



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



## **PIC CIRCULAR XLVI (46) – December 2017**



### **ROTTERDAM CONVENTION**

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

# PIC CIRCULAR XLVI (46) – December 2017

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**APPENDIX VI**

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## INTRODUCTION

### 1. THE PURPOSE OF THE PIC CIRCULAR

The Rotterdam Convention on the Prior Informed Consent Procedure (PIC) for Certain Hazardous Chemicals 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 to be circulated by the Secretariat in line with Articles 4, 5, 6, 7, 10, 11, 13 and 14. The decision guidance documents 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 in the period from 1 May 2017 to 31 October 2017. To allow time for processing the information received in preparation of the PIC Circular, information received after 31 October 2017 has generally not been included, and will be included in the next PIC Circular.

Considerable efforts have been made by the Secretariat to ensure that the information included in the PIC Circular is complete and accurate. 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 (Article 4)

In line with paragraph 4 of Article 4, the Secretariat shall inform Parties of the notifications of designations of or changes to designated national authorities. A register of designated national authorities containing all contact details is distributed together with the present PIC Circular. This information is also available on the Rotterdam Convention website.<sup>1</sup>

#### 2.2 Notifications of final regulatory action (Article 5)

In line with paragraphs 3 and 4 of Article 5, the Secretariat shall forward to all Parties summaries of notifications of final regulatory action that have been verified to contain the information required by Annex I to the Convention. In addition, the Secretariat communicates to the Parties a synopsis of the information received pursuant to paragraphs 1 and 2 of Article 5, including information regarding those notifications which do not contain all the information required by Annex I to the Convention.

A synopsis of all the notifications of final regulatory action received from Parties since the last PIC Circular has been prepared in **Appendix I** of the PIC Circular. **Part A** of **Appendix I** contains summaries of notifications that have been verified as containing all the information required by Annex I to the Convention. **Part B** contains a list of notifications received, over the same period, that have been verified as not containing the information required by Annex I to the Convention. **Part C** lists notifications received which are still under verification by the Secretariat.

**Part A** of **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 2017) and verified as containing all the information required by Annex I to the Convention. **Part B** contains a list of notifications received, over the same period, that have been verified as not containing all the information required by Annex I to the Convention.

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<sup>1</sup> <http://www.pic.int/tabid/1168/language/en-US/Default.aspx>.

Parties that have adopted final regulatory actions are to notify the Secretariat within the timeframes established in paragraphs 1 and 2 of Article 5. Information on notifications submitted by Parties for the chemicals listed in Annex III to the Convention verified as containing the information required by Annex I to the Convention is also available on the Convention website.<sup>2</sup>

A synopsis of all notifications received before the adoption of the Convention (under the original prior informed consent procedure) was published in **PIC Circular X** in December 1999.<sup>3</sup> The notifications submitted before the adoption of the Convention do not meet the requirements of Annex I because the information requirements for notification under the original PIC procedure were different from those for the Convention. It should be noted that although Parties are not obliged to resubmit notifications submitted under the original PIC procedure (paragraph 2 of Article 5), they may wish to consider doing so for those chemicals not presently listed in Annex III if sufficient supporting information is available.

To facilitate the submission of notifications, a **form for notification of final regulatory action to ban or severely restrict a chemical and instructions on how to complete it** are available on the Convention website.<sup>4</sup>

### **2.3 Proposals for the listing of severely hazardous pesticide formulations (Article 6)**

In line with paragraph 2 of Article 6, the Secretariat shall forward to all Parties summaries of those proposals for the listing of severely hazardous pesticide formulations, which the Secretariat has verified to contain the information required by part 1 of Annex IV to the Convention.

The summaries of proposals received from Parties are provided in **Part A of Appendix II** of the PIC Circular. The proposals that are still under verification by the Secretariat are listed in **Part B** of this Appendix.

To facilitate the submission of proposals, an **incident report form for human health incidents involving severely hazardous pesticide formulations** and an **incident report form for environmental incidents involving severely hazardous pesticide formulations** are available on the Convention website.<sup>5</sup>

Proposals to the Secretariat must be submitted through the official channel of communication for the Parties.

### **2.4 Chemicals subject to the PIC procedure and distribution of decision guidance documents (Article 7)**

**Appendix III** of the PIC Circular lists all 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 dispatch of the corresponding decision guidance document to designated national authorities.

The Conference of the Parties, at its eighth meeting (24 April–5 May 2017), decided to amend Annex III to the Convention to include the following chemicals, and approved the related decision guidance documents:

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

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

<sup>4</sup> <http://www.pic.int/tabid/1182/language/en-US/Default.aspx>.

<sup>5</sup> <http://www.pic.int/tabid/1192/language/en-US/Default.aspx>.

| Chemical  | Relevant CAS number(s)  | Category   | Decision |
|---|---|------------|----------|
| Carbofuran  | 1563-66-2   | Pesticide  | RC-8/2   |
| Trichlorfon   | 52-68-6   | Pesticide  | RC-8/3   |
| Short-chain chlorinated paraffins   | 85535-84-8  | Industrial | RC-8/4   |
| All tributyltin compounds including:<br>- Tributyltin oxide<br>- Tributyltin fluoride<br>- Tributyltin methacrylate<br>- Tributyltin benzoate<br>- Tributyltin chloride<br>- Tributyltin linoleate<br>- Tributyltin naphthenate | 56-35-9<br>1983-10-4<br>2155-70-6<br>4342-36-3<br>1461-22-9<br>24124-25-2<br>85409-17-2 | Industrial | RC-8/5   |

The amendments entered into force for all Parties on 15 September 2017. The decisions to list the above chemicals in Annex III to the Convention including decision guidance documents on carbofuran, trichlorfon, short-chain chlorinated paraffins and the revised decision guidance document on tributyltin compounds approved by the Conference of the Parties were communicated to Parties with a request to provide an import response within nine months of dispatch of these documents (by 15 June 2018), in accordance with paragraph 2 of Article 10.

