

Summary of product characteristics for a biocidal product

Product name: DELTASECT

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

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Authorisation number: IE/BPA 70393

R4BP 3 asset reference number: IE-0002462-0000

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Administrative information

1.1. Trade names of the product

DELTASECT
DELTAMOST SUPER SC

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		IE/BPA 70393
R4BP 3 asset reference number		IE-0002462-0000
Date of the authorisation		30/03/2017
Expiry date of the authorisation		30/03/2027

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	Strada Statale Cremasca 591, 10, 24040 Forno San Giovanni Italy
	Pol. Bengoetxea, S/N 48419 Bengoetxea, Orozco (Vizcaya) Spain

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

Active substance	24 - deltamethrin
Name of the manufacturer	Sharda Cropchem Limited (Formerly known as Sharda Worldwide Exports Pvt. Ltd.)
Address of the manufacturer	Domnic Holm 29th Road, Bandra (W) 400050 Mumbai India
Location of manufacturing sites	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	2,394

2.2. Type of formulation

SC - Suspension concentrate (= flowable concentrate)

3. Hazard and precautionary statements

Hazard statements	<p>Very toxic to aquatic life with long lasting effects.</p> <p>Contains 'Contains 1,2-benzisothiazolin-3-one and a 3:1 mixture: 5-chlor-2-methyl-3(2H)-isothiazolone & 2-methyl-3(2H) isothiazolone).. May produce an allergic reaction.</p>
Precautionary statements	<p>If medical advice is needed, have product container or label at hand.</p> <p>Keep out of reach of children.</p> <p>Read carefully and follow all instructions.</p> <p>Avoid release to the environment.</p> <p>Collect spillage.</p>

Dispose of contents to in accordance with local/regional/national/international regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Professional users

Product type

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

Where relevant, an exact description of the authorised use

Crawling insects
I.3.4 Cockroaches (Blattodea)
I.3.10 Ants Hymenoptera: Formicidae)
Adult

Target organism(s) (including development stage)

Scientific name: Blattodea:
Common name: Cockroaches
Development stage: Adults

Scientific name: Formicinae:
Common name: Ants
Development stage: Adults

Field(s) of use

Indoor

Application method(s)

Method: Spraying
Detailed description:
VI.1. Spraying
Crack and crevice treatment via low pressure sprayer (handheld and backpack sprayer)

Application rate(s) and frequencies

Application Rate: 50 mL of product diluted in 5L of water to treat 100 m2 surface
Dilution (%): 1:100
Number and timing of application:
Maximum 6-8 applications/year. Treatment can be repeated after 2 months

Category(ies) of users

Professional
Trained professional

Pack sizes and packaging material

Bottles made of HDPE or COEX containing 25, 50, 100, 500, 1000 and 5000 ml

The bottle is sealed with a sheet of complex material (plastic: LDPE + aluminium + paper)

Screw cap

4.1.1 Use-specific instructions for use

It is advisable to apply DELTASECT through devices such as pumps or sprays, being careful to apply the solution in cracks and crevices only. The product shall be diluted at a rate of 1:100 in water.
The solutions obtained must be sprayed at a dose of 1 litre of in-use solution for 20 m². The in-use dilution will be applied through a low pressure sprayer (hand-held or knapsack sprayer).
Application must be performed to a band of 0.1 m width on the treated surfaces.
On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.
The product is not intended to be applied on livestock premises and therefore no contamination to housed animals is expected.

4.1.2 Use-specific risk mitigation measures

FOR USE ONLY AS AN INSECTICIDE.
FOR INDOOR USE ONLY.
Store the product in its original packaging out the reach of children and pets.
Wash hands after handling, processing and before meals.
Do not mix with other chemicals and products.
Avoid contact with treated surfaces.
Do not apply in presence of people (especially children), pets or animals.
Diluted insecticide solution should never be kept. A new solution must be prepared every time.
Do not apply in presence of food/feedstuff.
Remove any food/feedstuff from the application site.
Remove any tool that may enter into contact with food/feedstuff during treatment.
Cover water tanks, feed troughs and other surfaces or equipment that may enter into contact with feed/foodstuffs before treatment to avoid any contamination.
The following sentence must be added to the USE instructions on the label: 'On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.'
Treated areas can be re-occupied by the general public, pets and other animals once the sprayed surfaces are dry.
Shake well before use.
Resistance Management:
Deltamethrin is used in biocidal products in a limited period and therefore it is not expected to contribute to the development of resistance in target organisms. In order to avoid any resistance development in target organisms it is recommended to alternate the use of deltamethrin-based products with other insecticidal products not containing pyrethroids.
The product is not intended to be applied on livestock premises and therefore no contamination to housed animals is expected.

