



**FORM
FOR NOTIFICATION OF FINAL REGULATORY ACTION
TO BAN OR SEVERELY RESTRICT A CHEMICAL**

IMPORTANT: See instructions before filling in the form

COUNTRY: BRASIL

BR

PART I: PROPERTIES, IDENTIFICATION AND USES

1. IDENTITY OF CHEMICAL		
1.1	Common name	Phosphamidon
1.2	Chemical name according to an internationally recognized nomenclature (e.g. IUPAC), where such nomenclature exists	2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate (IUPAC)
1.3	Trade names and names of preparations	DIMECRON
1.4	Code numbers	
1.4.1	CAS number	13171-21-6; 23783-98-4; 297-99-4
1.4.2	Harmonized System customs code	2924.10.0200 (NBM)
1.4.3	Other numbers (specify the numbering system)	RTECS: TC2800000 UN: 3018 EC: 015-022-00-6

1.5 Indication regarding previous notification on this chemical, if any

- 1.5.1 This is a first time notification of final regulatory action on this chemical.
- 1.5.2 This is a modification of a previous notification of final regulatory action on this chemical.
The sections modified are: _____
- This notification replaces all previously submitted notifications on this chemical.

Date of issue of the previous notification: 11/18/2003

PLEASE RETURN THE COMPLETED FORM TO:

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

Tel: (+39 06) 5705 3441
Fax: (+39 06) 5705 6347
E-mail: pic@fao.org

OR

Interim Secretariat for the Rotterdam Convention
UNEP Chemicals

11-13, Chemin des Anémones
CH - 1219 Châtelaine, Geneva, Switzerland

Tel: (+41 22) 917 8183
Fax: (+41 22) 797 3460
E-mail: pic@unep.ch

1.6 Information on hazard classification where the chemical is subject to classification requirements	
International classification systems	Hazard class
WHO	Ia (extremely hazardous)
EPA	Category I (highly toxic)
EU	T+ (very toxic), N (dangerous to the environment), mutagene Category 3
IARC	Not evaluated
Other classification systems	Hazard class

1.7 Use or uses of the chemical	
1.7.1	<input checked="" type="checkbox"/> Pesticide
	Describe the uses of the chemical as a pesticide in your country: None
1.7.2	Industrial
	Describe the industrial uses of the chemical in your country: None

1.8 Properties	
1.8.1	<p>Description of physico-chemical properties of the chemical</p> <p>Pure phosphamidon is a pale yellow to colourless oily liquid with a faint odour. It consists of a mixture of (Z)-isomer and (E)-isomer in the approximate proportion of 70:30.</p> <p>Class: Organophosphate Molecular Formula: C₁₀H₁₉ClNO₅P CAS Number: 13171-21-6 Molecular Weight: 299.69 Water Solubility: miscible Boiling point: 162 °C at 0.2 kPa Vapor Pressure: 2.2 Pa at 25°C Partition Coefficient (Log Pow): 0.79</p>

1.8.2 Description of toxicological properties of the chemical
Acute Toxicity: .

Oral: LD₅₀ (a.i., mg/kg b.w.): 9.1-17 in different test species

Dermal: LD₅₀ (a.i., mg/kg b.w.): 367-530 in different test species

Inhalation: LC₅₀ (a.i., mg/m³ air- exposure 4 hrs) 33 - 180

Irritation: slight skin and moderate eye irritation

Short-term exposure: NOEL Rats: 0.1 mg/kg bw/day
Dogs: 0.1 mg/kg bw/day
Mouse: 0.15 mg/kg bw/day

long-term exposure: NOEL Rats: 0.05 mg/kg bw/day
Dogs: 0.1 mg/kg bw/day
Mouse: 0.1 mg/kg bw/day

1.8.3 Description of ecotoxicological properties of the chemical
Fate:

Persistence: Phosphamidon is not persistent

Bioconcentration: Phosphamidon does not bioconcentrate.

Ecotoxicity

Fish: LC₅₀-96 hr (rainbow trout, Guppy, Bluegill, Channel Catfish, Carp): 3.2 - 600 mg/l

Aquatic invertebrates: EC₅₀ (daphnia) : 0.01 - 0.022 mg/l

Birds: LD₅₀-oral (5 different species): 2 - 26 mg/kg bw. The substance can be lethal by dermal exposure.

Available information indicates that delayed mortality of birds occurs after application of phosphamidon

Bees: Phosphamidon is highly toxic to bees. LD₅₀: 0.17 - 0.32 µg/bee. It is very toxic to bees.