## 2.5 Information exchange on exports and export notifications (Article 12)

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.

Following discussions at the third meeting of the Conference of the Parties the Secretariat developed a **standard form for export notification** to assist Parties in meeting their obligations under the Convention. The form is available on the Convention website.<sup>6</sup>

The Conference of the Parties, at its eighth meeting, recalled decision RC-7/2 on the proposal on ways of exchanging information on exports and export notifications and urged Parties to continue implementing this decision, including the obligations under paragraph 2 of Article 11 and under Article 12. It also invited Parties to reply to the questionnaire on paragraph 2 of Article 11 and Articles 12 and 14.<sup>7</sup>

## 2.6 Information to accompany exported chemicals (Article 13)

In accordance with paragraph 1 of Article 13, the World Customs Organization has assigned specific Harmonized System (HS) 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, HS codes will be assigned by the World Customs Organization. A table containing this information is available on the Convention website.<sup>8</sup>

Each Party shall require that whenever an HS customs code has been assigned to a chemical listed in Annex III, the shipping document carries this assigned code when the chemical is exported.

<sup>6</sup> <http://www.pic.int/tabid/1365/language/en-US/Default.aspx>.

<sup>7</sup> <http://www.pic.int/tabid/5959/language/en-US/Default.aspx>.

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

## 2.7 Transmission of a response concerning future import of a chemical (Article 10)

In accordance with paragraph 2 of Article 10 of the Convention, 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.

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

In line with paragraph 4 of Article 10 of the Convention, the response shall consist of either a final decision or an interim response. The interim response may include an interim decision regarding import. The response must relate to the category or categories specified for the chemical listed in Annex III to the Convention.

As at 31 October 2017, the following Parties have submitted import responses for all 50 chemicals listed in Annex III to the Convention: Cook Islands, Guinea Bissau, Cabo Verde and Senegal. 153 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 12 Parties have failed to provide any import responses: Afghanistan, Botswana, Djibouti, Lesotho, Maldives, Marshall Islands, Montenegro, Namibia, Saint Vincent and the Grenadines, Sierra Leone, Somalia, and Ukraine.

When the Convention enters into force for new Parties, the Secretariat sends a welcome package. The package contains all information relevant to the implementation of the Convention together with the request for the submission of import responses.

To facilitate the submission of responses regarding import, a **form for import response and instructions on how to complete it** have been developed. The form and the instructions are available on the Convention website.<sup>9</sup>

Import responses must be submitted through the official channel of communication for the Party.

## 2.8 Information on responses received concerning future import of a chemical (Article 10 and Article 11)

Paragraph 10 of Article 10 states that every six months the Secretariat shall inform all Parties of the responses it has received, including a description of the legislative or administrative measures on which the decisions have been based, where available. The Secretariat shall, in addition, inform Parties of any cases of failure to transmit a response.

Beginning with volume XLIV (44), December 2016, the PIC Circular has been streamlined. **Appendix IV** includes an overview of new import responses received since the last PIC Circular. All import responses received from Parties and cases of failure to submit responses are available in the online database on the Convention website.<sup>10</sup>

## 2.9 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 (Decisions RC-3/3, RC-4/4, RC-6/8, RC-8/6 and RC-8/7)

Paragraph 1 of Article 14 states that each Party shall, as appropriate and in accordance with the objective of this Convention, facilitate: (a) the exchange of scientific, technical, economic and legal information concerning the chemicals within the scope of this Convention, including toxicological, eco-toxicological and safety information; (b) the provision of publicly available information on domestic regulatory

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<sup>9</sup> <http://www.pic.int/tabid/1165/language/en-US/Default.aspx>.

<sup>10</sup> <http://www.pic.int/tabid/1370/language/en-US/Default.aspx>.

actions relevant to the objectives of this Convention; and (c) the provision of information to other Parties, directly or through the Secretariat, on domestic regulatory actions that substantially restrict one or more uses of the chemical, as appropriate.

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.

## **2.10 Information on transit movements (Article 14)**

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 Convention**

The Convention entered into force on 24 February 2004, on the ninetieth day after the date of the deposit of the fiftieth instrument of ratification, acceptance, approval or accession. For each State or regional economic integration organization that ratifies, accepts or approves this Convention or accedes thereto after the deposit of the fiftieth such instrument, the Convention shall enter into force on the ninetieth day after the date of deposit by such State or regional economic integration organization of its instrument of ratification, acceptance, approval or accession.

