



AUD-AD-140-168799 : رقم التسجيل  
30-10-2019 : التاريخ

قطاع المجتمعات المستدامة  
إدارة الشؤون البلدية

شهادة تسجيل مبيد حشري

مبيد حشري (حشري)

تشهد وزارة التغير المناخي والبيئة بأن المبيد بالمواصفات التالية

الاسم التجاري للمبيد : ROTRYN 200

بلد التسجيل: إيطاليا

المواد الفعالة وتركيزها : CYPERMETHRIN 20% w/w

CAS RN : 52315-07-8

صورة المستحضر : EC

حجم العبوة : 1,5 لتر

بلد (التسجيل/المنشأ) والشركة المنتجة : إيطاليا - INDIA INDUSTRIE CHIMICHE S.P.A.

الشركة المحلية المستوردة : TECHNICAL AGRICULTURAL CO L.L.C

تاريخ إصدار الشهادة : 30-10-2019 : صالحة حتى : 24-09-2024

ملاحظات : لا يوجد

وجد مطابقا لنظام تسجيل المبيدات المتبع لديها وقد أعطيت له هذه الشهادة بناء على ذلك.

ملاحظات :

- يعاد تقييم المبيد كل خمس سنوات حتى يتم تجديد هذه الشهادة بعد ذلك.
- تلغى هذه الشهادة في حالة شطب أو سحب المبيد من قبل المنظمات والهيئات العالمية المختصة في تسجيل المبيد أو ثبت للوزارة تدهور المبيد أثناء فترة صلاحيته تحت الظروف البيئية للدولة أو ثبت أن لديه آثار جانبية ضارة

سددت الرسوم 3003 درهم

رقم إيصال الشهادة : 190080524134

تاريخ إيصال الشهادة : 25-09-2019

مدير إدارة الشؤون البلدية

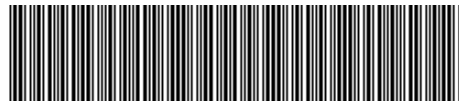


AUD-AD-140-168799

UNITED ARAB EMIRATES  
MINISTRY OF CLIMATE CHANGE  
& ENVIRONMENT



الإمارات العربية المتحدة  
وزارة التغير المناخي  
والبيئة



AUD-AD-140-168799

# روتريين 200

## ROTRYN 200

### ACTIVE INGREDIENT:

Cypermethrin

جم \ لتر 1174 / g

### المواد الفعالة:

سيبيرمثرين

مبيد لمكافحة حشرات الصحة العامة

المبيد مقيد الإستخدام ويستخدم فقط تحت إشراف وحدات مكافحة متخصصة

## RESTRICTED USE PESTICIDE

For retail sale to and use only by certified Applicators  
or persons under their direct supervision

## KEEP OUT OF REACH OF CHILDREN

يحفظ بعيدا عن متناول الأطفال

رقم التسجيل في وزارة التغير المناخي والبيئة

MOCCA Registration No.

AUD-AD-140-168799

MADE IN ITALY

I.N.D.I.A. Industrie Chimiche Srl

Arre (PD) - Italy

الوكيل

الشركة الفنية الزراعية ذ م م

العين • الإمارات العربية المتحدة

تلفون 03 7669126



## التحذيرات

- أثناء الإستخدام • احذر من استنشاق المبيد أو بلعه وملامسته للجلد والأعين قم بارتداء الملابس المناسبة
- بعد الإستخدام تهوية المكان المعالج قبل الدخول، الابتعاد عن المنطقة المعالجة حتى تجف
- لتجنب المخاطر التي تهدد الإنسان والبيئة ، لا تفرغ المبيد في مصادر المياه
- غسل الجلد والعين فوراً في حالة ملامسة المبيد
- هذا المبيد سام للأسماك والأحياء البحرية
- يهيج الجهاز التنفسي خطر يسبب أضرار جسيمة للعين
- لا تلوث الأغذية والمشروبات والأواني بالمبيد و يحفظ بعيدا عن الأغذية •
- تخلص من العبوة بطريقة صحيحة و يمنع إعادة استخدام العبوة مرة أخرى •
- تخلص من بقايا المبيد والعبوات الفارغة فقط في الأماكن المصرح فيها بذلك وذلك بدفنها في أرض لا تستعمل للزراعة، بعيداً عن مياه الشرب و مصادر المياه لا تشرب أو تدخن أثناء التعامل مع المبيد وارتدى القفازات الواقية

## CAUTION AND WARNINGS

Beware of the pesticide inhalation or swallowing and contact with skin and eyes. Wear appropriate clothing after application, ventilate the close area well before enter and keep the surfaces dry. Do not contaminate the water and water sources. If contact skin or eyes wash well with water immediately. Toxic for fish and water environment. Keep away from food and drink and away from children. Dispose the empty container in the right way refer to the allowance location. Do not eat, drink or smoke while applying.

