and the Caribbean	XLV
Chlordecone	143-50-0	Pesticide	Switzerland	Europe	XX
Chlordecone	143-50-0	Pesticide	Thailand	Asia	XIV
Chlorfenapyr	122453-73-0	Pesticide	European Union	Europe	XVIII
Chlorfenvinphos	470-90-6	Pesticide	Norway	Europe	XIII
Chlornitrofen	1836-77-7	Pesticide	Japan	Asia	XX
Chloroethylene	75-01-4	Industrial	Latvia	Europe	XX
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
Chlorsulfuron	64902-72-3	Pesticide	Norway	Europe	XIII
Chlorthal-dimethyl	1861-32-1	Pesticide	European Union	Europe	XXXVII
Chlorthiophos	60238-56-4	Pesticide	Thailand	Asia	XIV
Chlozolate	84332-86-5	Pesticide	European Union	Europe	XVI
Chrysotile asbestos	12001-29-5	Industrial	Australia	Southwest Pacific	XIX
Chrysotile asbestos	12001-29-5	Industrial	Bulgaria	Europe	XXII
Chrysotile asbestos	12001-29-5	Industrial	Chile	Latin America and the Caribbean	XV
Chrysotile asbestos	12001-29-5	Industrial	European Union	Europe	XIII
Chrysotile asbestos	12001-29-5	Industrial	Japan	Asia	XXX
Chrysotile asbestos	12001-29-5	Industrial	Japan	Asia	XXV
Chrysotile asbestos	12001-29-5	Industrial	Latvia	Europe	XX
Chrysotile asbestos	12001-29-5	Industrial	South Africa	Africa	XXX
Chrysotile asbestos	12001-29-5	Industrial	Switzerland	Europe	XXI
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
Cycloheximide	66-81-9	Pesticide	Thailand	Asia	XIV
Cyhexatin	13121-70-5	Pesticide	Brazil	Latin America and the Caribbean	XXXVI
Cyhexatin	13121-70-5	Pesticide	Canada	North America	XXII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Cyhexatin	13121-70-5	Pesticide	Japan	Asia	XX
DDD	72-54-8	Pesticide	Thailand	Asia	XX
Decabromodiphenyl ether	1163-19-5	Industrial	Japan	Asia	XLVIII
Decabromodiphenyl ether	1163-19-5	Industrial	Norway	Europe	XXXIX
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
Diazinon	333-41-5	Pesticide	European Union	Europe	XXXII
DBCP (1,2-dibromo-3-cloropropano)	96-12-8	Pesticide	Canada	North America	XXII
DBCP (1,2-dibromo-3-cloropropano)	96-12-8	Pesticide	Colombia	Latin America and the Caribbean	XLV
DBCP (1,2-dibromo-3-cloropropano)	96-12-8	Pesticide	Thailand	Asia	XIV
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	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	European Union	Europe	XXXIV
Dicloran	99-30-9	Pesticide	European Union	Europe	XXXVI
Dicofol	115-32-2	Pesticide	European Union	Europe	XXXIII
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
Dicrotophos	141-66-2	Pesticide	Jordan	Near East	XVIII
Dimefox	115-26-4	Pesticide	Jordan	Near East	XVIII
Dimefox	115-26-4	Pesticide	Thailand	Asia	XIV
Dimethenamid	87674-68-8	Pesticide	European Union	Europe	XXXVII
Diniconazole- <i>M</i>	83657-18-5	Pesticide	European Union	Europe	XXXIV
Dinoterb	1420-07-1	Pesticide	European Union	Europe	XIV
Dinoterb	1420-07-1	Pesticide	Switzerland	Europe	XX
Dinoterb	1420-07-1	Pesticide	Thailand	Asia	XIV

