

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)

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Authorisation number: PL/2022/0508

R4BP 3 asset reference number: PL-0002061-0000

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Administrative information

1.1. Trade names of the product

Poland: DELTACAPS 50 CS
Austria: DELTACAPS 50 CS
Croatia: DELTACAPS 50 CS
Czech Republic: DELTACAPS 50 CS
France: DELTACAPS 50 CS
Germany: DELTACAPS 50 CS
Slovakia: DELTACAPS 50 CS
Slovenia: DELTACAPS 50 CS
Spain: DELTACAPS 50 CS
Ireland: DELTACAPS 50 CS, DELTAMOST SUPER CS

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	PL/2022/0508	
R4BP 3 asset reference number	PL-0002061-0000	
Date of the authorisation	11/04/2022	
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, N°3, 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, Domnic 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.
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.
Wear face 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 flies population indoors by non-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)	<p>Scientific name: Musca domestica Common name: flies Development stage: Adults</p> <p>Scientific name: Stomoxys calcitrans Common name: flies Development stage: Adults</p>
Field(s) of use	<p>Indoor</p> <p>Use in domestic buildings such as houses and apartments.</p>
Application method(s)	<p>Method: Spraying Detailed description:</p> <p>Spot application to surface</p>
Application rate(s) and frequencies	<p>Application Rate: Dilute 0.5 ml of product in 100 ml of water to treat 2 m² of surface. Apply working solution at a rate of 50 ml per 1 m² to achieve 12.75 mg of deltamethrin per 1 m². Dilution (%): 0.5% working solution Number and timing of application:</p> <p>The effectiveness was observed after 7 days from the application.</p> <p>Effective for up to 8 weeks.</p> <p>In the event of re-infestation repeat the procedure after 8 weeks. Frequency: maximum 1-2 applications per year.</p>
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 where insects usually settle and apply the product only as a spot treatment (e.g. on window frames, walls or ceilings).

Apply the working solution with a suitable low pressure handheld sprayer producing a coarse spray. A special spray device, e.g. spray lance must be attached to the sprayer to target the area of product application.

A dosing pipette must allow for measuring out 0.5 ml of product.

Do not treat more than 2m² of surface.

If the infestation persists contact a professional.

4.1.2 Use-specific risk mitigation measures

Do not use the product more than 2 times per 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 flies population indoors 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

Reduction of flies population indoors by professional users

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

In public places (e.g. cinemas*, hotels*, restaurants*, hospitals) as well as in domestic (e.g. houses*, apartments*) and industrial (e.g. warehouses**) premises.

* With the exception of premises, equipment, vehicles, locations and dependencies used for the collection, transport and treatment of garbage and waste of animal or vegetable origin.

Application method(s)	<p>** Except premises, equipment, vehicles, locations and dependencies used: - for the transportation, receipt, maintenance and housing of pets or for the preparation and transportation of foods - for harvesting, transportation, storage, industrial processing and marketing of products of animal and plant origin.</p> <p>Method: Spraying Detailed description:</p> <p>Spot application to surface</p>
Application rate(s) and frequencies	<p>Application Rate: Dilute 25 ml of product in 5 L of water to treat 100 m² of surface. Apply working solution at a rate of 50 ml per 1 m² to achieve 12.75 mg of deltamethrin per 1 m². Dilution (%): 0.5% working solution Number and timing of application:</p> <p>The effectiveness was observed after 7 days from the application.</p> <p>Effective for up to 8 weeks.</p> <p>In the event of re-infestation repeat the procedure at 8-week intervals.</p> <p>Frequency: maximum 6 applications per year.</p>
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 handheld or knapsack sprayer producing a coarse spray. A special spray device, e.g. spray lance must be attached to the sprayer to target the area of product application.

Do not use/apply the product in areas where resistance to the active substance (s) contained in this product is suspected or established.

Avoid continuous use of the product.

4.2.2 Use-specific risk mitigation measures

Identify where insects usually settle and spray the product only as a spot treatment in locations not regularly wet cleaned (e.g. on window frames, walls or ceilings).

The use of respiratory protective equipment (RPE) at least mask FFP1 and eye protection during handling of the product is mandatory.

A protective coverall (at least type 4, EN 14605) which is impermeable for the biocidal product shall be worn.

Wear protective chemical resistant gloves during product handling phase (glove and coverall material to be specified by the authorisation holder within the product information).

Do not use the product more than 6 times per 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

Shake the packaging in order to mix the content thoroughly.