As of 31 October 2017 there were 158 Parties to the Rotterdam Convention:<sup>11</sup>

Afghanistan, Albania, Antigua and Barbuda, Argentina, Armenia, Australia, Austria, Bahrain, Belgium, Belize, Benin, Bolivia (Plurinational State of), Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Burkina Faso, Burundi, Cabo Verde, Cambodia, Cameroon, Canada, Chad, Chile, China, Colombia, Congo, Cook Islands, Costa Rica, Côte d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Democratic Republic of the Congo, Denmark, Djibouti, Dominica, Dominican Republic, Ecuador, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, European Union, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guinea-Bissau, Guyana, Honduras, Hungary, India, Indonesia, Iran (Islamic Republic of), Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Kyrgyzstan, Lao People's Democratic Republic, Latvia, Lebanon, Lesotho, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Marshall Islands, Mauritania, Mauritius, Mexico, Mongolia, Montenegro, Morocco, Mozambique, Namibia, Nepal, Netherlands, New Zealand, Nicaragua, Niger, Nigeria, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Rwanda, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Samoa, Sao Tome and Principe, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, Slovakia, Slovenia, Somalia, South Africa, Spain, Sri Lanka,

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<sup>11</sup> <http://www.pic.int/tabid/1072/language/en-US/Default.aspx>.

Sudan, Suriname, Swaziland, Sweden, Switzerland, Syrian Arab Republic, Thailand, the former Yugoslav Republic of Macedonia, Togo, Tonga, Trinidad and Tobago, Tunisia, Uganda, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United Republic of Tanzania, Uruguay, Venezuela (Bolivarian Republic of), Viet Nam, Yemen, Zambia and Zimbabwe.

For those Parties for whom the Convention entered into force after 31 October 2017, all information will be reported in the next PIC Circular.

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

The following documents relevant to the implementation of the Convention are available on the Convention website:<sup>12</sup>

- Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (*Arabic, Chinese, English, French, Russian, Spanish*);
- Decision guidance documents for each of the chemicals in Annex III to the Convention (*English, French, Spanish*);
- Form and instructions for notification of final regulatory action to ban or severely restrict a chemical (*English, French, Spanish*);
- Form and instructions for import responses (*English, French, Spanish*);
- Form and instructions for reporting human health incidents and environmental incidents relating to severely hazardous pesticide formulations (*English, French, Spanish*);
- Export notification form and instructions (*English, French, Spanish*);
- Form for notification of designation of contacts (*English, French, Spanish*);
- All past PIC Circulars (*English, French, Spanish*);
- Register of designated national authorities for the Rotterdam Convention (*English*).

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

The Resource Kit<sup>13</sup> is a collection of publications containing information on the Rotterdam Convention. It has been developed with a range of end-users in mind, including the public, designated national authorities and stakeholders involved in the implementation of the Convention. It includes elements to assist in awareness-raising activities and detailed technical information and training materials aimed at facilitating implementation of the Convention.

The Stepwise Guide is a document developed as an introduction to the Resource Kit and the publications it includes. It provides a brief outline of the content of each publication, indicates the target audience and lists the languages in which they are available.

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<sup>12</sup> <http://www.pic.int/>.

<sup>13</sup> <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 2017 and 31 October 2017.

**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 2017 and 31 October 2017.

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

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

The information is also available on the Convention website.<sup>14</sup>

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<sup>14</sup> <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****IRAN (ISLAMIC REPUBLIC OF)**

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**Common Name(s):** Azinphos-ethyl**CAS number(s):** 2642-71-9**Chemical Name:** *O,O*-diethyl-*S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl]phosphorodithioate**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 formulation containing azinphos-ethyl and all uses of this preparation prohibited from 25 September 2002.**Use or uses that remain allowed:** None**The final regulatory action was based on a risk or hazard evaluation:** No**Summary of the final regulatory action:** The Pesticide Supervisory Board prohibited all formulations containing azinphos-ethyl from 25 August 2002.**The reasons for the final regulatory action were relevant to:** Human health and environment**Summary of known hazards and risks to human health:** Azinphos-ethyl is extremely toxic following acute oral and dermal exposures. Users are exposed to risks. Mostly are not skilled and they don't have the necessary precaution while using the pesticide. It is toxic to non-target arthropods and it affects useful predators and parasitizes. There is no statistical risk assessment information in the country.**Expected effect of the final regulatory action in relation to human health:** Reduction of risks for human and environment.**Summary of known hazards and risks to the environment:**

- **Animals:** In mammals, following oral administration, >90% is eliminated in the urine and faeces within 2 days. The major metabolites are the monodesethyl compound and benzazimide.
- **Plants:** In plants, metabolites identified include azinphos-ethyl-oxon, benzazimide, dimethylbenzazimide sulfide and dimethyl-benzazimide disulfide.
- **Soil/environment:** Based on the Koc value and leaching studies, azinphos-ethyl can be classified as a compound with very low mobility. The half-life is several weeks. Metabolites formed in soil under aerobic and anaerobic conditions are: desethy azinphos-ethyl, sulfonmethylbenzazimid, bis(benzazimidmethyl)ether, methylthiomethyl sulfoxide and methylthiomethyl sulfone.

**Expected effect of the final regulatory action in relation to the environment:** Reduction of risk.**Date of entry into force of the final regulatory action:** 25/08/2002**IRAN (ISLAMIC REPUBLIC OF)**

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**Common Name(s):** Azinphos-methyl**CAS number(s):** 86-50-0**Chemical Name:** *O,O*-dimethyl-*S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl]phosphorodithioate**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 formulation containing Azinphos-methyl and all uses of this preparation prohibited from 23 September 2010.**Use or uses that remain allowed:** None**The final regulatory action was based on a risk or hazard evaluation:** Nos**Summary of the final regulatory action:** The Pesticide Supervisory Board prohibited all formulations containing azinphos-methyl from 23 September 2010.