## ارشادات الطبيب •

في حالة حدوث أعراض تسمم يوضع المصاب

في الهواء الطلق ويتم فوراً استدعاء الطبيب

## FIRST AID

If poisoned keep the victim in fresh air and call the doctor.

الضمان: تضمن الشركة المنتجة المبيد إذا تم تخزينه في عبواته

الأصلية وتحت ظروف التخزين الجيدة طول فترة صلاحية المبيد •

سميه المبيد:

سام إذا ابتلع أو عند الملامسة المباشرة للجسم •

## التخزين

يخزن المبيد في مكان بارد وجاف بعيداً عن أشعة الشمس وفي عبواته الأصلية فقط

## STORAGE

Store in original container in cool dry place away from sun.

## Prod. Date:

تاريخ الإنتاج :

## Exp. Date:

تاريخ انتهاء الصلاحية :

## Batch No:

رقم الدفعة :

## Content:

1Litre

المحتوى: 1 لتر

3510330\_0530327\_3\_18\_Rev.5

## روتريين 200

مبيد حشري مستحلب مركز جاهز للتخفيف بالماء لمكافحة

آفات الصحة العامة •

## ROTRYN 200

ROTRYN 200 is formulated as an emulsifiable concentrate, containing petroleum solvents, it is easily emulsified in water.

## روتريين 200

يكافح العديد من حشرات الصحة العامة عن طريق الملامسة

والمعدة مما يؤثر على الجهاز العصبي للحشرة فيقضي عليها

كالدباب والبعوض والصرصر وبق الفراش والبراغيث

والعث والنمل وغيرها في داخل وخارج المباني

## ROTRYN 200

ROTRYN 200 is a contact and stomach insecticides secures effective control of both flying and crawling insects such as bed bugs, flies, cockroaches, mosquitoes, moth and ants effective against all those insects-pests indoor and outdoor.

## ROTRYN 200

With long-lasting effect

## روتريين 200

مبيد ذو أثر فعال يمتد لعدة أشهر

## طرق ومعدل الإستخدام

DOSE RATE معدل الإستخدام	PEST الآفة	APPLICATION AREA المكان المراد رشه
10-50 ml / 10 litre water 50-10 مل \ 10 لتر ماء	Bed bugs, cockroaches, ants, flies, mosquitos بق الفراش والصرصر والنمل والذباب والبعوض	Indoor الأماكن المغلقة والمنازل والحظائر والمستودعات
50 ml / 10 litre water 50 مل \ 10 لتر ماء	Flies, mosquitos الذباب والبعوض	Outdoor الأماكن المفتوحة وخارج المنازل ومكبات النفايات
10 ml / 1 litre diesel cover 1000 m <sup>3</sup> 10 مل \ لتر ديزل لتغطية مساحة 1000 م <sup>3</sup>	Flies, mosquitos الذباب والبعوض	Thermal fogging التضبيب الحراري

لمعالجة ومكافحة النمل الأبيض قبل وبعد البناء قم بمزج 700مل

من روتريين 200 لكل 100 لتر ماء ثم تعامل الأسطح والأماكن

المراد معالجتها • لتغطية مساحة متر مربع استخدم 4 لتر محول

For pre and post construction treatments against termites: dilute 700 ml of ROTRYN 200 in 100 litres of water. Apply the solution by means of a pressure pump and spray it in the foundation bases, the foundation walls and the sub-slab areas at a ratio of 4 litres per squared metre.



# **ROTRYN 200**

**EC insecticide  
containing Cypermethrin.**



**INDIA**

Conscious Care.

## ROTRYN 200

### EC insecticide containing Cypermethrin.

#### Composition:

Cypermethrin (cis/trans 40/60)	g	20
Emulsifiers and solvent	up to g	100

#### Formulation

ROTRYN 200 is formulated as an emulsifiable concentrate, containing petroleum solvents. It is easily emulsified in water.

#### Target insect pests

ROTRYN 200 is effective against all those insect-pests that can be vectors of pathogenic micro-organisms and those that can infest civilian, rural and industrial sites. In particular, the wide spectrum of activity of cypermethrin secures effective control of both flying and crawling insects. The insecticidal activity of ROTRYN 200 lasts for 2-3 weeks outdoors and 4-6 weeks indoors.

