



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

IMPORTANT: See instructions before filling in the form

COUNTRY: JAPAN

PART I: PROPERTIES, IDENTIFICATION AND USES

1. IDENTITY OF CHEMICAL		
1.1	Common name	Methyl demeton
1.2	Chemical name according to an internationally recognized nomenclature (e.g. IUPAC), where such nomenclature exists	Isomeric mixture consisting of demeton-O-methyl and demeton-S-methyl
1.3	Trade names and names of preparations	Methyl demeton
1.4	Code numbers	
1.4.1	CAS number	919-86-8 Demeton-S-methyl 869-27-6 Demeton-O-methyl
1.4.2	Harmonized System customs code	
1.4.3	Other numbers (specify the numbering system)	

1.5 Indication regarding previous notification on this chemical, if any	
1.5.1	<input type="checkbox"/> This is a first time notification of final regulatory action on this chemical.
1.5.2	<input type="checkbox"/> This is a modification of a previous notification of final regulatory action on this chemical. The sections modified are: _____
	<input checked="" type="checkbox"/> This notification replaces all previously submitted notifications on this chemical.
Date of issue of the previous notification: <u>September 24, 1999</u>	

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

OR

Interim Secretariat for the Rotterdam Convention
UNEP Chemicals

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

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

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
IARC	ND
WHO/recommended classification of pesticides by hazard	I b
UN Recommendations on the Transport of Dangerous Goods	UN Number 2783, 2784, 3017, 3018; Class 6.1, 3
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:
	Prevention and extermination of noxious insect for citrus fruits, apple, pear, grape, peach, apricot, plum, hop, rapeseed, mulberry, ornamental plant or its bulb not used for food.
1.7.2	<input type="checkbox"/> Industrial
	Describe the industrial uses of the chemical in your country:

1.8 Properties	
1.8.1	Description of physico-chemical properties of the chemical
	Light yellow liquid. Hydrolyzed by alkali. (Demeton-O-methyl) Colorless oil. Solubility in waater at room temperature:330ppm.Soluble in organic solvents. (Demeton-S-methyl) Pale yellow oil. Solubility in water at room temperature:3,300 ppm.Soluble in organic solvents.

1.8.2	Description of toxicological properties of the chemical (RTECS) Demeton-S-methyl LC ₅₀ Inhalation: 500mg/m ³ /4H (Rat) LD ₅₀ Oral: 60mg/kg (Rat) LD ₅₀ Oral: 110mg/kg (Rabbit) LD ₅₀ Dermal: 85mg/kg (Rat) LD _{LO} Intravenous: 54mg/kg (Rat) LD ₅₀ Intraperitoneal: 7,500ug/kg (Rat) LD ₅₀ Intraperitoneal: 12,500 ug/kg (Guinea pig) Demeton-O-methyl LC _{LO} Inhalation: 20mg/m ³ (Cat) LD ₅₀ Oral: 46mg/kg (Mouse) LD ₅₀ Oral: 75mg/kg (Rat) LD _{LO} Dermal: 75mg/kg (Rabbit) LD ₅₀ Intravenous: 216mg/kg (Rat)
1.8.3	Description of ecotoxicological properties of the chemical

PART II: FINAL REGULATORY ACTION

2. FINAL REGULATORY ACTION	
2.1	The chemical is <input type="checkbox"/> banned OR <input checked="" type="checkbox"/> severely restricted
2.2 Information specific to the final regulatory action	
2.2.1	Summary of the final regulatory action Restriction on manufacture, import, sale, use, transfer and possession.
2.2.2	Reference to the regulatory document Poisonous and Deleterious Substances Control Law
2.2.3	Date of entry into force of the final regulatory action June 12,1956

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	
	<p>The targets of regulation under the Poisonous and Deleterious Substances Control Law are acutely toxic or corrosive substances.</p> <p>Hazardous properties of substances are examined by the existing knowledge and the acute toxicity tests carried out by the government.</p> <p>It was found that this substance has strong toxicity and may be harmful to human health when misused.</p>	
	Reference to the relevant documentation	
	Guidance on handle of poisonous and deleterious substances in Japanese, p.760, jijituushinsya (2001)	

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 <input type="checkbox"/> 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	
	<p>It is an organic phosphorus tablet with perviousness, is easily absorbed from human skin, and presents a strong poisoning condition if only adhered to clothes.</p>	
	Reference to the relevant documentation	
	Guidance on handle of poisonous and deleterious substances in Japanese, p.760, jijituushinsya (2001)	
	Expected effect of the final regulatory action	
	Should result in reduced human exposure to this substance as its use is phased out.	

2.4.2	Is the reason for the final regulatory action relevant to the environment?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	If yes, give summary of the known hazards and risks to the environment	
	Reference to the relevant documentation	
	Expected effect of the final regulatory action	

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	<input checked="" type="checkbox"/> Industrial
	Use or uses prohibited by the final regulatory action	
	All Uses * Since industrial uses of this substance not causing damage to human health have not been verified, ban on industrial use is imposed in order to protect human health.	
	Use or uses that remain allowed	
n/a		

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 except below.	
	Formulation(s) and use or uses that remain allowed	
Uses for prevention and extermination of noxious insect for citrus fruits, apple, pear, grape, peach, apricot, plum, hop, rapeseed, mulberry, ornamental plant or its bulb not used for food by the users stipulated by the Poisonous and Deleterious Substances Control Law		

2.5.3 Estimated quantity of the chemical produced, imported, exported and used, where available.		
	Quantity per year (MT)	Year
Produced	n/a	
Imported	n/a	
Exported	n/a.	
Used	n/a.	

2.6 Indication, to the extent possible, of the likely relevance of the final regulatory action to other states and regions	

2.7 Other relevant information that may cover:	
2.7.1	Assessment of socio-economic effects of the final regulatory action
2.7.2	Information on alternatives and their relative risks
2.7.3	Relevant additional information

PART III : GOVERNMENT AUTHORITIES

Ministry/Department and authority responsible for issuing/enforcing the final regulatory action	
Institution	Ministry of Health, Labour and Welfare (MHLW)
Address	MHLW: 1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-8901, Japan
Telephone	MHLW: +81-3-3595-2298
Telefax	MHLW: +81-3-3593-8913
E-mail address	
Designated National Authority	
Institution	Global Environment Division Ministry of Foreign Affairs
Address	2-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8919, Japan
Name of person in charge	Mr. Koichi Ito
Position of person in charge	Director
Telephone	+81-3-5501-8245
Telefax	+81-3-5501-8244
E-mail address	koichi.ito@mofa.go.jp

Date, signature of DNA and official seal: 01.09.2004. 伊藤 康一

