

Summary of product characteristics for a biocidal product

Product name: PROTEO EC

Product type(s): PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

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Authorisation number: ES/APP(NA)-2018-18-00524

R4BP 3 asset reference number: ES-0002081-0000

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Administrative information

1.1. Trade names of the product

PROTEO EC
MASSOCIDE EC
DELTA S ECT 2,5% EC
DELTA MASTER EC
DELTA FORCE EC
DELTA PLUS EC
DELTA EFFECT EC
DELTA PERFECT EC
DELTA POWER EC
MAX CRAWL

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sharda Europe B.V.B.A
	Address	Heedstraat 58 1730 Asse Belgium
Authorisation number	ES/APP(NA)-2018-18-00524	
R4BP 3 asset reference number	ES-0002081-0000	
Date of the authorisation	25/09/2018	
Expiry date of the authorisation	25/09/2028	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Sharda Cropchem España S.L.
Address of the manufacturer	Edificio Atalayas Business Center. Carril Condomina Nº3 Planta 12 30006 Murcia Spain
Location of manufacturing sites	I.R.C.A. Service SpA Strada Statale Cremasca 591, 10 24040 Forno San Giovanni (Bg) Italy
	Lérida Unión Química S.A. (LUQSA), Afores S/N 25173 Sudanell Lleida Spain
	DTS OABE, Pol. Bengoetxea, S/N 48419 Bengoetxea, Orozco (Vizcaya) Spain
	AGROTOTAL S.A., Pol. Ind. ADP Estrada Nacional 10, Salgados da Póvoa 2615-000 Alverca do Ribatejo Portugal

1.4. Manufacturer(s) of the active substance(s)

Active substance	24 - deltamethrin
Name of the manufacturer	Sharda Europe B.V.B.A (acting for Sharda Cropchem Limited (India))
Address of the manufacturer	Prime Business Park 2nd Floor - Dashrathlal Joshi Road - Vile Parle (West) 400056 Mumbai India
Location of manufacturing sites	Heranba Industries Ltd. 101/102, Kanchanganga, Factory Lane, Borivali – (W), 400092 Mumbai India

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
deltamethrin	(S)-a-cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropane carboxylate	Active Substance	52918-63-5	258-256-6	2,855
Solvesso 100	Solvent naphta (petroleum) light aromatic fraction	Non-active substance	64742-95-6	265-199-0	89,164
Phenylsulfonat CA	Isobutanol (CAS 78-83-1) + Tetrapropylene benzene sulphonate Ca-salt (CAS 11117-11-6)	Non-active substance	11117-11-6	234-360-7	3,93

2.2. Type of formulation

EC - Emulsifiable concentrate

3. Hazard and precautionary statements

Hazard statements

Flammable liquid and vapour.
Harmful if swallowed.Harmful if inhaled.
May be fatal if swallowed and enters airways.
Causes serious eye damage.
May cause respiratory irritation.
May cause drowsiness or dizziness.
Very toxic to aquatic life with long lasting effects.
Repeated exposure may cause skin dryness or cracking.

Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -
No smoking.
Avoid breathing dust.
Avoid breathing fume.
Avoid breathing gas.
Avoid breathing mist.
Avoid breathing vapours.
Avoid breathing spray.
Wash hands thoroughly after handling.
Do no eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
Wear face protection.
IF SWALLOWED:Immediately call a POISON CENTER/doctor/.
Rinse mouth.
Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Collect spillage.

Store in a well-ventilated place.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents to and/ or container in accordance with current regulations..

