



**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**

Third meeting

Rome, 10–13 March 2008

Item 6 of the provisional agenda*

Other matters

**1. Information on trade in chemicals under consideration by
the fourth meeting of the Chemical Review Committee**

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 fourth 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 4 February 2008;
 - (b) Information submitted by Croplife
 - (c) Information submitted by Pesticide Action network (PAN)
 - (d) Information submitted by Brazil
 - (e) Information submitted by Romania
 - (f) Information submitted by Canada
 - (g) Information submitted by Thailand
 - (h) Information submitted by Republic of Korea

* UNEP/FAO/RC/CRC.4/1.

Annex

List of countries

A. Table with summary of information received and collected by the secretariat as at 04 February 2008

Chemical Name	Source of Information
alachlor	<p>Croplife The chemical is currently manufactured and traded internationally</p> <p>Pesticide Action network (PAN) This is marketed under a variety of names, and product information is given on the Monsanto website for Lariat and Lasso. The Material Safety Datasheet for Lasso on the Monsanto Europe website is dated 2005. It is offered for sale in china by Hangzhou Yilong Chemical Industry Co., Ltd and Shandong Qiaochang Chemical Co, Ltd (correspondence with further details is annexed to part B)</p> <p>Brazil In trade and in use in the country. It is manufactured and formulated in Brazil (correspondence with further details is annexed to part B)</p> <p>Romania Not authorized for using as plant protection plants in Romania. Imported in small quantities (10-250 mg) in 2006 for laboratory analytical purposes (details are in the annexed correspondence in part B)</p> <p>Thailand (Customs department data as of December 2007) Last time the chemical was imported into the country was in 2007, it is exported to Lao PDR and Vietnam as herbicide (correspondence with further details is annexed to part B)</p> <p>Republic of Korea Produced/used approximately 483 tonnes and imported 235 tonnes in 2006.</p>
aldicarb	<p>Croplife The chemical is currently manufactured and traded internationally</p> <p>Pesticide Action network (PAN) Marketed by Bayer Crop Science under the name Temik. The revision date of the material Safety Datasheet is 2005. It is offered for sale by Shandong Huayang technology Co., Ltd in China (correspondence with further details is annexed to part B)</p> <p>Brazil In trade and in use in the country. Imported to be formulated in Brazil (correspondence with further details is annexed to part B)</p> <p>Romania Not authorized for using as plant protection plants in Romania (details are in the annexed correspondence in part B).</p> <p>Thailand (Customs department data as of December 2007) Last time the chemical was imported into the country was in 2005, it is exported to Indonesia, Myanmar, Lao PDR, India, Nepal, Philippines, Cambodia and Vietnam as insecticide and pesticide (correspondence with further details is annexed to part B)</p> <p>Republic of Korea The chemical was withdrawn from trade in 1991.</p>
carbaryl	<p>Croplife The chemical is currently manufactured and traded internationally</p> <p>Pesticide Action network (PAN) The Bayer Crop Science gives information dated December 2007 about carbaryl: trade name Sevin. The Material Safety Datasheet is dated 2006 (correspondence with further details is annexed to part B).</p> <p>Brazil In trade and in use in the country. Imported to be formulated in Brazil (correspondence with further details is annexed to part B)</p> <p>Romania</p>

Chemical Name	Source of Information
	<p>Not authorized for using as plant protection plants in Romania. Imported in small quantities (10-250 mg) in 2006 for laboratory analytical purposes (details are in the annexed correspondence in part B).</p> <p>Canada Carbaryl is still registered in Canada as a pesticide, and is still being used.</p> <p>Thailand (Customs department data as of December 2007) Last time the chemical was imported into the country was in 2007, it is exported to Myanmar and Cambodia as insecticide and pesticide (correspondence with further details is annexed to part B)</p> <p>Republic of Korea Produced/used 38 tonnes and imported 37 tonnes in 2006.</p>
methyl parathion	<p>Croplife The chemical is currently manufactured and traded internationally</p> <p>Pesticide Action network (PAN) Marketed by Cheminova as methyl 4EC. The revision date of the material Safety Datasheet is 2005. It is offered for sale by Shandong Huayang technology Co., Ltd in China (correspondence with further details is annexed to part B)</p> <p>Brazil In trade and in use in the country. Imported to be formulated in Brazil (correspondence with further details is annexed to part B)</p> <p>Romania Not authorized for using as plant protection plants in Romania (details are in the annexed correspondence in part B).</p> <p>Thailand (Customs department data as of December 2007) Last time the chemical was imported into the country was in 2003, it is not exported, it was used as insecticide (correspondence with further details is annexed to part B)</p> <p>Republic of Korea The chemical was withdrawn from trade in 1969.</p>
mirex	<p>Croplife Not able to confirm trade for mirex</p> <p>Pesticide Action network (PAN) No specific information on trade in mirex as pesticide</p> <p>Brazil It was prohibited in 1993.</p> <p>Thailand (Customs department data as of December 2007) Never imported (correspondence with further details is annexed to part B)</p> <p>Republic of Korea The chemical was never registered.</p>
chrysotile asbestos	<p>Romania It was imported in total quantity of 1,386.95 tons in 2004-2006 period and it was exported in total quantity of 4.4 tons in 2007 (details are in the annexed correspondence in part B)</p>