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

***Summary of known hazards and risks to human health:*** Azinphos-methyl is extremely toxic following acute oral and dermal exposures. Users are exposed to risks. Mostly are not skilled and they don't have the necessary precaution while using the pesticide. It is toxic to non-target arthropods and it affects useful predators and parasitizes. There is not statistical risk assessment information in the country.

***Expected effect of the final regulatory action in relation to human health:*** Reduction of risks for human and environment.

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

- **Animals:** In mammals, following oral administration, >95% is eliminated in the urine and faeces within 2 days. The major metabolites are the monodesmethyl compound and benzazimide.
- **Plants:** In plants, major metabolites identified include azinphos-methyl-oxon benzazimide, mercaptomethyl benzazimide and cysteinmethyl benzazimide.
- **Soil/Environment:** Degradation involves oxidation, demethylation, and hydrolysis. Based on the Koc values and leaching studies, azinphos-methyl can be classified as a compound with low mobility. The half-life in soil is several weeks.

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

***Date of entry into force of the final regulatory action:*** 23/09/2010

## SOUTH AFRICA

***Common Name(s):*** Nonylphenols and nonylphenol ethoxylates

***CAS number(s):*** 104-40-5, 11066-49-2, 127087-87-0, 25154-52-3, 26027-38-3, 37205-87-1, 68412-54-4, 84852-15-3, 9016-45-9, 90481-04-2

***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:*** Placing on the market as adjuvant or used as a substance or constituent of preparations, including co-formulants (inerts) in fertilizers, stock remedies and agricultural remedies.

***Use or uses that remain allowed:*** No pesticide use allowed.

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

***Summary of the final regulatory action:*** Reasons for severely restricting nonylphenol ethoxylates is due to its risk to human health and the environment - oestrogenic activity on wildlife (aquatic and land animals); and its discharge into the natural resources - nonylphenol and nonylphenol ethoxylates are commonly used in industrial and domestic cleaning products, pesticides, paints, and other products as wetting agents. NPEs and NPs have been found in sewage effluent and natural water systems in the Republic of South Africa and range of other countries (e.g. Australia 2007; United Kingdom and the EU) at concentrations that would be likely to cause adverse environmental effects. Due to the mismanagement of its use. Research has shown that the different uses of nonylphenol are not properly applied or managed in an environmentally sound manner and therefore this has resulted in discharge of the chemical in the natural water resources and this has raised concerns by both the research institutions as well as the Department of Environmental Affairs.

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

***Summary of known hazards and risks to human health:*** Final Regulatory Action was taken to protect human health from the following:

- **Acute toxicity:** NP causes skin corrosion. Causes severe skin burns and eye damage;
- **Reproductive Toxicity (including developmental toxicity):** Suspected of damaging fertility or the unborn child. Exposure to EDCs such as nonylphenol and nonylphenol ethoxylates have implicated in a variety of urogenital disorders in men including testicular abnormalities;
- **Endocrine disruption:** Has estrogenic effects-environmental chemical with oestrogenic activity which mimic the natural hormones found in humans.

***Expected effect of the final regulatory action in relation to human health:*** It is expected that the reduction in the importation of nonylphenol and nonylphenol ethoxylates would result in significant

decrease in the quantity of the chemical used. As a result, reproductivitive toxicity as well as developmental toxicity will decline in the country.

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

- **Acute/chronic aquatic toxicity:** Very toxic and wildlife such as fish and antelopes. It causes testicular abnormalities which affect the anima's reproduction. Significant amounts of nonylphenol and nonylphenol ethoxylates have shown to be bioaccumulative in fat cells of wild animals such as the eland.
- **Spermatogenesis (the generation of sperms):** In affected males was impaired and the defected sperms cannot reproduce.
- **Bioaccumulation:** Moderately bioaccumulative.
- **Persistence:** Not readily biodegradable and persistence increases with branching.

***Expected effect of the final regulatory action in relation to the environment:*** As a result, the environmental impacts such as aquatic toxicity will decline.

***Date of entry into force of the final regulatory action:*** 31/05/2010

## **SRI LANKA**

***Common Name(s):*** Polychlorinated Biphenyls (PCBs)

***CAS number(s):*** 1336-36-3

***Chemical Name:*** Polychlorinated biphenyls

***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:*** Importation is banned by this regulation, but not mentioned about the use.

***Use or uses that remain allowed:*** In this regulation, uses of PCBs have not been mentioned, therefore existing transformers with PCBs can be used until they become obsolete or safely disposed.

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

***Summary of the final regulatory action:*** Importation of chemical PCBs and PCBs containing articles is banned.

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

***Summary of known hazards and risks to human health:*** Based on the International studies and the Recommendations of the WHO and Rotterdam Convention and the Stockholm Convention.

***Expected effect of the final regulatory action in relation to human health:*** To stop the PCBs coming in to the country and to safely dispose the already existing PCBs.

***Summary of known hazards and risks to the environment:*** Based on the International studies and the Recommendations of the WHO and Rotterdam Convention and the Stockholm Convention.

***Expected effect of the final regulatory action in relation to the environment:*** To stop the PCBs coming in to the country and to safely dispose the already existing PCBs.

***Date of entry into force of the final regulatory action:*** 05/07/2013

**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**

None.

