



**United Nations
Environment Programme**

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

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**Rotterdam Convention on the Prior Informed
Consent Procedure for Certain Hazardous
Chemicals and Pesticides in International Trade
Chemical Review Committee**

Fifth meeting

Rome, 23–27 March 2009

Item 5 of the provisional agenda*

Other matters

**Information on trade in chemicals under consideration by the
Chemical Review Committee at its fifth meeting**

1. The annex to the present note contains submissions made to the Secretariat containing information on trade in chemicals under consideration by the Chemical Review Committee at its fifth meeting. The annex has not been formally edited by the Secretariat.
2. The following material is included in the annex:
 - (a) Table with summary of information received and collected by the Secretariat as of 1 February 2009;
 - (b) Information submitted by Canada
 - (c) Information submitted by Thailand
 - (d) Information submitted by European Community
 - (e) Information submitted by Pesticide Action network (PAN)
 - (f) Information submitted by Croplife

* UNEP/FAO/RC/CRC.5/1.

Annex

List of countries

a) Table with summary of information received and collected by the Secretariat as of 1 February 2009

Chemical name	Source of information
Azinphos-methyl	<p>b) Canada: azinphos-methyl technical active ingredient is manufactured in Israel, and all end-use products are manufactured in the US. Not manufactured in Canada.</p> <p>c) Thailand Azinphos-methyl and phorate have never been neither manufactured nor exported. The last amount of phorate (25 tons) was imported for use in Thailand in 1980 while azinphos-methyl has never been imported into the country.</p> <p>d) European Community: information on quantity in use</p> <p>e) Pesticide Action Network Sold and marketed in many countries, under several names</p> <p>f) Croplife: confirm the international trade</p>
Methyl parathion	<p>d) European Community: information on exports</p> <p>e) Pesticide Action Network sold by Cheminova in many countries</p> <p>f) Croplife: confirm the international trade</p>
Mirex	<p>e) Pesticide Action Network: Not found specific information on trade</p> <p>f) Croplife: there may have been international trade in the recent past</p>
Paraquat	<p>d) European Community: information on quantity in use</p> <p>e) Pesticide Action Network: widely used</p> <p>f) Croplife: confirm the international trade</p>
Phorate	<p>b) Canada Phorate technical active ingredient and end use product are all manufactured in the US. Not manufactured in Canada.</p> <p>c) Thailand Azinphos-methyl and phorate have never been neither manufactured nor exported. The last amount of phorate (25 tons) was imported for use in Thailand in 1980 while azinphos-methyl has never been imported into the country.</p> <p>e) Pesticide Action Network sold by Profico as Thimet</p> <p>f) Croplife: confirm the international trade</p>
Hexachlorobutadiene	
Hexachlorobenzene	

-----Original Message-----

From: Hang Tang [mailto:Hang_Tang@hc-sc.gc.ca]

Sent: 08 October 2008 19:57

To: Tagliati, Elisabetta (AGPP)

Cc: Jody Hopwood

Subject: Emailing: Azinphos-methyl-Canada

Dear Ms. Tagliati,

Here are further information, requested as per the letter to Canadian DNA, related to our notifications of azinphos-methyl and phorate.

Azinphos-methyl technical active ingredient is manufactured in Israel, and all end-use products are manufactured in the US.

Phorate technical active ingredient and end use product are all manufactured in the US.

None of these chemicals are manufactured in Canada. We do not have any information as to when the chemical was last imported into Canada.

Regards,

Hang Tang
PMRA, health Canada

No. 0913/4949



Department of Agriculture,
Phahonyothin Rd., Chatuchak,
Bangkok 10900
Thailand

10 October B.E. 2551 (2008)

Mr. Peter Kenmore
Co-Executive Secretary, Rotterdam Convention,
Food and Agriculture Organization of the United Nations,
Viale delle Terme di Caracalla,
00100 Rome, Italy

Dear Sir,

Subject : PIC procedure-2 verified notifications from each of 2 PIC regions

Please refer to your letter No. PL 36/11 dated 15 September 2008 regarding notifications of final regulatory action on azinphos-methyl and phorate. I would like to inform you that we based our decision for banning of such pesticides on evaluation of risk in the documents as attached. The reason for banning of these pesticides was due to their highly acute toxicity to human.

Azinphos-methyl and phorate have neither been manufactured in Thailand nor exported. The last amount of phorate (25 tons) was imported for use in Thailand in 1980 while azinphos-methyl has never been imported into the country.

Kind regards.