#### Application sites

ROTRYN 200 can be used to conduct pest-control treatments as follows:

inside buildings (industries, houses, warehouses etc.)

outdoor areas, even in the presence of vegetation but strictly at recommended rates

The product must not be applied in waters because cypermethrin is toxic to fish

#### Usage rates and directions for use

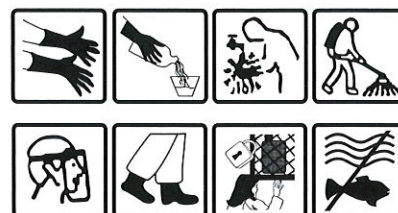
ROTRYN 200 must be diluted in water at 0.1% to 0.5% (10 to 50 mls in 10 litres water). Usage rates must be determined based on the insect's sensitivity and to the characteristics of the site under treatment.

The following chart gives a few possible dilutions based on practice:

		Type of pest			
		Adult mosquitoes	Adult flies	Cockroaches and ants	Thermal fogging applications
Application areas	Indoor applications			0.3-0.4%	10 ml per litre of suitable carrier
	Space applications outdoors	0.1 – 0.15%			
	Surface applications outdoors		0.5%	0.4-0.5%	
	Emulsion average spraying volume	300 litres/hour	1 litre of emulsion every 15 sq.m.	70-100 ml/sq.m.	1 litre of emulsion per 3000 cubic metres



#### Health and safety



#### Technical Agricultural Est.

P.O. BOX 16727

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Phone +971 3 669126

Fax +971 3 669159



# INDIA

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Nona Strada, 57 - 35129 - Padova (Italy)  
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Fax + 39.049.807.61.46  
[www.indiacare.it](http://www.indiacare.it)



I N D I A

Conscious Care.

## ROTRYN 200

**EC insecticide containing Cypermethrin. Long residual activity.**

Public Health Product – Italian MOH registration no. 19369

### Composition, 100 g product contain:

Cypermethrin (cis/trans 40/60)	g	20
Emulsifiers and solvent	up to g	100

CYPERMETHRIN family	2 type pyrethroid, photostable, persistent
Mode of action	By contact and ingestion
Activity	Alters the transmission of nervous impulses
Insect development phase to control	All larval and adult phases

### Formulation

ROTRYN 200 is formulated as an emulsifiable concentrate, containing petroleum solvents. It is easily emulsified in water.

### Compatibility

ROTRYN 200 is compatible with most insecticides but it is unstable if mixed with alkaline reaction products.

### Main insect pests that can be controlled

ROTRYN 200 is effective against all those insect-pests that can be vectors of pathogenic micro-organisms and those that can infest civilian, rural and industrial sites. In particular, the wide spectrum of activity of cypermethrin secures effective control of both flying and crawling insects.

The insecticidal activity of ROTRYN 200 lasts for 2-3 weeks outdoors and 4-6 weeks indoors.

### Application sites

ROTRYN 200 can be used to conduct pest-control treatments as follows:

- inside buildings (industries, houses, warehouses etc.)
- outdoor areas, even in the presence of vegetation but strictly at recommended rates

The product must not be applied in waters because cypermethrin is toxic to fish



**INDIA**

Conscious Care.

**Usage rates and directions for use**

ROTRYN 200 must be diluted in water at 0.1% to 0.5% (10 to 50 mls in 10 litres water). Usage rates must be determined based on the insect's sensitivity and to the characteristics of the site under treatment.

The following chart gives a few possible dilutions based on practice:

type of pest → Application areas ↓	Applications on adult mosquitoes	Applications on adult flies	Applications on cockroaches and ants	Thermal fogging applications
Indoor applications			0.3-0.4%	10 ml per litre of suitable carrier
Space applications outdoors	0.1 – 0.15%			
Surface applications outdoors		0.5%	0.4-0.5%	
Emulsion average spraying volume	300 litres/hour	1 litre of emulsion every 15 sq.m.	70-100 ml/sq.m.	1 litre of emulsion per 3000 cubic metres

**Active ingredients toxicity**

Cypermethrin is moderately toxic to warm-blooded animals

LD50 acute oral rat 250-4150 mg/kg

LD50 acute dermal rabbit >2460 mg/kg

**Warning**

For the proper use of this product, follow the instructions given on the product label. Read and keep the MSDS. Do not contaminate people, animals, foodstuffs, feeds, beverages and their containers with the product. The producer assumes no responsibility towards third parties. The user is responsible for any damages resulting from use.