4. Authorised use(s)

4.1 Use description

Use 1 - Use 1 –Indoor, Spot application in cracks and crevices-Trained professional

Product type

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Where relevant, an exact description of the authorised use

Insecticide against oriental cockroaches (*Blatta orientalis*)

Target organism(s) (including development stage)

Scientific name: *Blatta orientalis*
 Common name: Oriental cockroach
 Development stage: all stages

Field(s) of use

Indoor

Indoor

Application method(s)

Method: Spot application in cracks and crevices
 Detailed description:
 Spot application in cracks and crevices

Application rate(s) and frequencies

Application Rate: .
 Dilution (%): 0.5 mL of product diluted in 50mL of water to treat 1 m² of cracks and crevices.
 Number and timing of application:

 0.5 mL of product diluted in 50mL of water to treat 1 m² of cracks and crevices.

 The final spray solution quantity to be prepared pro rata shall be based on the actual treatment surface area.

	Maximum 6 applications/year. Treatment can be repeated after 8 weeks
Category(ies) of users	Trained professional
Pack sizes and packaging material	Bottles made of PE/PA containing 50 and 100ml Bottles made of PE/PA containing 250, 500 or 1000ml Cans made of PE/PA containing 5000ml

4.1.1 Use-specific instructions for use

If you suspect that the product is not effective, contact the authorisation holder.
See section Directions for use

4.1.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves, coverall and eye/face protection during product handling phase (glove and coverall material to be specified by the authorisation holder within the product information)
See section Directions for use

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See section Directions for use

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See section Directions for use

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See section Directions for use

4.2 Use description

Use 2 - Use 2 –Indoor, Spot application in cracks and crevices - professional

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Insecticide against oriental cockroaches (<i>Blatta orientalis</i>)
Target organism(s) (including development stage)	Scientific name: <i>Blatta orientalis</i> Common name: Oriental cockroach Development stage: all stages
Field(s) of use	Indoor Indoor
Application method(s)	Method: Spot application in cracks and crevices Detailed description: Spot application in cracks and crevices
Application rate(s) and frequencies	Application Rate: . Dilution (%): 0.5mL of product diluted in 50mL of water to treat 1m ² of cracks and crevices. Number and timing of application: 0.5mL of product diluted in 50mL of water to treat 1m ² of cracks and crevices. The final spray solution quantity to be prepared <i>pro rata</i> shall be based on the actual treatment surface area Maximum 6 applications/year. Treatment can be repeated after 8 weeks.
Category(ies) of users	Professional
Pack sizes and packaging material	Bottles made of PE/PA containing 50 and 100ml. Bottles made of PE/PA containing 250, 500 or 1000ml.

4.2.1 Use-specific instructions for use

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If you suspect that after two applications the product is not effective, contact a pest control company.
See section Directions for use

4.2.2 Use-specific risk mitigation measures

Labelling instructions for use that minimise exposure or possible health effects.
It is recommended to wear protective chemical resistant gloves, coverall and eye/face protection during product handling phase (glove and coverall material to be specified by the authorisation holder within the product information).
See section Directions for use

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See section Directions for use

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See section Directions for use

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See section Directions for use

5. General directions for use

5.1. Instructions for use

Always read the label or leaflet before use and respect all the instructions provided.
PROTEO EC GREEN (Deltamethrin 2.5% EC) should be applied through devices such as pumps or sprays, being careful to apply the solution in cracks and crevices as spot application. The product shall be diluted at a rate of 1:100 in water. The solutions obtained must be sprayed at a dose of 1 liter of in-use solution for 20m². The in-use dilution will be applied through a low pressure sprayer (hand-held or knapsack sprayer). Spray as a spot treatment into crack and crevices only with max spray bandwidth of 0.1 m. In order to achieve this, application should be done by a pin-stream nozzle or special crack crevice extension and suitable distance between nozzle and sprayed surface should be maintained.
The infestation is expected to be controlled after 4 weeks of continuous exposure of Oriental cockroaches to the treated spots
The product can be applied up to 6 times/year with an interval between applications of 8 weeks.
Shake before use.