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

Particulars of likely direct or indirect effects: May cause transient irritation of skin, eyes and mucous membranes.
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, shorten side with the head lower than the rest of the body and the knees bended. Control breathing, if necessary, artificial respiration. Do not just leave the patient under any circumstance. Remove to fresh to hospital and, whenever possible, take the container or label.
Ingestion: If swallowed do not induce vomiting.
Inhalation: Seek fresh air to the victim (move outdoors). If you notice discomfort, seek medical attention.
Skin Contact: After contact with skin, wash immediately with soap and water, without rubbing.
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes with the eyelid held wide open, not forget to remove the lenses. If you notice discomfort, seek medical attention.
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.

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

Diluted insecticide solution should never be kept. A new solution must be prepared every time.
Do not contaminate ponds/lakes, water pipes or ditches with the diluted product or with empty container.
Do not empty into drains.
On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.
Do not reuse packaging.
Dispose of contents/container in accordance with local waste management regulations.

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

The product should be stored in tightly closed original 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, Deltasect can be stored for 4 years.

4.2 Use description

Use 2 - Non-Professional (General Public)

Product type

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

Where relevant, an exact description of the authorised use

Suspension concentrate insecticide for use against crawling insects including cockroaches and ants by crack and crevice treatment.

Target organism(s) (including development stage)

Scientific name: Blattidae:
Common name: Cockroaches
Development stage: Adults

Scientific name: Formicinae:
Common name: Ants
Development stage: Adults

Field(s) of use

Indoor

Application method(s)

Method: Spraying
Detailed description:
VI.1. Spraying
Crack and crevice treatment via low pressure sprayer (handheld and backpack sprayer)

Application rate(s) and frequencies

Application Rate: 1 ml of product diluted in 100ml of water to treat 2 m² surface
Dilution (%): 1:100
Number and timing of application:
Maximum 2 applications/year. Treatment can be repeated after 2 months

Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	<p>Bottle with screw cap made of HDPE or COEX containing 25 ml of product. 1 ml pipette attached with bottle.</p> <p>The bottle is sealed with a sheet of complex material (plastic: LDPE + aluminium + paper)</p>

4.2.1 Use-specific instructions for use

It is advisable to apply DELTASECT through devices such as pumps or sprays, being careful to apply the solution in cracks and crevices only. The product shall be diluted at a rate of 1:100 in water.
 Use the attached pipette to dose the product when preparing the solution.
 The solutions obtained must be sprayed at a dose of 100 ml of in-use solution for 2 m². The in-use dilution will be applied through a low pressure sprayer (hand-held or knapsack sprayer). Application must be performed to a band of 0.1 m width on the treated surfaces.
 On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.

4.2.2 Use-specific risk mitigation measures

FOR USE ONLY AS AN INSECTICIDE
 FOR INDOOR USE ONLY
 Store the product in its original packaging out the reach of children and pets.
 Wash hands after handling, processing and before meals.
 Do not apply in presence of food/feedstuff.
 Diluted insecticide solution should never be kept. A new solution must be prepared every time.
 Keep away from foodstuffs, beverages and feed.
 Remove any tool that may enter into contact with food/feedstuff during treatment.
 Cover water tanks, feed troughs and other surfaces or equipment that may enter into contact with feed/foodstuffs before treatment to avoid any contamination.
 The following sentence must be added to the USE instructions on the label: 'On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.'
 Treated areas can be re-occupied by the general public, pets and other animals once the sprayed surfaces are dry.
 Shake well before use.
 Resistance Management:
 Deltamethrin is used in biocidal products in a limited period and therefore it is not expected to contribute to the development of resistance in target organisms. In order to avoid any resistance development in target organisms it is recommended to alternate the use of deltamethrin-based products with other insecticidal products not containing pyrethroids.
 The product is not intended to be applied on livestock premises and therefore no contamination to housed animals is expected.

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

Particulars of likely direct or indirect effects: May cause transient irritation of skin, eyes and mucous membranes.

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, shorten side with the head lower than the rest of the body and the knees bended. Control breathing, if necessary, artificial respiration. Do not just leave the patient under any circumstance. Remove to fresh to hospital and, whenever possible, take the container or label.

Ingestion: If swallowed do not induce vomiting.
Inhalation: Seek fresh air to the victim (move outdoors). If you notice discomfort, seek medical attention.
Skin Contact: After contact with skin, wash immediately with soap and water, without rubbing.
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes with the eyelid held wide open, not forget to remove the lenses. If you notice discomfort, seek medical attention.
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.

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

Diluted insecticide solution should never be kept. A new solution must be prepared every time.
Do not contaminate ponds/lakes, water pipes or ditches with the diluted product or with empty container.
Do not empty into drains.
On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer.
Dispose of contents/container in accordance with local waste management regulations.

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

The product should be stored in tightly closed original 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, Deltasect can be stored for 4 years.

5. General directions for use

5.1. Instructions for use

See Authorized uses.

5.2. Risk mitigation measures

See Authorized uses.

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

See Authorized uses.

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

See Authorized uses.

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

See Authorized uses.

6. Other information