## ROTRYN 200

### EC insecticide containing Cypermethrin.

#### Composition:

Cypermethrin (cis/trans 40/60)	g	20
Emulsifiers and solvent	up to g	100

#### Formulation

ROTRYN 200 is formulated as an emulsifiable concentrate, containing petroleum solvents. It is easily emulsified in water.

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The following chart gives a few possible dilutions based on practice:

		Type of pest			
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#### Health and safety



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# INDIA

Conscious Care.

MSDS Latest updating 21/03/2008

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Name: **ROTRYN 200**

Use: EC insecticide for public health use

Public Health Product – Ministry of Health Reg. No. 19369

Company identification: I.N.D.I.A. INDUSTRIE CHIMICHE S.p.A.

Address: Nona Strada 55/57 35129 Padova

Phone: +39.049.807.61.44

Fax: +39.049.807.61.46

Website: www.indiacare.it

e-mail address of the competent

person responsible for the MSDS: laboratorio@indiapesticides.com

Emergency contacts: Centro Anti Veleni Ospedale Niguarda Milano

+39.02.66101029

## 2. HAZARD IDENTIFICATION

Classification: Harmful. May cause lung damage if swallowed. Causes serious damage to eyes. Irritating to the respiratory tracts and skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Main chemical and physical hazards: not envisaged

Adverse effects:

- for health: The product is irritating to eyes, skin and the first respiratory tracts. Ingestion is dangerous because small amounts of solvent may reach the respiratory tracts and cause pneumonia or lung oedema. Pyrethroids are not highly toxic to people but the ingestion of large amounts of product may affect the Central Nervous System. Paresthesia, hyper-excitability, tremors may appear following the blockage of nervous transmission caused by pyrethroids. The inhalation of the product may cause drowsiness, headache and dizziness.

- for the environment: The concentrated product is toxic to the aquatic environment but the product diluted at recommended rates is far less dangerous

Other hazards:

## 3. INFORMATION ON INGREDIENTS

Substance	%	Einecs no.	CAS no.	Symbols	R phrases
Pure Cypermethrin (cis/trans 40/60)	20	257-842-9	52315-07-8	Xn, N	20/22-37-50/53
Emulsifiers	11			Xi	41/38
Extoxylate fatty alcohol	9.6			Xi	36/38
Naphtha solvent	2.4	204-686-4	124-18-5	Xn	10-65/66
Mix of C13-C14 paraffin	Up to 100				

## 4. FIRST-AID MEASURES

After inhalation: Remove patient to fresh air. If patient feels unwell consult a physician

Contact with skin: Flush skin immediately and thoroughly with soap and water. If irritation persists apply an antihistaminic lotion or vitamin E. Consult a physician.

Contact with eyes: Flush immediately and thoroughly with water for at least 15 minutes. Consult a physician

After ingestion: Do not induce vomiting and do not administer liquids. Consult a physician. No antidotes exist for intoxication by pyrethroids. A symptomatic treatment is required.

Specific first-aid means to be available on workplace: Antihistaminic lotion

## 5. FIRE-FIGHTING MEASURES

Suitable fire-fighting means: Carbon dioxide or dust extinguisher

Forbidden fire-fighting means: water

Special exposure risks: In a fire toxic fumes containing nitrogen oxides, hydrocyanic acid and carbon monoxide may be released

Special protective devices: Suitable outfit

## 6. ACCIDENTAL RELEASE MEASURES

Precautions for people: Avoid contact with eyes and skin. Block the access to contaminated areas. Do not stand against the wind.

Removal of ignition sources: Do not smoke

Respiratory protection: Protective mask

Dust control: Not applicable

Prevention of contact with eyes and skin: Wear gloves and safety goggles

Environmental precautions: Keep away from drains, surface and underground waters. Avoid contamination of foodstuffs

Methods of cleaning up: Absorb onto either sand, fossil flour or other inert material. Collect the contaminated inert material into tight containers and dispose of according to indications given at section 13.

## 7. HANDLING AND STORAGE

Handling: Wear suitable protective gloves and safety goggles. Do not inhale the product.

Storage: Store the product in aired premises, away from heat sources, flames and sparks, equipped with liquid-collection tanks

Particular uses:

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure threshold values:

ACGIH:

TLV-TWA: 300 mg/m<sup>3</sup> (naphtha solvent)

active ingredient: not available

TLV-STEL:

Critical effects: Lungs, central nervous system

Control procedures:

Exposure control

Professional exposure control

Respiratory Protection: Mask

Hand protection: Gloves

Eye protection: Goggles

Skin protection: Not applicable

Environmental exposure control: Use the product according to sound working practices. Follow the instructions given on the product label. Do not leave product residues and empty containers in the environment. Dispose according to instructions given in section 13.