5.2. Risk mitigation measures

Do not apply in livestock premises.
The product has to be applied only on restricted areas on surfaces not regularly cleaned, for example behind or under the fridge, under the oven or the water heater, in all cracks and crevices that can be a harbourage for cockroaches.
Do not store near food, drink and feed .
Keep away from ignition sources (flames, hot surfaces, heat, sparks...).
Wash hands thoroughly after handling
Avoid breathing vapours/spray.
Use only in a well ventilated area.
Ensure correct ventilation during and after use.
Keep cats away from treated surfaces. Due to their particular sensitivity to deltamethrin, the product can cause severe adverse reactions in cats.
Remove or cover terrariums, aquariums and animal cages before application. Turn off aquarium air-filter while spraying.
Keep out of reach of children and pets.
Keep uninvolved persons, children and pets away from treated surfaces/areas until dried.
Do not spray onto people and pets.
Do not use/apply directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and livestock/pets.
Remove all food, feed and drinks prior to treatment.
Please clean surfaces (including kitchenware) that are to come into contact with foodstuffs with a detergent.
Please apply the product outside the period of preparation and/or consumption of foodstuffs
Apply product out of the reach of children, birds, pets, farm animals and other non-target animals.
Do not throw the product on the ground, into a water course, into the sink or down the drain.
Avoid release to the environment (P273).
Take into account the life cycle and characteristics of target insects to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
Adopt integrated pest management methods such as the combination of chemical, physical control methods and other public health measures, taking into account local specificities (climatic conditions, target species, conditions of use, etc.).
Cover all surfaces and facilities likely to be in contact with food, feed and drinking water.
Check the efficacy of the product on site: if need be, cause of reduced efficacy must be investigated to ensure that there is no resistance or to identify potential resistance.
Do not use the product in areas where resistance is suspected or established.
Inform the authorisation holder if the treatment is ineffective.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Poisoning may cause:

- Irritation of skin, Eye, mucous membranes, gastrointestinal and respiratory tract.
- Pulmonary aspiration hazard. Functional CNS disturbances.

Basic first aid procedures

- Move the person away from the contaminated area and remove contaminated or spattered clothing
- If contact in eyes, rinse with plenty of water for 15 minutes. Do NOT forget to remove the contact lenses.
- If contact on skin, wash with soap and plenty of water, without rubbing.
- If swallowed, do NOT induce vomiting unless told to do so by poison control or a health care professional.
- Keep the patient at rest and maintain the body temperature.
- Check the breath. If necessary, give artificial respiration.
- If the person is unconscious, turn the patient sideways with the head at lower than the rest of the body and the knees bended.
- If necessary, take the person to a hospital and show the label or packaging whenever possible.

DO NOT LEAVE THE POISONED PERSON ALONE UNDER ANY CIRCUMSTANCE

Medical advice for doctors and sanitary staff

- Symptomatic and supportive treatment.

"Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice."

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT THE POISON CONTROL CENTER.

Emergency measures to protect the environment:

Precautions: Prevent product from entering the environment (surface and ground water), sewerage, drainage, etc. with the construction of protective barriers and closing drains.

Communicate to the competent authorities or tipping leaks into waterways, drains, sewers ...

Methods and materials for containment and cleaning: Absorb spill on inert material (sand, kaolin ...), collect and place in containers for later properly identified as a hazardous waste management.

5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and/ or container as a hazardous waste in accordance with current regulations (P501).

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

The product should be stored in tightly closed containers in a cool, dry, well-ventilated area.
Avoid high temperatures and direct action of sunlight.
Protect from moisture.
The containers must be placed in such a way as to allow free air circulation.
Do not store with oxidizers, alkalis (caustic solutions), or acids. Keep away from foodstuffs, beverages and feed.
Check stocks regularly for damage.
Under these conditions, the product can be stored for 2 years.

6. Other information

The product contains a bitter substance that makes it repulsive to people or pets.
Definitions:
Trained professional: pest control operators, having received specific training in insecticide control according to the national legislation in force.
Professional: User applying biocidal products in the workplace. This user has some knowledge and skills in the handling of chemicals, and is able to correctly use personal protective equipment (PPE) if necessary.