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

| <b>Chemical name</b> | <b>CAS No.</b> | <b>Category</b> | <b>Country</b> | <b>Region</b> | <b>Annex III</b> |
|----------------------|----------------|-----------------|----------------|---------------|------------------|
| Mercury              | 7439-97-6      | Industrial      | Sweden         | Europe        | No               |

**APPENDIX II**

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

**PART A**

**SUMMARY OF EACH PROPOSAL FOR INCLUSION OF A SEVERELY  
HAZARDOUS PESTICIDE FORMULATION THAT HAS BEEN VERIFIED TO  
CONTAIN ALL INFORMATION REQUESTED BY PART I 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  | CAS number  | Category  | Date of first dispatch of decision guidance document |
|---|---|-----------|--|
| 2,4,5-T and its salts and esters  | 93-76-5 <sup>1</sup>  | Pesticide | Prior to adoption of 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<br>2980-64-5<br>5787-96-2<br>2312-76-7   | Pesticide | 1 February 2005                                      |
| Dinoseb and its salts and esters  | 88-85-7 <sup>1</sup>  | 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 <sup>2</sup>                       |
| 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 <sup>1</sup>  | Pesticide | Prior to adoption of Convention                      |
| Toxaphene   | 8001-35-2   | Pesticide | 1 February 2005                                      |
| All tributyltin compounds including:<br>- Tributyltin oxide<br>- Tributyltin fluoride<br>- Tributyltin methacrylate<br>- Tributyltin benzoate<br>- Tributyltin chloride<br>- Tributyltin linoleate<br>- Tributyltin naphthenate | 56-35-9<br>1983-10-4<br>2155-70-6<br>4342-36-3<br>1461-22-9<br>24124-25-2<br>85409-17-2 | Pesticide | 1 February 2009 <sup>3</sup>                         |
| Trichlorfon   | 52-68-6   | Pesticide | 15 September 2017                                    |

| Chemical   | CAS number  | Category                                 | Date of first dispatch of decision guidance document  |
|--|---|--|---|
| Dustable powder formulations containing a combination of:<br>- Benomyl at or above 7%,<br>- Carbofuran at or above 10%,<br>- Thiram at or above 15%  | 17804-35-2<br>1563-66-2<br>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)<br>23783-98-4 ((Z)-isomer)<br>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:<br>- Actinolite<br>- Anthophyllite<br>- Amosite<br>- Crocidolite<br>- Tremolite  | 77536-66-4<br>77536-67-5<br>12172-73-5<br>12001-28-4<br>77536-68-6  | Industrial                               | 1 February 2005<br>1 February 2005<br>1 February 2005<br>Prior to adoption of Convention<br>1 February 2005 |
| Commercial octabromodiphenyl ether including:<br>- Hexabromodiphenyl ether<br>- Heptabromodiphenyl ether   | 36483-60-0<br>68928-80-3  | Industrial                               | 10 August 2013  |
| Commercial pentabromodiphenyl ether including:<br>- Tetrabromodiphenyl ether<br>- Pentabromodiphenyl ether   | 40088-47-9<br>32534-81-9  | Industrial                               | 10 August 2013  |
| Perfluorooctane sulfonic acid, perfluorooctane sulfonates, perfluorooctane sulfonamides and perfluorooctane sulfonyls including:<br>- Perfluorooctane sulfonic acid<br>- Potassium perfluorooctane sulfonate<br>- Lithium perfluorooctane sulfonate<br>- Ammonium perfluorooctane sulfonate<br>- Diethanolammonium perfluorooctane sulfonate<br>- Tetraethylammonium perfluorooctane sulfonate<br>- Didecyldimethylammonium perfluorooctane sulfonate<br>- N-Ethylperfluorooctane sulfonamide<br>- N-Methylperfluorooctane sulfonamide<br>- N-Ethyl-N-(2-hydroxyethyl)perfluorooctane sulfonamide<br>- N-(2-Hydroxyethyl)-N-methylperfluorooctane sulfonamide<br>- Perfluorooctane sulfonyl fluoride | 1763-23-1<br>2795-39-3<br>29457-72-5<br>29081-56-9<br>70225-14-8<br>56773-42-3<br>251099-16-8<br>4151-50-2<br>31506-32-8<br>1691-99-2<br>24448-09-7<br>307-35-7 | Industrial                               | 10 August 2013  |
| Polybrominated biphenyls (PBB)   | 36355-01-8 (hexa-)<br>27858-07-7 (octa-)<br>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   |

| Chemical  | CAS number  | Category   | Date of first dispatch of decision guidance document |
|---|---|------------|--|
| Tetraethyl lead   | 78-00-2   | Industrial | 1 February 2005                                      |
| Tetramethyl lead  | 75-74-1   | Industrial | 1 February 2005                                      |
| All tributyltin compounds including:<br>- Tributyltin oxide<br>- Tributyltin fluoride<br>- Tributyltin methacrylate<br>- Tributyltin benzoate<br>- Tributyltin chloride<br>- Tributyltin linoleate<br>- Tributyltin naphthenate | 56-35-9<br>1983-10-4<br>2155-70-6<br>4342-36-3<br>1461-22-9<br>24124-25-2<br>85409-17-2 | Industrial | 15 September 2017 <sup>4</sup>                       |
| 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 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. A revised decision guidance document was subsequently 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 2017 and 31 October 2017) 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