2152996468



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January 4, 2008

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

Gentlemen;

Subject: Ongoing Trade for Aldicarb, Alachlor, Carbaryl, Methyl Parathion, and Mirex.

We are please to provide a response to the secretariat's request for information on the manufacture and trade of the subject chemicals as communicated in your email of November 20, 2007.

We can confirm that the following chemicals are currently manufactured and traded internationally.

Aldicarb
Alachlor
Carbaryl
Methyl Parathion

We have not been able to confirm manufacture for Mirex.

Sincerely,

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

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

Development House
56-64 Leonard Street
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Tel +44 20 7065 0905
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admin@pan-uk.org
www.pan-uk.org



An independent body working to
eliminate the hazards of pesticides

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

25 January 2008

PIC Procedure – determination of ongoing trade

Dear Elisabetta Tagliati

Further to your letter of 20th November 2007, here is the relevant information on the chemicals scheduled for review at the PIC Chemical review Committee (CRC4) in March 2008.

Alachlor

This is marketed under a variety of names, and product information is given on the Monsanto website for Lariat and Lasso. The Material Safety Data Sheet for Lasso on the Monsanto Europe website is dated 2005. It is offered for sale in China by the Hangzhou Yilong Chemical Industry Co. Ltd and Shandong Qiaochang Chemical Co., Ltd.

On 22nd January 2008, the following announcement was made:
Monsanto says it has entered into agreements to sell its butachlor and alachlor herbicide businesses to Sinochem International Corp. (Shanghai) for an undisclosed sum
(<http://www.chemweek.com/regions/china/9943.html>)

http://www.monsanto.com/monsanto/ag_products/pdf/labels_msds/lariat_label.pdf
http://www.monsanto.co.za/en/layout/products/crop_pro/lasso/default.asp
[http://lscgw1.monsanto.com/esh/msdslib.nsf/695DF405EE4C612B8625725800497739/\\$file/Lasso%20Micro-Tech-5163en-iso.pdf](http://lscgw1.monsanto.com/esh/msdslib.nsf/695DF405EE4C612B8625725800497739/$file/Lasso%20Micro-Tech-5163en-iso.pdf)
<http://www.made-in-china.com/showroom/chemsales/product-detailJTPmkeRABxdE/China-Alachlor-92-TC-48-EC-Herbicide.html>

Aldicarb

Marketed by Bayer CropScience under the name Temik. The revision date of the Material Safety Data Sheet is 2005. It is offered for sale by Shandong Huayang Technology Co., Ltd in China.

<http://www.bayercropscience.com/bayer/cropscience/cscms.nsf/id/aldicarb.htm?Open>
<http://www.bayercropscience.co.uk/content.output/414/391/Crop%20Centre/Potatoes/Temik.msp>
<http://www.madeinchina.com/189696/aboutus.shtml>

Methyl parathion

Marketed by Cheminova as Methyl 4EC. The revision date of the Material Safety Data Sheet is 2005. It is offered for sale by Shandong Huayang Technology Co., Ltd in China.

http://www.cheminova.us.com/pages/products/insecticides/methyl_4ec.html
<http://www.cypress.com/docs/msds/m48708.pdf>
<http://www.madeinchina.com/189696/aboutus.shtml>

Mirex

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

Carbaryl


The Bayer Cropscience gives information dated December 2007 about Carbaryl: trade name Sevin. The Material Safety Data Sheet is dated 2006

<http://www.cdms.net/LDat/mp76A002.pdf>
<http://www.bayercropscience.com/bayer/cropscience/cscms.nsf/id/carbaryl.htm?Open>

It is also used for treatment of headlice, as *Carylterm*, available only on prescription.

<http://www.netdoctor.co.uk/medicines/100000470.html>
<http://www.headlice.co.uk/headlicemicrosite/professionals/products/product.asp?r=full&p=8>

Yours sincerely


Linda Craig
Director

PL 32/08



SERVIÇO PÚBLICO FEDERAL
MINISTÉRIO DO MEIO AMBIENTE
 SECRETARIA DE MUDANÇAS CLIMÁTICAS E QUALIDADE AMBIENTAL
 DEPARTAMENTO DE QUALIDADE AMBIENTAL NA INDÚSTRIA
 Esplanada dos Ministérios - Bloco "B" 8º andar - Gabinete
 CEP: 70068-900 Brasília, DF

Ofício nº 20 /2008/SMCQ/DQAM

Brasília, 03 de Fevereiro de 2008.

