

Summary of product characteristics for a biocidal product

Product name: DELTACAPS 50 CS

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: 2024-01-11-B01

R4BP 3 asset reference number: MT-0031101-0000

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	2
3. Hazard and precautionary statements	3
4. Authorised use(s)	3
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	8
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	9
6. Other information	9

Administrative information

1.1. Trade names of the product

DELTACAPS 50 CS

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sharda Cropchem España S.L.
	Address	Edificio Atalayas Business Center Carril Condomina Nº3 Planta 12 30006 Murcia Spain
Authorisation number	2024-01-11-B01	
R4BP 3 asset reference number	MT-0031101-0000	
Date of the authorisation	11/01/2024	
Expiry date of the authorisation	11/04/2032	

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	Location No. 1: I.R.C.A. Service SpA Strada Statale Cremasca 591, 10, 24040 Fornovo San Giovanni (Bg), Italy
	Location No. 2: DTS OABE Pol. Bengoetxea, S/N, 48419 BENGOTXEA, OROZKO , BIZKAIA, Spain
	Location No. 3: Industrialchimica srl Via Sorgaglia, 40, 35020 ARRE (PD), Italy
	Location No. 4: ZPUH Best Pest Sp.J., ul. Mozdierzowcow 6b, 43-602 Jaworzno, Poland
	Location No. 5: Productos FLOWER Pol. Ind. La Canaleta, s/n, 25300 Tarrega, Lleida, Spain

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), Heedstraat 158, 1730 Asse, Belgium
Address of the manufacturer	Sharda Cropchem Limited, Dornic Holm 29th Road, 400050 Bandra, 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	4,977

2.2. Type of formulation

CS - Capsule suspension

3. Hazard and precautionary statements

Hazard statements

Flammable liquid and vapour.
Very toxic to aquatic life with long lasting effects.
Contains 2,2'-iminodiethylamine, diethylenetriamine (111-40-0), 1,2-benzisothiazol-3(2H)-one (2634-33-5). May produce an allergic reaction.

Precautionary statements

Keep out of reach of children.
Read carefully and follow all instructions.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
Collect spillage.
Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation..
Dispose of container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation..

4. Authorised use(s)

4.1 Use description

Use 1 - Reduction of indoor fly populations by universal users

Product type

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

Where relevant, an exact description of the authorised use

Insecticide

Target organism(s) (including development stage)

Scientific name: Musca domestica
Common name: flies
Development stage: Adults

Scientific name: Stomoxys calcitrans
Common name: flies
Development stage: Adults

Field(s) of use	Indoor Indoors in residential buildings.
Application method(s)	Method: Spraying Detailed description: Apply the product in the form of a solution by spot spraying on the surfaces where the flies land.
Application rate(s) and frequencies	Application Rate: 0.5 ml of the product dilute with water to obtain a volume of 100 ml. Apply the working solution by spot spraying the surface (maximum 2 m2) at a dose of 50 ml per 1 m2 Dilution (%): 0.5% working solution Number and timing of application: The product is effective 7 days after application and is maintained up to 8 weeks from application. In the event of re-infestation, the treatment should be repeated after 8 weeks. Use a maximum of 1 -2 times a year.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bottle (HDPE) with a 0.5 ml dosing pipette: 25 ml.

4.1.1 Use-specific instructions for use

- Identify the places where insects usually perch and apply the product to surfaces only spotty (e.g. on window frames, walls or ceilings).
- Apply the working solution with a suitable low-pressure sprayer handheld, producing a coarse spray.
- A special spraying device, e.g. a lance, must be attached to the sprayer, which enables the point application of the product.
- The dosing pipette must be able to measure 0.5 ml of the product.
- Do not use on an area larger than 2mz.
- If, despite the use of the product, insects activity persist, consult a qualified disinfestation practitioner.

4.1.2 Use-specific risk mitigation measures

- Do not use the product more than twice a year.

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 5.3

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

Please see section 5.4

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 5.5

4.2 Use description

Use 2 - Reduction of indoor fly populations by professional users

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Insecticide
Target organism(s) (including development stage)	Scientific name: <i>Musca domestica</i> Common name: flies Development stage: Adults Scientific name: <i>Stomoxys calcitrans</i> Common name: flies Development stage: Adults
Field(s) of use	Indoor Inside rooms in residential buildings, public buildings (e.g. hospitals, cinemas, hotels, restaurants; except for rooms, equipment, vehicles, locations and subsidiaries used for the collection, transport and processing of animal or plant waste and dumping) and industrial (e.g. warehouses; except for premises, equipment, vehicles, places and subsidiaries used for the transport, reception, maintenance and residence of pets, or for the preparation and transport of food, and for the collection, transport, storage, industrial processing and marketing of products of animal or plant origin
Application method(s)	Method: Spraying Detailed description: Apply the product in the form of a solution by spot spraying on the surfaces where the flies land.
Application rate(s) and frequencies	Application Rate: Dilute 25 ml of product in 5 L of water to treat 100 m ² of surface. Apply working solution at a rate of 50 ml per 1 m ² to achieve 12.75 mg of deltamethrin per 1 m ² . Dilution (%): 0.5% working solution Number and timing of application: The product is effective 7 days after application and is maintained up to 8 weeks from application. In the event of re-infestation, the treatment should be repeated after 8 weeks. Use a maximum of 6 times a year

Category(ies) of users	Professional
Pack sizes and packaging material	Bottle (HDPE) or canister (HDPE): 50 ml, 100 ml, 500 ml, 1L, 5 L.

