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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Deltasect

Product type(s)

PT18: Insecticides, acaricides and products to control other arthropods

Authorisation number: 201710-0113

R4BP asset number: IS-0019125-0000

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Deltasect
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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	201710-0113	
<i>R4BP asset number</i>	IS-0019125-0000	
Date of the authorisation	13/06/2018	
Expiry date of the authorisation	30/03/2027	

1.3. Manufacturer(s) of the product

Name of manufacturer	Sharda Cropchem España S.L.
Address of manufacturer	Edificio Atalayas Business Center, Carril Condomina N°3 Planta12 30006 Murcia Spain
Location of manufacturing sites	Sharda Cropchem España S.L. site 1 Strada Statale Cremasca 591, 10 24040 Forno San Giovanni Italy Sharda Cropchem España S.L. site 2 Pol. Bengoetxea, S/N, 48419 Bengoetxea, Orozco (Vizcaya) Spain Sharda Cropchem España S.L. site 3 Srl Viale 1° Maggio - C.da Ripoli, Mosciano 64023 S. Angelo Italy Sharda Cropchem España S.L. site 4 Pol. Ind. la Canaleta, s/n, Tàrrega 25300 Lleida Spain Sharda Cropchem España S.L. site 5 Unit 1C Victoria Court, Colliers Way HD8 9TR Clayton - West Huddersfield, West Yorkshire United Kingdom of Great Britain and Northern Ireland (the) Sharda Cropchem España S.L. site 6 Pol. Bengoetxea, Orozco 48410 Vizcaya Spain Sharda Cropchem España S.L. site 7 ul. Chopina 78A 43-600 Jaworzno Poland Sharda Cropchem España S.L. site 8 Streer Ithaca N200, Bolintin Deal 087015 Judet Giurgiu Romania

	<p>Sharda Cropchem España S.L. site 9</p> <p>Thesis Xiropigada 196 00 Manda Attikis Greece</p> <p>Sharda Cropchem España S.L. site 10</p> <p>Afores S/N, Sudanell 25173 Lleida Spain</p> <p>Sharda Cropchem España S.L. site 11</p> <p>Polígono Industrial Sant, Pere Molanta, Avenida Cardí 12-14, Olerdola 08799 Barcelona Spain</p> <p>Sharda Cropchem España S.L. site 12</p> <p>Avenida del Mas de l'Oli, 144, Manises 46940 Valencia Spain</p> <p>Sharda Cropchem España S.L. site 13</p> <p>Zona Ind. ASI NORD Aggl. S. Marco - Via L, Einaudi S.S. 87-KM 20.700 81025 Marcianise Italy</p>
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1.4. Manufacturer(s) of the active substance(s)

Active substance	deltamethrin
Name of manufacturer	Sharda Cropchem Limited (Formerly known as Sharda Worldwide Exports Pvt. Ltd.)
Address of manufacturer	Domnic Holm 29th Road, Bandra (W) 400050 Mumbai India
Location of manufacturing sites	<p>Sharda Cropchem Limited (Formerly known as Sharda Worldwide Exports Pvt. Ltd.) site 1</p> <p>101/102, Kanchanganga Factory Lane, Borivali – (W) 400092 Mumbai India</p>

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the 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(s) of formulation

SC Suspension concentrate (= flowable concentrate)

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H410: Very toxic to aquatic life with long lasting effects. EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read carefully and follow all instructions. P273: Avoid release to the environment. P391: Collect spillage. P501: Dispose of contents to in accordance with local/ regional/national/international regulations.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Professional users

Product type	PT18: Insecticides, acaricides and products to control other arthropods
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 and against flying insects including house fly, mosquitos and wasp as a spot treatment.
Target organism(s) (including development stage)	Scientific name: Blattodea: Blattodea: Common name: cockroaches Development stage: adults Scientific name: Formicinae: Formicinae: Common name: ants Development stage: adults Scientific name: vespula germanic Common name: German wasp Development stage: adults Scientific name: Musca domestica Common name: house fly Development stage: adults Scientific name: culex pipiens Common name: mosquitos Development stage: adults
Field(s) of use	indoor use
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 frequency	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	trained professional ; 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.

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

Table 2. Non-professional users

Product type	PT18: Insecticides, acaricides and products to control other arthropods
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 and against flying insects including house fly, mosquitos and wasp as a spot treatment.
Target organism(s) (including development stage)	<p>Scientific name: Blattodea: Blattodea: Common name: cockroaches Development stage: adults</p> <p>Scientific name: Formicinae: Formicinae: Common name: ants Development stage: adults</p> <p>Scientific name: vespula germanic Common name: German wasp Development stage: adults</p> <p>Scientific name: Musca domestica Common name: house fly Development stage: adults</p> <p>Scientific name: culex pipiens Common name: mosquitos Development stage: adults</p>
Field(s) of use	indoor use
Application method(s)	<p>Method: spraying</p> <p>Detailed description: VI.1. Spraying Crack and crevice treatment via low pressure sprayer (handheld and backpack sprayer)</p>
Application rate(s) and frequency	Application Rate: 1 ml of product diluted in 100 ml 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	Bottle with screw cap made of HDPE or COEX containing 25 ml of product. 1 ml pipette attached with bottle. The bottle is sealed with a sheet of complex material (plastic: LDPE + aluminium + paper)

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.

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 USE¹

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.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

6. OTHER INFORMATION

Icelandic hazard and precautionary statements:

H410: Mjög eitrað lífi í vatni, hefur langvinn áhrif.

P101: Ef leita þarf læknis skal hafa ílát eða merkimiða tiltæk.

P102: Geymist þar sem börn ná ekki til.

P103: Lesið merkimiðann fyrir notkun.

P273: Forðist losun út í umhverfi.

P391: Safnið upp því sem hellist niður.

P501: Fargið innihaldi í samræmi við staðbundnar/svæðisbundnar/landsbundnar/alþjóðlegar reglur.