Precisely determine the required amount of working solution (application rate of 50 ml of working solution per 1 m² of treated surface).

Prepare 0.5% working solution (for example dilute 5 ml of product with water to obtain 1 litre of working solution).

The facility may be used again only after the treated surface is completely dry and the place is thoroughly ventilated.

It is necessary to remove any people and animals from the area for the duration of the procedure. Remove (or properly secure) plants, food, toys, uncovered dishes and other items that are used.

Before application close doors in the room where the product will be applied.

Use only in accordance with the label instructions.

Strategies for avoiding and/or managing the development of resistance:

- where possible, application treatments should be recommended

to be combined with nonchemical measures;

- applications should always be made against the most susceptible stages

in the pest life cycle;

- where an extended period of control is required, treatments should

be alternated with products with different mode of action;

- levels of effectiveness should be monitored, and instances of reduced effectiveness should be investigated for possible evidence of resistance, noting that sanitary conditions and proximity of untreated refuges can contribute to the risk of reinfestation;

- in case of the resistance of species was developed, please inform the competent authority;

- in cases where label rates, correctly applied, fail to give the expected level of control and resistance is demonstrated, use of any product containing active substance with the same mode of action should cease.

5.2. Risk mitigation measures

Do not spray any electric equipment which is switched on.

Do not eat, drink or smoke while using the product.

Avoid staying within the range of sprayed liquid.

After the procedure wash exposed skin with water and soap.

Do not contaminate water reservoirs and water intakes with the preparation.

Do not use directly on or near food, feed, drinks or on surfaces, utensils and facilities likely to be in direct contact with food, feed, drinks and livestock.

Cover food, food preparing equipment and eating utensils before application.

Remove or cover terrariums, aquariums and animal cages before application. Turn off aquarium air-filter while spraying.

Cover water storage tanks before application.

No bystander should be present during application or re-enter the room until the sprayed surfaces are dry.

Prevent access of children to treated areas.

The product should be applied in such a way that pets (especially cats) do not come in contact with the product (prevent access to treated areas).

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

Particulars of likely direct or indirect effects:

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

May cause irritation to eyes, skin and mucous membranes and dryness and cracking to the skin. Inhalation may cause irritation, cough. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness, tightness feeling in the chest.

First aid instructions:

General: Remove victim to fresh air. Immediately remove all contaminated clothing. Keep patient at rest. Maintain body temperature. If the person is unconscious, move them to their side with the head lower than the rest of the body and the knees bended. Control breathing; if necessary, provide artificial respiration. Do not just leave the patient under any circumstance. Take the patient to hospital and, whenever possible, take the container or label with you.

Ingestion: If swallowed, do not induce vomiting. Call a doctor immediately and show him the label or the safety data sheet.

Inhalation: Move the victim outdoors to fresh air. If breathing is difficult, seek medical attention.

Skin Contact: Take off all the contaminated clothing. After contact with skin, wash skin immediately with soap and water, without rubbing.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes with the eyelids held wide open; do not forget to remove the lenses if present. If you notice discomfort, seek medical attention.

Pets first aid:

If a pet is suspected to be poisoned, contact the veterinary emergency service immediately, informing them about the label of the product

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 any tipping leaks into waterways, drains, sewers.

Methods and materials for containment and cleaning: Absorb spill with inert material (e.g. sand, kaolin), collect and place in containers for later disposal as hazardous waste.

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

Do not contaminate water reservoirs and water intakes with the preparation. Do not empty into drains.

Disposal of product waste and packaging:

Forward the product in its packaging to an authorised recipient of hazardous waste.

Empty packages should be sent back to the seller where the preparation was purchased or disposed of according to local/national laws. Do not mix with other waste.

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

Store in tightly closed containers in a cool, dry, well-ventilated area. Avoid high temperatures. Protect from direct sunlight. Protect from moisture. Protect from frost. Do not store with oxidisers, alkalis (caustic solutions) or acids. Keep away from foodstuffs, beverages, and feed.

The containers must be placed in a way as to allow free air circulation. Check stocks regularly for damage.

Shelf life: 2 years

6. Other information

None

Classification:

Hazard category:

Flammable liquids, Category 3

Aquatic Acute 1

Aquatic Chronic 1

Hazard statement:

H226

H400
H410

Labelling:

Pictograms:

GHS02: Flammable

GHS09: Environmental hazard

Signal words: Warning

P103 should be read as "Read label before use."