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Diphenylamine	122-39-4	Pesticide	European Union	Europe	XXXIX
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
Endosulfan	115-29-7**, 959-98-8, 33213-65-9	Pesticide* & Industrial	Japan	Asia	XLIV
Endrin	72-20-8	Pesticide	Bulgaria	Europe	XXII
Endrin	72-20-8	Pesticide	Canada	North America	XXII
Endrin	72-20-8	Pesticide	Guyana	Latin America and the Caribbean	XXVI
Endrin	72-20-8	Pesticide & Industrial	Japan	Asia	XX
Endrin	72-20-8	Pesticide	Jordan	Near East	XVIII
Endrin	72-20-8	Pesticide	Peru	Latin America and the Caribbean	XIII
Endrin	72-20-8	Pesticide & Industrial	Republic of Korea	Asia	XX
Endrin	72-20-8	Pesticide	Romania	Europe	XX
Endrin	72-20-8	Pesticide	Switzerland	Europe	XX
Endrin	72-20-8	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Epoxiconazole	106325-08-0	Pesticide	Norway	Europe	XIII
EPTC	759-94-4	Pesticide	Norway	Europe	XIII
Ethylbromoacetate	105-36-2	Industrial	Latvia	Europe	XX
Extract residues (coal), low temp. coal tar alk	122384-78-5	Industrial	Latvia	Europe	XX
Fenarimol	60168-88-9	Pesticide	European Union	Europe	XXXVII
Fenitrothion	122-14-5	Pesticide	European Union	Europe	XXXII
Fensulfothion	115-90-2	Pesticide	Thailand	Asia	XIV
Fenthion	55-38-9	Pesticide	European Union	Europe	XXII
Fentin acetate	900-95-8	Pesticide	European Union	Europe	XVI
Fentin hydroxide	76-87-9	Pesticide	European Union	Europe	XVI
Fipronil	120068-37-3	Pesticide	Cabo Verde	Africa	XLI
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
Fluazifop- <i>P</i> -butyl	79241-46-6	Pesticide	Norway	Europe	XIII
Fluazinam	79622-59-6	Pesticide	Norway	Europe	XXXII
Flufenoxuron	101463-69-8	Pesticide	European Union	Europe	XXXIX
Fluopicolide	239110-15-7	Pesticide	Norway	Europe	XLIII
Fluoroacetic acid	144-49-0	Pesticide & Industrial	Japan	Asia	XX
Flurprimidol	56425-91-3	Pesticide	European Union	Europe	XXXVI
Folpet	133-07-3	Pesticide	Malaysia	Asia	XII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Fonofos	944-22-9	Pesticide	Thailand	Asia	XIV
Furfural	98-01-1	Pesticide	Canada	North America	XXII
Hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	Industrial	Canada	North America	XLVII
Hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	Industrial	China	Asia	XLV
Hexabromocyclododecane	25637-99-4	Industrial	Japan	Asia	XLIV
Hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	Industrial	Norway	Europe	XLIV
Hexachlorobenzene	118-74-1**	Industrial	Canada	North America	XXVIII
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
Hexachlorobutadiene	87-68-3	Industrial	Canada	North America	XXVIII
Hexachlorobutadiene	87-68-3	Industrial	Japan	Asia	XXII
Hexachloroethane	67-72-1	Industrial	Latvia	Europe	XX
Hexane, 1,6-diisocyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoromethylene), C ₁₆₋₂₀ -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
Hexazinone	51235-04-2	Pesticide	Norway	Europe	XIII
Hexazinone	51235-04-2	Pesticide	Senegal	Africa	XLV
Hexazinone	51235-04-2	Pesticide	Togo	Africa	XLV
Imazalil	35554-44-0	Pesticide	Norway	Europe	XIII
Imazapyr	81334-34-1	Pesticide	Norway	Europe	XIV
Isodrin	465-73-6	Pesticide	Switzerland	Europe	XX
Isopyrazam	881685-58-1	Pesticide	Norway	Europe	XXXVII
Kelevan	4234-79-1	Pesticide	Switzerland	Europe	XX
Lead arsenate	7784-40-9	Pesticide	Japan	Asia	XX

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Lead arsenate	7784-40-9	Pesticide	Peru	Latin America and the Caribbean	XXXV
Lead carbonate	598-63-0	Industrial	Jordan	Near East	XXXVI
Lead carbonate	598-63-0	Industrial	Latvia	Europe	XX
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
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
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
Mepiquat chloride	24307-26-4	Pesticide	Norway	Europe	XIII
Mercurous chloride (Calomel)	10112-91-1	Pesticide	Romania	Europe	XX
Mercury	7439-97-6	Industrial	Sweden	Europe	XXIII
Metaldehyde	108-62-3, 9002-91-9	Pesticide	Norway	Europe	XLVII
Methazole	20354-26-1	Pesticide	Australia	Southwest Pacific	XII
Methyl bromide	74-83-9	Pesticide	Malawi	Africa	XXX
Methyl bromide	74-83-9	Pesticide	Netherlands	Europe	XV
Methyl bromide	74-83-9	Pesticide & Industrial	Republic of Korea	Asia	XX
Methyl bromide	74-83-9	Pesticide & Industrial	Switzerland	Europe	XXI
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	Brazil	Latin America and the Caribbean	XX
Methyl parathion	298-00-0	Pesticide	Bulgaria	Europe	XXII
Methyl parathion	298-00-0	Pesticide	Côte d'Ivoire	Africa	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	European Union	Europe	XVIII
Methyl parathion	298-00-0	Pesticide	Gambia	Africa	XIX
Methyl parathion	298-00-0	Pesticide	Guyana	Latin America and the Caribbean	XXVI
Methyl parathion	298-00-0	Pesticide & Industrial	Japan	Asia	XX
Methyl parathion	298-00-0	Pesticide	Nigeria	Africa	XXI
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	Thailand	Asia	XXI

