

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)

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

Authorisation number: 2022-10-21-B01

R4BP 3 asset reference number: MT-0029334-0000

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	3
3. Hazard and precautionary statements	3
4. Authorised use(s)	4
5. General directions for use	7
5.1. Instructions for use	7
5.2. Risk mitigation measures	7
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	7
5.4. Instructions for safe disposal of the product and its packaging	8
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	8
6. Other information	8

Administrative information

1.1. Trade names of the product

PROTEO EC
DELTA 2.5 EC
DELTAEFFECT EC
COMTEC EC

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sharda Cropchem España S.L.
	Address	Edificio Atalayas Business Center Carril Condomina N°3 Planta 12 30006 Murcia Spain
Authorisation number	2022-10-21-B01	
R4BP 3 asset reference number	MT-0029334-0000	
Date of the authorisation	21/10/2022	
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 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	See confidential annex of PAR See confidential annex of PAR See confidential annex of PAR 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
Phénylsulfonate 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.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection, face
protection..
Collect spillage.
Store in a well-ventilated place.
Store locked up.
Dispose of contents to in accordance with current regulations..
Dispose of container to 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 crawling insect (cockroaches)
Target organism(s) (including development stage)	Scientific name: <i>Blattella germanica</i> Common name: German cockroach Development stage: Adults Scientific name: <i>Blatta orientalis</i> Common name: Oriental cockroach Development stage: Adults
Field(s) of use	Indoor Insecticide against crawling insect (cockroaches)
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: Maximum 11 applications/year. Dilution (%): 50ml of product diluted in 5L of water to treat 100 m2 surface Number and timing of application: 50ml of product diluted in 5L of water to treat 100 m2 surface Maximum 11 applications/year. Treatment can be repeated after 5 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

Please, See section Directions for use

4.1.2 Use-specific risk mitigation measures

Please, 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

Please, See section Directions for use

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

Please, 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

Please, 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 crawling insect (cockroaches)

Target organism(s) (including development stage)

Scientific name: *Blattella germanica*
Common name: German cockroach
Development stage: Adults

Scientific name: *Blatta orientalis*
Common name: Oriental cockroach
Development stage: Adults

Field(s) of use

Indoor

Insecticide against crawling insect (cockroaches)

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: Maximum 11 applications/year. Dilution (%): 50ml of product diluted in 5L of water to treat 100 m2 surface Number and timing of application: 50ml of product diluted in 5L of water to treat 100 m2 surface Maximum 11 applications/year. Treatment can be repeated after 5 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

Please, See section Directions for use

4.2.2 Use-specific risk mitigation measures

Please, 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

Please, See section Directions for use

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

Please, 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

Please, 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.
It is advisable to apply PROTEO EC GREEN (Deltamethrin 2.5% EC) for indoor use only, 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 product can be applied up to 11 times/year with an interval between applications of 5 weeks

5.2. Risk mitigation measures

Store in a safe place out from reach of children
Keep away from ignition sources (flames, hot surfaces, heat, sparks...)
Do not eat, drink or smoke when using the product.
Wash hands thoroughly after handling
Avoid breathing vapours/spray.
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)
Product must be applied in absence of people and animals.
Use only in a well ventilated area.
Ensure correct ventilation during and after use.
No access for cats to treated areas.
Treated areas can be occupied by general public, pets and other animals once the sprayed surfaces are dry.
Product must be securely applied in a way so as to minimize the risk of consumption by other animals or children.
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.).
The product will be applied in the food industry in absence of foodstuff except in storerooms where the stored products are kept properly packaged.
Proper measures must be taken in order to ensure that food, equipment or any utensil handled in sites previously treated with the product do not contain residues of the active substance.
Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination.
Remove any tool that may enter in contact with food/feedstuff during treatment.
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.

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

Packaging supplied to professional users shall be fitted with child-resistant fastenings and a tactile warning of danger.

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.