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Food and Agriculture Organization of the
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 Viale delle Terme di Caracalla
 00100 Rome, Italy
 Fax: (+39 06) 5705 6347

Secretariat for the Rotterdam Convention
United Nations Environment Programme
(UNEP)
 11-13, Chemin des Anémones
 CH - 1219 Châtelaine, Geneva, Switzerland
 Fax: (+41 22) 917 8082

Subject: Call for Information on Trade.

Dear Madam or Sir,

According to the process for collecting information on international trade and use of Alachlor, Aldicarb, Carbaryl, Methyl-Parathion and Mirex, we inform that, with the exception of Mirex (Dodecacloro), that was already prohibited in Brazil since 1993, by the Administrative Act nº 91/1992 emitted by Ministry of Agriculture, the other four substances are in trade and use in our country.

The chemicals Alachlor, Aldicarb, Carbaryl and Methyl-Parathion are used as pesticides under rules as Federal Law nº 7.802, of 11 of July 1989 and Decree nº 4.074, of 4 of January 2002, besides others administrative acts emitted by Ministry of Agriculture, Ministry of Health and Ministry of Environment.

The chemical Alachlor is manufactured and formulated in Brazil. Aldicarb, Carbaryl and Methyl-Parathion are imported to be formulated in Brazil.

Yours truly,

GERALDO AUGUSTO DE SIQUEIRA FILHO
 by DNA for The Rotterdam Convention

REANIPRODUCTION	
Re	01 - 2008
Kermae	

ROMANIA



MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

B-dul Libertății nr.12, sector 5, RO – 040129, Bucharest, Romania

www.mmediu.ro

Dangerous Substances Directorate

Phone/Fax: +4021 317 40 70

DESIGNATE NATIONAL AUTHORITY IN ROMANIA

Peter KENMORE

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Fax: (+39 06) 5705 6347
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Donald COOPER

United Nations Environment
Programme (UNEP)
11-13, Chemin des Anémones
CH – 1219 Châtelaine, Geneva, Switzerland
Tel: (+41 22) 917 8296
Fax: (+41 22) 917 8082
E-mail: pic@pic.int

Dear Sir

I would like to refer to your letter on the manufacture, trade or use of **alachlor, aldicarb, carbaryl, mirex, methyl parathion and chrysotile asbestos** in Romania.

Concerning above mentioned substances please let us to inform the following:

- **alachlor, aldicarb, carbaryl, mirex, methyl parathion** are not authorized for using as plant protection plants in Romania; these substances were not produced, traded and used as plant protection products in the 2005, 2006, 2007 years in Romania;
- **alachlor and carbaryl** were imported in very small quantities (10-250 mg) in 2006 for laboratory analytical purposes;
- **chrysotile asbestos** was imported in total quantity of 1,386.95 tons in 2004-2006 period and it was exported in total quantity of 4.4 tons in 2007. The figures are presented in detail in the below table.

Regarding to the Romanian DNA we would like to introduce you on the following changes:

- the **Romanian DNA**, for both Industrial Chemicals and Pesticides (CP) is **Ministry of Environment and Sustainable Development (MESD)**,
- the **national contact point** is **Dangerous Substances Directorate** within MESD, and
- the **contact person** is Mrs. Mariana ZGLOBIU, councillor within Dangerous Substances Directorate, Tel./Fax: +4021 317 40 70,
e-mail: mariana.zglobiu@mmediu.ro.

Sincerely yours,

Director of
Dangerous Substances Directorate

Table Import and export of asbestos in 2004-2007 period

NO	Year	Import			Export			Uses
			Asbestos (in tons)	Products containing asbestos (in tons)		Asbestos (in tons)	Products containing asbestos- (in tons)	
1	2004	import of asbestos plate with 75% asbestos	72	96.4				sealing
2	2005	import of asbestos	1.85	-				asbestos- cement plate
3		import of sealing with 35% asbestos	13.1	37.5				sealing
4	2006	Import of asbestos	1,300	-				asbestos- cement plate
5	2007	-			export of asbestos rope with 78% asbestos	4.4	5.6	sealing elements
		TOTAL imports:	1,386.95		TOTAL exports:	4.4		

Tagliati, Elisabetta (AGPP)

Subject: FW: Use of Carbaryl

Follow Up Flag: Follow up
Flag Status: Flagged

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

From: Mylène David [mailto:mylene_david@hc-sc.gc.ca] On Behalf Of Trish MacQuarrie
Sent: Thursday, January 31, 2008 2:46 PM
To: Digna Francisco
Cc: Robert Asare-Danso
Subject: Use of Carbaryl

Dear Ms. Digna Francisco,

This is in response to the call, by the PIC Secretariat, for information on trade in chemicals scheduled for review by the fourth session of the Chemical Review Committee (10-13 March 2008).