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Methyl parathion	298-00-0	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Mevinphos	26718-65-0	Pesticide	Jordan	Near East	XVIII
Mevinphos	26718-65-0	Pesticide	Thailand	Asia	XIV
MGK Repellent 11	126-15-8	Pesticide	Thailand	Asia	XX
Mirex	2385-85-5	Pesticide	Bulgaria	Europe	XXII
Mirex	2385-85-5	Industrial	Canada	North America	XII
Mirex	2385-85-5	Industrial	Canada	North America	XXVIII
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	Guyana	Latin America and the Caribbean	XXVI
Mirex	2385-85-5	Pesticide & Industrial	Japan	Asia	XXI
Mirex	2385-85-5	Pesticide & Industrial	Switzerland	Europe	XXIII
Mirex	2385-85-5	Pesticide	Thailand	Asia	XX
Mirex	2385-85-5	Pesticide	Uruguay	Latin America and the Caribbean	XXVIII
Monomethyl dichlorodiphenyl methane	122808-61-1	Industrial	Latvia	Europe	XX
N,N'-Ditolyl- <i>p</i> -phenylenediamine; N,N'-Dixylyl- <i>p</i> -phenylenediamine; N-Tolyl-N'-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
N-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, 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

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Octylphenols and octylphenol ethoxylates	140-66-9	Pesticide & Industrial	Switzerland	Europe	XXXVI
Oxydemeton-methyl	301-12-2	Pesticide	European Union	Europe	XXX
Paraquat	4685-14-7	Pesticide	Sri Lanka	Asia	XXVIII
Paraquat	4685-14-7	Pesticide	Sweden	Europe	XXIII
Paraquat	4685-14-7	Pesticide	Togo	Africa	XLII
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	Industrial	Canada	North America	XXVIII
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
Pentachlorophenol and its salts and esters	87-86-5**, 131-52-2, 27735-64-4, 3772-94-9	Pesticide* & Industrial	Japan	Asia	XLIV
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

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Perfluorooctanoic acid (PFOA), its salts and PFOA related compounds	335-67-1, 45285-51-6 3825-26-1, 90480-56-1 335-95-5, 2395-00-8, 335-93-3, 335-66-0, 376-27-2, 3108-24-5 (list is not exhaustive)	Industrial	Canada	North America	XLVII
Perfluorooctanoic acid (PFOA), its salts and PFOA related compounds	335-67-1, 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0, 376-27-2, 3108-24-5	Industrial	Norway	Europe	XLI
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
Phorate	298-02-2	Pesticide	Brazil	Latin America and the Caribbean	XLV
Phorate	298-02-2	Pesticide	Canada	North America	XXVIII
Phorate	298-02-2	Pesticide	Thailand	Asia	XIV
Phosalone	2310-17-0	Pesticide	European Union	Europe	XXXVII
Phosphamidon	13171-21-6	Pesticide	Brazil	Latin America and the Caribbean	XX
Phosphamidon	13171-21-6	Pesticide	Côte d'Ivoire	Africa	XX
Phosphamidon	13171-21-6	Pesticide & Industrial	Japan	Asia	XX
Phosphamidon	13171-21-6	Pesticide	Panama	Latin America and the Caribbean	XIX
Phosphamidon	13171-21-6	Pesticide	Thailand	Asia	XIV
Polychlorinated naphthalenes	70776-03-3	Industrial	Canada	North America	XXXVIII
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
Polychloroterpenes	8001-50-1	Pesticide	Thailand	Asia	XX
Procymidone	32809-16-8	Pesticide	European Union	Europe	XXXVII
Profenofos	41198-08-7	Pesticide	Malaysia	Asia	XLIV
Propachlor	1918-16-7	Pesticide	European Union	Europe	XXXIII
Propachlor	1918-16-7	Pesticide	Norway	Europe	XXVI