#### **2,4,5-T and its salts and esters**

Tunisia

#### **Alachlor**

Benin

Burkina Faso

Honduras

Thailand

Tunisia

#### **Aldicarb**

Benin

Burkina Faso

Honduras

South Africa

Thailand

Tunisia

#### **Aldrin**

South Africa

Tunisia

#### **Azinphos-methyl**

Benin

Burkina Faso

Honduras

Thailand

Tunisia

#### **Binapacryl**

Honduras

South Africa

Tunisia

#### **Captafol**

South Africa

Tunisia

#### **Carbofuran**

Cabo Verde

Chad

Cook Islands

Guinea-Bissau

Mali

Senegal

Thailand

Tunisia

#### **Chlordane**

Tunisia

#### **Chlordimeform**

South Africa

Tunisia

#### **Chlorobenzilate**

Tunisia

#### **DDT**

Tunisia

#### **Dieldrin**

Tunisia

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

Honduras

Tunisia

#### **Dinoseb and its salts and esters**

South Africa

Tunisia

#### **1,2-dibromoethane (EDB)**

Tunisia

#### **Endosulfan**

Benin

Burkina Faso

Honduras

Tunisia

#### **Ethylene dichloride**

Honduras

Tunisia

#### **Ethylene oxide**

Honduras

Tunisia

#### **Fluoroacetamide**

Tunisia

#### **HCH (mixed isomers)**

Tunisia

#### **Heptachlor**

South Africa

Tunisia

#### **Hexachlorobenzene**

Tunisia

#### **Lindane**

Tunisia

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

Tunisia

**Methamidophos**

Benin

Burkina Faso

Cabo Verde

Gambia

Honduras

Thailand

Tunisia

United Arab Emirates

**Monocrotophos**

Honduras

Tunisia

**Parathion**

Tunisia

**Pentachlorophenol and its salts and esters**

Honduras

Tunisia

**Toxaphene**

Tunisia

**All tributyltin compounds**

Honduras

Thailand

Tunisia

**Trichlorfon**

Cabo Verde

Chad

Cook Islands

Guinea-Bissau

Mali

Senegal

Thailand

Tunisia

**Severely hazardous pesticide formulations****Dustable powder formulations containing a combination of benomyl at or above 7%, carbofuran at or above 10% and thiram at or above 15%**

Honduras

Tunisia

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

Tunisia

**Phosphamidon (Soluble liquid formulations of the substance that exceed 1000 g active ingredient/L)**

Honduras

South Africa

Tunisia

**Industrial Chemicals****Actinolite asbestos**

Togo

**Amosite asbestos**

Togo

**Anthophyllite asbestos**

Togo

**Crocidolite asbestos**

Togo

**Tremolite asbestos**

Togo

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

Congo

Togo

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

Congo

Togo

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

Congo

Togo

**Polybrominated biphenyls (PBB)**

Congo

Togo

**Polychlorinated biphenyls (PCB)**

Togo

**Polychlorinated terphenyls (PCT)**

Togo

**Short-chain chlorinated paraffins**

Cabo Verde

Cook Islands

Guinea-Bissau

Mali

Senegal

**Tetraethyl lead**

Togo

**Tetramethyl lead**

Togo

**All tributyltin compounds**

Cabo Verde

Cook Islands

Guinea-Bissau

Mali

Senegal

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

Togo

**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 2017) 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 2017) verified as not containing all the information required by Annex I to the Convention.

The information is also available on the Convention website.<sup>15</sup>

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<sup>15</sup> <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 number  | Category   | Country           | Region        | Published in 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-tert-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 <sub>8-14</sub> -alkyl esters, <i>tert</i> -Bu benzenecarboperoxoate-initiated | 459415-06-6 | Industrial | Canada            | North America | XLI                       |
| 2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, gamma-omega-perfluoro-C <sub>10-16</sub> -alkyl acrylate and stearyl methacrylate                                    | 203743-03-7 | Industrial | Canada            | North America | XLI                       |
| 4-Aminobiphenyl   | 92-67-1     | Industrial | 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                     |

| Chemical name               | CAS number  | Category               | Country                    | Region        | Published in PIC Circular |
|-----------------------------|-------------|------------------------|----------------------------|---------------|---------------------------|
| 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                       |
| 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                      |

| Chemical name  | CAS number  | Category               | Country              | Region        | Published in PIC Circular |
|--|-------------|------------------------|----------------------|---------------|---------------------------|
| 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                      |
| 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        | XXXVI                     |
| 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                       |

| Chemical name  | CAS number  | Category               | Country           | Region                          | Published in PIC Circular |
|--|---|------------------------|-------------------|---------------------------------|---------------------------|
| 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                       |
| 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,<br>10326-21-3,<br>3811-04-9<br>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,<br>75-71-8,<br>76-13-1,<br>76-14-2,<br>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                       |
| Chlozolinate   | 84332-86-5  | Pesticide              | European Union    | Europe                          | XVI                       |
| Chrysotile asbestos  | 12001-29-5  | Industrial             | Australia         | Southwest Pacific               | XIX                       |

| Chemical name  | CAS number                          | Category               | Country        | Region                          | Published in PIC Circular |
|--|-------------------------------------|------------------------|----------------|---------------------------------|---------------------------|
| 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                      |
| Cyhexatin  | 13121-70-5                          | Pesticide              | Japan          | Asia                            | XX                        |
| DDD  | 72-54-8                             | Pesticide              | Thailand       | Asia                            | XX                        |
| Decabromodiphenyl ether  | 1163-19-5                           | Industrial             | Norway         | Europe                          | XXXIX                     |
| 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,<br>867-27-6,<br>919-86-8 | Pesticide & Industrial | Japan          | Asia                            | XX                        |
| Diazinon   | 333-41-5                            | Pesticide              | European Union | Europe                          | XXXII                     |
| Dibromochloropropane (DBCP)  | 96-12-8                             | Pesticide              | Canada         | North America                   | XXII                      |
| Dibromochloropropane (DBCP)  | 96-12-8                             | Pesticide              | Colombia       | Latin America and the Caribbean | XLV                       |
| Dibromochloropropane (DBCP)  | 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                     |