Yours sincerely,

(Mr.Somchai Charnnarongkul)
Director General
Department of Agriculture

Office of Agricultural Regulation,
Tel. 662-5797986
Fax. 662-5797988



EUROPEAN COMMISSION

DIRECTORATE-GENERAL

ENVIRONMENT

Directorate B - Protecting the Natural Environment

ENV.B.3 - Biotechnology, Pesticides & Health

Brussels, 14/1/2009
JH/ch Arès (09) 4381

Mr. Peter Kenmore
Secretariat for the Rotterdam
Convention, Plant Protection
Service
Plant Production and Protection
Division, FAO
Viale delle Terme di Caracalla
IT- 00100 Rome

Information on use and trade of chemicals in the European Community

Dear Mr Kenmore,

Replying to your request for submission of information on use and trade of chemicals that will be discussed at the 5th meeting of the Chemical Review Committee, I would like to provide you with the following data:

Use of pesticides in the European Union (in tons)

Chemical/Year	1997	1998	1999	2000	2001	2002	2003
Azinphos-methyl	196	182	221	204	184	202	87
Paraquat	409	368	345	348	402	483	493

Exports of chemicals

Chemical/Year	2005	2006	2007
Methyl parathion	< 1000 tons*	< 1000 tons*	< 1000 tons*

* Precise figures can not be disclosed but exports amounted to less than 1000 tons per year.

Yours sincerely,

Paul SPEIGHT
Deputy Head of Unit

Peter Kenmore
Food and Agriculture Organization of the United Nations (FAO)
Viale delle Terme di Caracalla
00100 Rome, Italy

23 December 2008

PIC Procedure – determination of ongoing trade

Dear Peter

Further to your letter of 25 September 2008, here is the relevant information on the chemicals scheduled for review at the PIC Chemical Review Committee (CRC5) in March 2009.

Paraquat

Paraquat is still widely used.

Paraquat products with active registrations in the U.S

Product	Company	EPA Registration Number	% Paraquat
Paraquat Concentrate ES	Syngenta	100-1067	45.6
Gramoxone Inteon	Syngenta	100-1217	30.1
Cyclone Star	Syngenta	100-1316	30.1
Herbiquat	Marman	48273-27	37.3
Parazone 3SL	Makhteshim	66222-130	43.8
	Agan N.A.		
Paraquat Technical Conc.	Sinon Corp (China)	70552	46.2
Helmquat 3 SL	Helm Agro	74530-32	43.8
Paraquat Concentrate	Source	82542	43.2
	Dynamics		
Paraquat SL Herbicide	Sinon USA	82557	43.8
Paraquat Technical	Celsius Property (Amsterdam)	83558	45.4

Source: <http://ppis.ceris.purdue.edu/htbin/ppisprod.com> (search PC code 061601)

See also:

http://pesticideinfo.org/List_Products.jsp?Rec_Id=PC33358&Chem_Name=Paraquat%20dichloride&PC_Code=061601.%20061603

California Pesticide Use Registration Data (Paraquat)

Year	Total use (lbs)	Cotton (lbs)	Almonds (lbs)
2000	975,057	269,198	168,822
2001	752,412	197,447	123,098
2002	846,072	194,208	149,711
2003	989,624	237,014	140,047
2004	951,932	226,292	193,497
2005	1,038,500	235,045	225,874
2006	1,141,360	267,835	256,080

* Wine grapes and table & raisin grapes are the next highest use crops in California.

Sources: <http://www.cdpr.ca.gov/docs/pur/purmain.htm>,
http://pesticideinfo.org/Search_Use.jsp

Figures for paraquat production in **China** appear at:

<http://www.markt-studie.de/studien/production-market-paraquat-china-p-22148.html>

Methyl parathion

Sold by Cheminova in many countries:

http://www.cheminova.com/en/csr_report/sales_and_product_stewardship
<http://www.cypress.com/docs/msds/m48708.pdf> (MSDS 2005)

Azinphos-methyl

Sold and marketed in many countries, under several names. Examples include:

- Sold by Farmoz of Australia, as Gusathion (MSDS dated 2007) and Cotnion (MSDS dated 2006)
- Manufactured by Bayer Crop Science Chile (Gusathion)

http://www.farmoz.com.au/MSDS/FARMOZ/Gusathion_200SC_MSDS.pdf
http://www.farmoz.com.au/msds/farmoz/COTNION_16103852.pdf
<http://www.bayercropscience.cl/soluciones/fichaproducto.asp?id=5>

Phorate

Sold by Proficol Columbia as Thimet

<http://www.proficol.com.co/productos/pdf/INSECTICIDAS/THIMET.pdf>

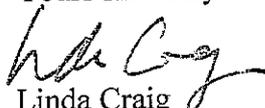
MSDS dated 2007 (AMVAC Chemical Corporation, USA)

<http://www.cdms.net/LDat/mp3GT012.pdf>

Mirex

We have found no specific information on trade in mirex as a pesticide.

Yours sincerely


Linda Craig
Director



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January 15, 2009

Secretariat for the Rotterdam Convention
Plant Protection Service
Plant Production and Protection Service
FAO
Viale delle Terme di Caracalla
00100 Rome, Italy

Gentlemen;

Subject: On-going Trade for Azinphos-methyl, Methyl Parathion, Mirex, Paraquat and Phorate

CropLife International is pleased to provide a response to the Secretariat's query as to whether there is continuing international trade in the five subject chemicals.

We can confirm there is international trade for azinphos-methyl, methyl parathion, paraquat and phorate. There may have been international trade in the recent past of mirex.

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Morelli".

Michael A. Morelli, Ph.D.
Chair, PIC Project Team
CropLife International

Director, Global Regulatory Affairs
Agricultural Products Group
FMC Corporation
1735 Market Street
Philadelphia, PA 19103