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Propanil	709-98-8	Pesticide	European Union	Europe	XXXIX
Propargite	2312-35-8	Pesticide	European Union	Europe	XXXIX
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	Norway	Europe	XXXIX
Pyrazophos	13457-18-6	Pesticide	European Union	Europe	XIII
Pyrinuron	53558-25-1	Pesticide	Thailand	Asia	XX
Quinalphos	13593-03-8	Pesticide	Malaysia	Asia	XLIV
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
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
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
Terbufos	13071-79-9	Pesticide	Canada	North America	XXVIII
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
Thiodicarb	59669-26-0	Pesticide	European Union	Europe	XXXVII
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

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Tribufos	78-48-8	Pesticide	Australia	Southwest Pacific	XIII
Tributyl tetradecyl phosphonium chloride	81741-28-8	Industrial	Canada	North America	XIII
Trifluralin	1582-09-8	Pesticide	European Union	Europe	XXXVI
Tris-(1-aziridinyl)phosphine oxide	545-55-1	Industrial	Latvia	Europe	XX
Tris-(1-aziridinyl)phosphine oxide	545-55-1	Industrial	Switzerland	Europe	XXIII
Vinclozolin	50471-44-8	Pesticide	Jordan	Near East	XVIII
Vinclozolin	50471-44-8	Pesticide	Norway	Europe	XIII
Zineb	12122-67-7	Pesticide	Ecuador	Latin America and the Caribbean	XX

* 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	Country	Region	PIC Circular
Acrylonitrile	107-13-1	Pesticide	Saudi Arabia	Near East	XXVII
1,2-dichloropropane	78-87-5	Pesticide	Saudi Arabia	Near East	XXXII
1,4-dichlorobenzene	106-46-7	Pesticide	Israel	Europe	XXXV
1-Bromo-2-chloroethane	107-04-0	Pesticide	Saudi Arabia	Near East	XXXII
2-(2,4,5-trichlorephenoxy)ethyl 2,dichloropropanoate	136-25-4	Pesticide	Saudi Arabia	Near East	XXVII
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 Carribean	XLVII
Acephate	30560-19-1	Pesticide	Oman	Near East	XXXIX
Acrolein	107-02-8	Pesticide	Saudi Arabia	Near East	XXXII
Amitraz	33089-61-1	Pesticide	Oman	Near East	XXXIX
Amitrole	61-82-5	Pesticide	Ecuador	Latin America and the Carribean	XLVII
Amitrole	61-82-5	Pesticide	Oman	Near East	XXXIX
Amitrole	61-82-5	Pesticide	Saudi Arabia	Near East	XXVII
Atrazine	1912-24-9	Pesticide	Oman	Near East	XXXIX
Azinphos-ethyl	2642-71-9	Pesticide	Saudi Arabia	Near East	XXVII
Bendiocarb	22781-23-3	Pesticide	Saudi Arabia	Near East	XXVII
Benomyl	17804-35-2	Pesticide	Ecuador	Latin America and the Carribean	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
Bromacil	314-40-9	Pesticide	Costa Rica	Latin America and the Carribean	XLVII
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	XXVII
Cadmium	7440-43-9	Pesticide	Thailand	Asia	XX
Cadusafos	95465-99-9	Pesticide	Oman	Near East	XXXIX
Calcium cyanide	592-01-8	Pesticide	Saudi Arabia	Near East	XXVII
Captan	133-06-2	Pesticide	Oman	Near East	
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
Carbon tetrachloride	56-23-5	Pesticide	Ecuador	Latin America and the Carribean	XLVII
Chloranil	118-75-2	Pesticide	Mexico	Latin America and the Caribbean	XXVIII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Chloranil	118-75-2	Pesticide	Saudi Arabia	Near East	XXXII
Chlordecone	143-50-0	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Chlordecone	143-50-0	Pesticide	Saudi Arabia	Near East	XXXII
Chlormephos	24934-91-6	Pesticide	Oman	Near East	XXXIX
Chlormephos	24934-91-6	Pesticide	Saudi Arabia	Near East	XXVII
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	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	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	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
DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
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	Saudi Arabia	Near East	XXVII
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	Oman	Near East	XXXIX
Dicrotophos	141-66-2	Pesticide	Saudi Arabia	Near East	XXVII
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	Oman	Near East	XXXIX
Disulfoton	298-04-4	Pesticide	Saudi Arabia	Near East	XXVII
Endrin	72-20-8	Pesticide	Ecuador	Latin America and the Caribbean	XLVII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Endrin	72-20-8	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Endrin	72-20-8	Pesticide	Nepal	Asia	XLII
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
Fenamiphos	22224-92-6	Pesticide	Oman	Near East	XXXIX
Fenamiphos	22224-92-6	Pesticide	Saudi Arabia	Near East	XXVII
Fenthion	55-38-9	Pesticide	Oman	Near East	XXXIX
Fentin acetate	115-90-2	Pesticide	Saudi Arabia	Near East	XXVII
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	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
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	Ecuador	Latin America and the Caribbean	XLVII
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	Oman	Near East	XXXIX
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	Oman	Near East	XXXIX
Methiocarb	2032-65-7	Pesticide	Saudi Arabia	Near East	XXXVIII
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 parathion	298-00-0	Pesticide	Cameroon	Africa	XVIII
Mevinphos	7786-34-7	Pesticide	Oman	Near East	XXXIX
Mevinphos	7786-34-7	Pesticide	Saudi Arabia	Near East	XXVII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Mirex	2385-85-5	Pesticide	El Salvador	Latin America and the Caribbean	XXVII
Mirex	2385-85-5	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
Mirex	2385-85-5	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
Mirex	2385-85-5	Pesticide	Nepal	Asia	XLII
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
Nicotine	54-11-5	Pesticide	Oman	Near East	XXXIX
Nitrofen	1836-75-5	Pesticide	Mexico	Latin America and the Caribbean	XXVIII
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	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
Phorate	298-02-2	Pesticide	Saudi Arabia	Near East	XXVII
Phosfolan	947-02-4	Pesticide	Saudi Arabia	Near East	XXVII
Phosphamidon	13171-21-6	Pesticide	Ecuador	Latin America and the Caribbean	XLVII
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
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
Simazine	122-34-9	Pesticide	Oman	Near East	XXXIX
Simazine	122-34-9	Pesticide	Saudi Arabia	Near East	XXXVIII
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	Mexico	Latin America and the Caribbean	XXVIII
Sodium fluoroacetate	62-74-8	Pesticide	Saudi Arabia	Near East	XXVII
Tefluthrin	79538-32-2	Pesticide	Oman	Near East	XXXIX
TEPP	107-49-3	Pesticide	Saudi Arabia	Near East	XXVII
Terbufos	13071-79-9	Pesticide	Saudi Arabia	Near East	XXVII