| Chemical name                            | CAS number                             | Category                | Country           | Region                          | Published in PIC Circular |
|--|--|-------------------------|-------------------|---------------------------------|---------------------------|
| 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                     |
| Difenoconazole                           | 119446-68-3                            | Pesticide               | Norway            | Europe                          | XXXII                     |
| 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                          | XXVII                     |
| Diniconazole-M                           | 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                       |
| 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**,<br>959-98-8,<br>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                        |

| Chemical name                                   | CAS number   | Category                | Country        | Region                          | Published in PIC Circular |
|---|--|-------------------------|----------------|---------------------------------|---------------------------|
| 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-P-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                       |
| Fonofos   | 944-22-9   | Pesticide               | Thailand       | Asia                            | XIV                       |
| Furfural  | 98-01-1  | Pesticide               | Canada         | North America                   | XXII                      |
| Hexabromocyclododecane                          | 25637-99-4,<br>3194-55-6,<br>134237-50-6,<br>134237-51-7,<br>134237-52-8 | Industrial              | China          | Asia                            | XLV                       |
| Hexabromocyclododecane                          | 25637-99-4   | Industrial              | Japan          | Asia                            | XLIV                      |
| Hexabromocyclododecane                          | 25637-99-4,<br>3194-55-6,<br>134237-50-6,<br>134237-51-7,<br>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                      |

| Chemical name   | CAS number  | Category   | Country              | Region                          | Published in PIC Circular |
|---|-------------|------------|----------------------|---------------------------------|---------------------------|
| Hexachloroethane  | 67-72-1     | Industrial | Latvia               | Europe                          | XX                        |
| Hexane, 1,6-diisocyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoromethylene), C <sub>16-20</sub> -branched alcohols and 1-octadecanol | N/A         | 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                        |
| 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   |             | Industrial | Sweden               | Europe                          | XXIII                     |
| 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                        |

| Chemical name       | CAS number | Category               | Country            | Region                          | Published in PIC Circular |
|---------------------|------------|------------------------|--------------------|---------------------------------|---------------------------|
| 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              | Paraguay           | Latin America and the Caribbean | XXIX                      |
| Methyl parathion    | 298-00-0   | Pesticide              | Thailand           | Asia                            | XXI                       |
| 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                        |

| Chemical name  | CAS number  | Category               | Country        | Region                          | Published in PIC Circular |
|--|---|------------------------|----------------|---------------------------------|---------------------------|
| 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,<br>28726-30-9,<br>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,<br>25154-52-3,<br>84852-15-3,<br>90481-04-2   | Pesticide & Industrial | European Union | Europe                          | XXIII                     |
| Nonylphenol ethoxylate   | 127087-87-0,<br>26027-38-3,<br>37205-87-1,<br>68412-54-4,<br>9016-45-9  | Pesticide & Industrial | European Union | Europe                          | XXIII                     |
| Nonylphenols and nonylphenol ethoxylates   | 104-40-5,<br>11066-49-2,<br>127087-87-0,<br>25154-52-3,<br>26027-38-3,<br>37205-87-1,<br>68412-54-4,<br>84852-15-3,<br>9016-45-9,<br>90481-04-2 | Pesticide              | South Africa   | Africa                          | XLVI                      |
| Nonylphenols and nonylphenol ethoxylates   | 104-40-5,<br>11066-49-2,<br>25154-52-3,<br>84852-15-3,<br>90481-04-2,<br>127087-87-0,<br>26027-38-3,<br>37205-87-1,<br>68412-54-4,<br>9016-45-9 | Pesticide & Industrial | Switzerland    | Europe                          | XXXVI                     |
| 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                     |

| Chemical name   | CAS number   | Category                | Country              | Region                          | Published in PIC Circular |
|---|--|-------------------------|----------------------|---------------------------------|---------------------------|
| 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**,<br>131-52-2,<br>27735-64-4,<br>3772-94-9  | Pesticide* & Industrial | Japan                | Asia                            | XLIV                      |
| Perfluorooctane sulphonate (PFOS), its salts and perfluorooctanesulfonyl fluoride (PFOSF) | 2795-39-3**,<br>70225-14-8**,<br>29081-56-9**,<br>29457-72-5**,<br>307-35-7**                          | Pesticide & Industrial* | China                | Asia                            | XLV                       |
| Perfluorooctanoic acid (PFOA) and its salts and esters                                    | 335-67-1,<br>3825-26-1,<br>335-95-5,<br>2395-00-8,<br>335-93-3,<br>335-66-0,<br>376-27-2,<br>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                          | XXVII                     |

| Chemical name                | CAS number  | Category               | Country        | Region                          | Published in PIC Circular |
|------------------------------|---|------------------------|----------------|---------------------------------|---------------------------|
| 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,<br>1321-65-9,<br>1335-88-2,<br>1321-64-8,<br>1335-87-1,<br>32241-08-0,<br>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                          | XXXVI                     |
| 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                     |
| Propoxycarbazone sodium      | 145026-81-9   | Pesticide              | Norway         | Europe                          | XV                        |
| 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                       |