## 9. CHEMICAL AND PHYSICAL PROPERTIES

General information:

Physical state: Liquid

Colour : yellow

Odour: aromatic

Important information for human health, safety and the environment

pH: 6.22

Boiling point: > 150°C

Flash point: >63°C

Flammability: non flammable  
Explosive properties: Not available  
Combustive properties: Not available  
Vapour pressure: Not available  
Comparative density: 0.87 g/ml  
Solubility: Emulsifiable  
Octanol/water partition coefficient: log-kow 3.8-4.8 (solvent)  
Viscosity: 6.18 cps  
Evaporation time: Not available  
other information:

#### 10. STABILITY AND REACTIVITY:

Conditions to avoid: Stable under normal conditions. Keep away from direct sunlight  
Materials to avoid: Plastics, oxidising substances  
Dangerous decomposition products: Not available

#### 11. TOXICOLOGICAL INFORMATION

Health-hazardous effects:  
Target organs: See section 3  
Symptoms: See section 3  
Toxicity of the formulated product LD<sub>50</sub> acute oral rat: 1000 mg/kg (calculated)  
Toxicity of active ingredients

	LD <sub>50</sub> acute oral rat	LD <sub>50</sub> acute dermal	Inhalation toxicity LC <sub>50</sub> (4h)
Cypermethrin	250-4150 mg/kg	>4920 mg/kg	>2.5 mg/l
naphtha	>5000 mg/kg	>3000 mg/kg	>12 mg/l
Mix of C13-C14 paraffin	>5000 mg/kg	>2000 mg/kg	>41 ppm

Contact with eyes and skin: irritating, may cause serious damage to eyes  
Immediate, delayed and chronic effects resulting from short and long-term exposure:

Sensitisation: may cause sensitisation  
Carcinogenicity: Available data show no specific hazards  
Mutagenicity: Available data show no specific hazards  
Toxicity on reproduction: Available data show no specific hazards

#### 12. ECOLOGICAL INFORMATION

Ecotoxicity: The product is very toxic to aquatic organisms  
Mobility: The solvent evaporates quickly. The a.i. is immobile in soil. In water it links to suspended particles.  
Persistence and degradability: Cypermethrin is rapidly degraded in water by UV rays. The solvent is biodegradable  
Bioaccumulation potential: Cypermethrin: BCF 420  
other adverse effects:

	Aquatic toxicity	Other ecotoxicity	Bee toxicity
Cypermethrin	(96 h) 0.0020 mg/l (brown trout)	Wild duck >10000 mg/kg	Highly toxic

#### 13. DISPOSAL CONSIDERATIONS

Handling of product in excess and of waste: See sections 7 and 8  
Suitable disposal methods (product): Dispose of as toxic waste  
Suitable disposal methods (empty containers): Dispose of as toxic waste

#### 14. TRANSPORT INFORMATION

UN no.: 3082

Packing group: III  
Technical name: Environmentally hazardous substance, liquid, n.o.s. (contains cypermethrin)  
Transport classification:  
ADR/RID: Class 9  
IMO: Class 9  
IATA: Class 9

#### 15. REGULATORY INFORMATION

Classification: Harmful  
Hazard symbol: Xn, N  
Risk phrases:  
R65 harmful: may cause lung damage if swallowed  
R37/38 irritating to the respiratory tracts and skin  
R50/53 very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R66 repeated exposure may cause skin dryness or cracking  
Safety phrases: S2 Keep out of the reach of children  
S13 Keep away from foodstuffs, feedingstuffs and beverages  
S20/21 When using do not eat, drink or smoke  
S23 Do not breathe fume  
S24 avoid contact with skin  
S26 in case of contact with eyes, flush them immediately with plenty of water and seek medical advice  
S29 do not empty into drains  
S35 This material and its container must be disposed of in a safe way  
S39 Wear eye/face protection  
S46 If swallowed, seek medical advice immediately and show this container or label  
S62 : If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

#### 16. OTHER INFORMATION

Integral text of R phrases: R10 flammable  
R20 Harmful by inhalation  
R22 harmful if swallowed  
R37 Irritating to respiratory system  
R38 irritating to skin  
R41 Risk of serious damage to eyes  
R65 Harmful: may cause lung damage if swallowed  
R66 repeated exposure may cause skin dryness or cracking  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Other information: DISCLAIMER OF LIABILITY. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable  
Bibliography: The Pesticide Manual  
HSDB Hazardous Substances Data Bank  
MSDS of raw materials