Chemical name	CAS No.	Category	Country	Region	PIC Circular
Tetradifon	116-29-0	Pesticide	Saudi Arabia	Near East	XXXVIII
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 Carribean	XLVII
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 decisions²¹ RC-3/3, RC-4/4, RC-6/8, RC-8/6 and RC-8/7 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,²² including the notifications of final regulatory action and supporting documentation made available to the Chemical Review Committee and the draft decision guidance documents.

²¹ <http://www.pic.int/tabid/1728/language/en-US/Default.aspx>.

²² <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**

Chrysotile asbestos (CAS No: 12001-29-5)		
PARTY	PIC CIRCULAR	LINK
European Union	PIC Circular XXVII (27), June 2008	http://www.pic.int/tabid/1186/language/en-US/Default.aspx
Switzerland	PIC Circular XXVI (26), December 2007	http://www.pic.int/tabid/1186/language/en-US/Default.aspx

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)		
PARTY	PIC CIRCULAR	LINK
Burkina Faso	PIC Circular XXXII (32), December 2010	http://www.pic.int/tabid/2396/language/en-US/Default.aspx

Carbosulfan (CAS No: 55285-14-8)		
PARTY	PIC CIRCULAR	LINK
European Union	PIC Circular XXXV (35), June 2012	http://www.pic.int/tabid/5393/language/en-US/Default.aspx
Burkina Faso, Cabo Verde, Chad, Gambia, Mauritania, the Niger, Senegal and Togo	PIC Circular XLI (41), June 2015	http://www.pic.int/tabid/5393/language/en-US/Default.aspx

Fenthion (ultra low volume (ULV) formulations at or above 640 g active ingredient/L) (CAS No: 55-38-9)		
PARTY	PIC CIRCULAR	LINK
Chad	PIC Circular XXXVI (36), December 2012	http://www.pic.int/tabid/4339/language/en-US/Default.aspx

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**

Chrysotile asbestos (CAS No: 12001-29-5)		
PARTY	IMPORT DECISION	DATE RECEIVED
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

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)		
PARTY	IMPORT DECISION	DATE RECEIVED
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