4.2.1 Use-specific instructions for use

- Apply the working solution with a suitable low pressure hand or knapsack sprayer producing a coarse spray. A special spraying device, e.g. a spraying lance, must be attached to the sprinkler, which enables the point application of the product.
- Do not use the product where resistance to, or is suspected to be, known active substance contained in this product.
- Avoid using the product continuously.

4.2.2 Use-specific risk mitigation measures

- Identify where insects are most likely to settle and spray the product only in spots on areas that are not regularly wet cleaned (e.g. window frames, walls or ceilings).
- The use of respiratory protection equipment, such as at least an FFP I mask and eye protection when using the product is obligatory.
- A protective suit (at least type 4, EN 14605) impervious to the biocidal product should be worn.
- When handling the product, use chemical-resistant protective gloves (the material of the gloves and coveralls should be specified by the authorization holder in the product information).
- Do not use the product more than 6 times a year.

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 5.3

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

Please see section 5.4

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 5.5

5. General directions for use

5.1. Instructions for use

- Before use, shake the package in order to thoroughly mix the contents.
- Accurately determine the required amount of working solution (dose of 50 ml of working solution per 1 m² of surface).
- Prepare 0.5% of working solution (e.g. dilute 5 ml of the product with water to obtain 1 litre of working solution).
- The room treated with the product may be re-used only after the treated surface is completely dry and the place has been aired thoroughly.
- People and animals must be removed from the room during the procedure. Remove (or properly secure) plants, food, toys, exposed dishes and other items that are used.
- Before using the product, close the door in the room where it will be used.

- Use only in accordance with the instructions given on the label.
- Strategies to prevent and / or manage the development of resistance:
 - o Where possible, the use of treatments combined with non-chemical agents;
 - o Product application should always be directed against the most susceptible stages in the pest's life cycle;
 - o In the event that an extended inspection period is required, treatments should be performed used alternately with products with different modes of action;
 - o Efficacy levels should be monitored and cases of reduced efficacy should be investigated for possible evidence of resistance, noting that sanitation and the proximity of untreated premises may contribute to the risk of re-infestation;
 - o In case that resistance of the target species develops, the competent authorities should be informed;
 - o In cases where correctly used doses stated on the label do not provide the expected level of control and resistance has been demonstrated, any product containing an active substance with the same mode of action should be discontinued

5.2. Risk mitigation measures

- Do not spray any electrical appliances that are switched on.
- Do not eat, drink or smoke while using the product.
- Avoid staying within the range of the sprayed liquid.
- After the treatment, wash the exposed skin with soap and water.
- Do not contaminate tanks and water intakes with the product.
- Do not use directly on or near food, feed, beverages, and surfaces, vessels and devices that may come into direct contact with food, feed, beverages and farm animals.
- Cover food, food preparation equipment and eating utensils before using the product.
- Remove or cover terrariums, aquariums, and animal cages before use. Turn off the aquarium air filter while spraying.
- Water storage tanks should be covered before using the product.
- No bystanders should be present while the product is being applied or re-enter the room until the sprayed surfaces are dry.
- Keep children away from the treated areas.
- The product should be used in such a way that domestic animals (especially cats) do not come into contact with the product (prevent access to the treated areas).

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

Side effects: Pyrethroids can cause paraesthesia (burning and stinging of the skin without irritation). If symptoms persist: Get medical attention.

The product may cause irritation of the eyes, skin and mucous membranes as well as dryness and cracking of the skin. Inhalation may cause irritation, coughing. Risk of pulmonary oedema. Agitation, gastrointestinal disturbances, tremors, dizziness, headache, somnolence, vomiting, abdominal pain, muscle tremors, nausea, unconsciousness, chest tightness.

First aid:

Move the injured to fresh air. Take off immediately all contaminated clothing. Provide the injured person with conditions for rest. Maintain body temperature. If the injured person is unconscious, place him on his side, head lower than the rest of the body, and knees bent. Control breathing; if necessary, provide artificial respiration. Never leave the injured person alone. Take the casualty to hospital and take the container or label with you if possible.

In case of

- Ingestion: Do not induce vomiting. Call a doctor immediately and show him the label or safety data sheet.
- Inhalation: Move the injured to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Take off all contaminated clothing. After contact with the skin, wash the skin immediately with soap and water, without rubbing.
- Eye contact: Rinse immediately with plenty of water for at least 15 minutes with the eyelids open. Remove contact lenses if present and easy to do. If discomfort occurs, seek medical attention.

First aid for pets:

In case of suspicion of poisoning an animal, it is necessary to immediately contact a veterinary emergency, informing about the product label.

Environmental protection measures:

- Prevent release of the product into the environment (surface and ground water), sewage system, drainage etc. by building protective barriers and closing drains.
- Inform the relevant authorities about any spills to water, sewage, channels.
- Collect the spilled product with an absorbent (e.g. sand, sawdust, etc.) and place it in a suitable container for later disposal as a hazardous waste.

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

- Product packaging, all materials contaminated with the product and remains of unused product after use, sealed in a labelled container, should be disposed of in a safe manner and handed over to a company authorized to recover and neutralize hazardous waste (e.g. incineration plants). Do not mix with municipal waste stream.
- Do not contaminate water reservoirs and water intakes with the product. Do not empty into sewage.

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

Store the product in the original, labelled, tightly closed container, in a cool, dry and well-ventilated place, out of reach of children and non-target animals. Avoid high temperatures. Protect against direct sunlight. Protect against moisture and frost. Do not store together with oxidising agents, alkalis (caustic solutions) and acids. Do not store together with food, drink and animal feed.

The containers must be positioned in such a way as to allow the free air circulation.

Check product stocks regularly for damage.

Length of the storage period: Up to 2 years (from the production date) at room temperature.

6. Other information

The pure active substance content per 100 g is: Deltamethrin (4.902 g).