| Chemical name                            | CAS number  | Category               | Country           | Region                          | Published in PIC Circular |
|--|---|------------------------|-------------------|---------------------------------|---------------------------|
| 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,<br>84713-12-2,<br>634-66-2,<br>634-90-2,<br>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                          | XXVII                     |
| 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                       |
| 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        | Category  | Country      | Region                             | Published in 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-trichlorophenoxy)ethyl<br>2,2dichloropropanoate | 136-25-4   | Pesticide | Saudi Arabia | Near East                          | XXVII                     |
| 2,4,5-TP (Silvex; Fenoprop)                              | 93-72-1    | Pesticide | Saudi Arabia | Near East                          | XXXII                     |
| 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 | 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 | Oman         | Near East                          | XXXIX                     |
| Benomyl  | 17804-35-2 | Pesticide | Saudi Arabia | Near East                          | XXXVIII                   |
| Bifenthrin   | 82657-04-3 | Pesticide | Oman         | Near East                          | XXXIX                     |
| Bromadiolone   | 28772-56-7 | Pesticide | Oman         | Near East                          | XXXIX                     |
| Bromadiolone   | 28772-56-7 | Pesticide | Saudi Arabia | Near East                          | XXXVIII                   |
| Bromofos-ethyl   | 4824-78-6  | Pesticide | Oman         | Near East                          | XXXIX                     |
| Bromofos-ethyl   | 4824-78-6  | Pesticide | Saudi Arabia | Near East                          | 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<br>the Caribbean | XXVII                     |
| Carbaryl   | 63-25-2    | Pesticide | Saudi Arabia | Near East                          | XXXVIII                   |
| Chloranil  | 118-75-2   | Pesticide | Mexico       | Latin America and<br>the Caribbean | XXVIII                    |
| Chloranil  | 118-75-2   | Pesticide | Saudi Arabia | Near East                          | XXXII                     |
| Chlordecone  | 143-50-0   | Pesticide | Mexico       | Latin America and<br>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                     |

| Chemical name               | CAS        | Category   | Country      | Region                          | Published in PIC Circular |
|-----------------------------|------------|------------|--------------|---------------------------------|---------------------------|
| 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                    |
| Dibromochloropropane (DBCP) | 96-12-8    | Pesticide  | Mexico       | Latin America and the Caribbean | XXVIII                    |
| Dibromochloropropane (DBCP) | 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  | 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                     |

| Chemical name             | CAS         | Category  | Country      | Region                          | Published in PIC Circular |
|---------------------------|-------------|-----------|--------------|---------------------------------|---------------------------|
| 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 | 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                     |
| Mirex                     | 2385-85-5   | Pesticide | El Salvador  | Latin America and the Caribbean | XXVII                     |
| 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                    |

| Chemical name  | CAS        | Category  | Country      | Region                          | Published in PIC Circular |
|--|------------|-----------|--------------|---------------------------------|---------------------------|
| 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                     |
| 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                     |
| 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                     |
| Zineb  | 12122-67-7 | Pesticide | Oman         | Near East                       | XXXIX                     |
| Zineb  | 12122-67-7 | Pesticide | Saudi Arabia | Near East                       | XXXVIII                   |

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

In line with decisions 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,<sup>16</sup> including the notifications of final regulatory action and supporting documentation made available to the Chemical Review Committee and the draft decision guidance documents.

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<sup>16</sup> <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**

| <b>Chrysotile asbestos (CAS number: 12001-29-5)</b> |                                       |   |
|---|---------------------------------------|---|
| <b>PARTY</b>  | <b>PIC CIRCULAR</b>                   | <b>LINK</b>   |
| European Union                                      | PIC Circular XXVII (27), June 2008    | <a href="http://www.pic.int/tabid/1186/language/en-US/Default.aspx">http://www.pic.int/tabid/1186/language/en-US/Default.aspx</a> |
| Switzerland   | PIC Circular XXVI (26), December 2007 | <a href="http://www.pic.int/tabid/1186/language/en-US/Default.aspx">http://www.pic.int/tabid/1186/language/en-US/Default.aspx</a> |

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

| <b>Chrysotile asbestos (CAS number: 12001-29-5)</b> |   |                      |
|---|---|----------------------|
| <b>PARTY</b>  | <b>IMPORT DECISION</b>  | <b>DATE RECEIVED</b> |
| European Union                                      | <p><u>Consent to import only subject to specified conditions:</u></p> <p>The manufacture, placing on the market and use of chrysotile asbestos fibres and of articles containing these fibres added intentionally is prohibited. However, Member States may exempt the placing on the market and use of diaphragms containing chrysotile for existing electrolysis installations until they reach the end of their service life, or until suitable asbestos-free substitutes become available, whichever is the sooner. By 1 June 2011 Member States making use of this exemption shall provide a report to the Commission. The Commission shall ask the European Chemicals agency to prepare a dossier with a view to prohibit the placing on the market and use of diaphragms containing chrysotile.</p> <p><u>Administrative measure:</u></p> <p>The chemical was prohibited (with the one limited derogation referred to section 5.3 above) by Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Communities (OJ) L396 of 30 December 2006, p. 1) as amended by Commission Regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (OJ L 164 of 22 June 2009, p. 7).</p> | 6 October 2009       |

| <b>Liquid formulations (emulsifiable concentrate and soluble concentrate) containing paraquat dichloride at or above 276 g/L, corresponding to paraquat ion at or above 200 g/L</b> |  |                      |
|---|--|----------------------|
| <b>PARTY</b>  | <b>IMPORT DECISION</b>   | <b>DATE RECEIVED</b> |
| Qatar   | <p><u>No consent to import</u></p> <p><u>Administrative measure:</u><br/>           (*) 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      |