Carbaryl is still registered in Canada as a pesticide, and is still being used.

Regards,

Trish MacQuarrie

No. 0304/10995



Pollution Control Department
92 Soi Phahon Yothin 7, Phahon Yothin Rd.,
Phayathai, Bangkok 10400 THAILAND
Tel: 66 2298 2121 Fax: 66 2298 2129

- 4 FEB 2008
January B.E. 2551 (2008)

Dear Sir,

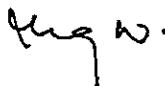
Subject: Information on trade of Alachlor, Aldicarb, Carbaryl, Methyl-Parathion and Mirex

With reference to the Secretariat for the Rotterdam Convention requesting countries and other interested parties to submit the information on ongoing trade and use of Alachlor, Aldicarb, Carbaryl, Methyl-Parathion and Mirex, according to the Chemical Review Committee decision at its first meeting in February 2005.

We are pleased to enclose herewith the information on trade and use of the above mentioned chemicals in Thailand.

Please be assured of our full cooperation.

Yours sincerely,



(Mrs. Mingquan Wichayarangsaridh)
Deputy Director General
Pollution Control Department

Executive Secretary
The Secretariat for the Rotterdam Convention
Food and Agriculture Organization (FAO)
Viale delle Terme di Caracalla
001100 Rome, Italy

Information on trade of Alachlor, Aldicarb, Carbaryl, Methyl-Parathion and Mirex, submitted by Thailand

Chemical	Last time the chemical is imported into the country	Is the chemical being exported?	Use	Remarks*
Alachlor	2007	Yes, to Lao PDR and Vietnam	as herbicides	Alachlor is classified as Type 3 hazardous substance, of which the production, import, export, or having in possession must obtain a permit.
Aldicarb	2005	Yes, to Indonesia, Myanmar, Lao PDR, India, Nepal, Philippines, Vietnam and Cambodia	as pesticides and insecticides	Aldicarb is classified as Type 3 hazardous substance, of which the production, import, export, or having in possession must obtain a permit.
Carbaryl	2007	Yes, to Myanmar and Cambodia	as pesticides and insecticides	Carbaryl is classified as Type 3 hazardous substance, of which the production, import, export, or having in possession must obtain a permit.
Methyl-Parathion	2003	No	as insecticides	Methyl-Parathion is currently classified as Type 4 hazardous substance, of which the production, import, export or having in possession is prohibited.
Mirex	never imported	No	-	Mirex is classified as Type 4 hazardous substance, of which the production, import, export or having in possession is prohibited.

Sources: Customs Department (www.customs.go.th), data as of December 2007

*Classification and regulation of hazardous substances under the national legislation, the Hazardous Substances Act B.E. 2535 (1992).



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1 February, 2008

Secretariat for the Rotterdam Convention
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1219 Chatelaine, GE
Switzerland
Tel: + 41 - 22 - 917 - 8296
Fax: + 41 - 22 - 917 - 8082
e-mail: pic@pic.int

Re: PIC Circular XXI of the Rotterdam Convention (12 December 2007)

Dear Sir / Madam:

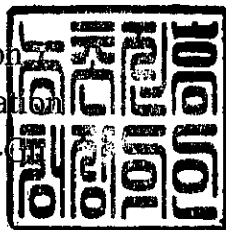
We, as the designated national authority (DNA) of Pesticides (P) of the Republic of Korea, are pleased to send the Estimated Quantity of the chemical manufactured, trade or used in Korea of five pesticides (scheduled for review by the 4th CRC).

We will be much thankful for the your reply by e-mail or fax if these documents are successfully transmitted to you. Also thank you very much for your continued cooperation.

Sincerely yours,

In Ahn.

Director
Agricultural Resources Division
Rural Development Administration
250 Seodun-Dong, Gwonseon-City
Suwon 441-707, Korea
Tel: + 82 31 299 2590
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Enclosures: Estimated Quantity of the chemical manufactured, trade or used in Korea of five pesticides

**Estimated Quantity of the chemical manufactured, trade or use
of 5 pesticides in Korea**

(Quantity per year : M/T, year : 2006)

Chemical Name	Produced / Used	Imported	Exported	
Alachlor	483	235	-	
Aldicarb	-	-	-	Withdrawn ('91)
Carbaryl	38	37	-	
Methyl Parathion	-	-	-	Withdrawn ('69)
Mirex	-	-	-	Never Registered