PART II: FINAL REGULATORY ACTION

2. FINAL REGULATORY ACTION	
2.1	The chemical is: <input checked="" type="checkbox"/> banned OR severely restricted
2.2	Information specific to the final regulatory action
2.2.1	Summary of the final regulatory action Resolution RDC No. 347 of 16 December of 2002 - National Health Surveillance Agency – Exclude the phosphamidon from the list of toxics substances, which can be authorized as pesticides Law No. 7.802 of 11 July 1989 and Decree No. 4.074 of 04 January 2002 - Pesticides and its compounds need to be registered by the Federal Authority prior to produce, export, import, trade or use.
2.2.2	Reference to the regulatory document Law No. 7.802 (11 July 1989) Decree No. 4.074 (04 January 2002) Resolution RDC N° 347 (16 December 2002)
2.2.3	Date of entry into force of the final regulatory action Law No. 7.802 (11 July 1989) Decree No. 4.074 (04 January 2002) Resolution RDC N° 347 (16 December 2002)

2.3	Was the final regulatory action based on a risk or hazard evaluation?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	If yes, give information on such evaluation		
	The action was based on information on toxicity of phosphamidon.		
	Reference to the relevant documentation		
	DGD of Phosphamidon (UNEP/FAO) IPCS		

2.4	Reasons for the final regulatory action	
2.4.1	Is the reason for the final regulatory action relevant to the human health?	<input checked="" type="checkbox"/> Yes No
	If yes, give summary of the known hazards and risks presented by the chemical to human health, including the health of consumers and workers	
	Regulatory actions was taken due the risk to human health related to the Phosphamidon.	
	Reference to the relevant documentation	
	DGD of Phosphamidon (UNEP/FAO) EPA IPCS	
	Expected effect of the final regulatory action	
	Control the use and trade of this chemical in line with the regulations.	

2.4.2	Is the reason for the final regulatory action relevant to the environment?	<input checked="" type="checkbox"/> Yes No
	If yes, give summary of the known hazards and risks to the environment	
	Due the highly toxicity of phosphamidon to fishes, aquatic organisms and bees.	
	Reference to the relevant documentation	
	DGD of Phosphamidon (FAO/UNEP) WHO EPA IPCS	
	Expected effect of the final regulatory action	
	Control the trade and prevent misuse of this chemical by users.	

2.5 Category or categories where the final regulatory action has been taken		
2.5.1	Final regulatory action has been taken for the chemical category	Industrial
	Use or uses prohibited by the final regulatory action	
	None	
	Use or uses that remain allowed	
	None	
2.5.2	Final regulatory action has been taken for the chemical category	<input checked="" type="checkbox"/> Pesticide
	Formulation(s) and use or uses prohibited by the final regulatory action	
	All uses	
	Formulation(s) and use or uses that remain allowed	
	None	
2.5.3 Estimated quantity of the chemical produced, imported, exported and used, where available.		
	Quantity per year (MT)	Year
Produced	None	2003
Imported	None	2003
Exported	None	2003
Used	None	2003

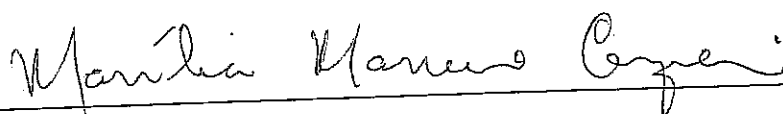
2.6 Indication, to the extent possible, of the likely relevance of the final regulatory action to other states and regions	
	Not available

2.7 Other relevant information that may cover:	
2.7.1	Assessment of socio-economic effects of the final regulatory action
	Not available
2.7.2	Information on alternatives and their relative risks
	None
2.7.3	Relevant additional information
	There is no pesticide registered for any purpose.

PART III: GOVERNMENT AUTHORITIES

Ministry/Department and authority responsible for issuing/enforcing the final regulatory action	
Institution	Ministry of the Environment
Address	Esplanada dos Ministérios, Bloco B, Sala 801 Brasília - DF - Brasil Cep. 70068-901
Telephone	55 61 317 1230
Telefax	55 61 226 8050
E-mail address	
Designated National Authority	
Institution	Ministry of the Environment
Address	Esplanada dos Ministérios, Bloco B, Sala 801 Brasília - DF - Brasil Cep. 70068-901
Name of person in charge	Marília Marreco Cerqueira
Position of person in charge	Technical Adviser of the Office for Secretary of Environmental Quality
Telephone	55 61 317 1230
Telefax	55 61 226 8050
E-mail address	marilia.cerqueira@mna.gov.br

Date, signature of DNA and official seal:



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Assessora Especial da Secretaria de Qualidade
Ambiental nos Assentamentos Humanos

1.8.09.09

