

Summary of product characteristics for a biocidal product

Product name: KILLMETHRIN 2.5 WP

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: UST202204-073

R4BP 3 asset reference number: IS-0029469-0000

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Administrative information

1.1. Trade names of the product

KILLMETHRIN 2.5 WP

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	UST202204-073	
R4BP 3 asset reference number	IS-0029469-0000	
Date of the authorisation	25/11/2022	
Expiry date of the authorisation	08/08/2028	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Sharda Europe B.V.B.A.
Address of the manufacturer	Heedstraat 58 1730 Asse Belgium
Location of manufacturing sites	DTS OABE. Polígono Industrial Zabale, Parcela 3 48410 Orozco, Vizcaya Spain
	SPACHEM S.L., Polígono Industrial Guadasequies, S/N 46839 Guadasequies, Valencia Spain
	LUQSA, Afores S/N 25173 Sudanell, Lleida Spain
	Chemark Kft, Industrial Zone H-8182 Peremarton - Gyarlep Hungary
	Organika Sarzyna S.A., ul Chemików 1, 37-310 Nowa Sarzyna Poland
	AGROL, ul. Lipowa16, Sicha Gora 59-101 Polkowice Poland
	S.T.I. Solfotecnica Italia SpA, Via Evangelista Torricelli 2 Not available Cotignola, Ravenna Italy
	Ellagret S.A., Thesis Xiropigado 19600 Mandra Attikis Greece
	SINAPAK S.R.L, Viale Industria e Artigianato 7 27049 Stradella, Padova Italy
Productos FLOWER S.A., Polígono Industrial La Canaleta S/N 25300 Tárrega, Lleida Spain	

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

Active substance	24 - deltamethrin
Name of the manufacturer	Sharda Cropchem Limited
Address of the manufacturer	Prime Business Park 2nd Floor, Dashrathlal Joshi Road, Vile Parle (West) 400056 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	2,538
Sodium dodecylbenzenesulfonate	Sodium, 2-dodecylbenzenesulfonate	Non-active substance	25155-30-0	246-680-4	3
Sodium Lauryl sulfate	Sodium dodecyl sulfate	Non-active substance	151-21-3	205-788-1	2

2.2. Type of formulation

WP - Wettable powder

3. Hazard and precautionary statements

Hazard statements

Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
Wear face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER.
Collect spillage.
Dispose of contents to in accordance with local/regional/national/international regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Indoors spot, crack and crevices treatment 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	<p>Crawling insects: Application in cracks and crevices. Product solution shall be applied in cracks and crevices, corners, behind and under furniture and in other small spots where insects usually hide.</p> <p>Flying insects: Spot application in places where flying insects tend to rest. Product solution shall be applied in windowsills, joists, pipes, walls...</p> <p>Killmethrin 2.5 WP is suitable for pest control treatment of the following premises: houses*, apartments*, neighborhood centers, cinemas*, barracks*, hotels*, restaurants*, bars*, canteens*, hospitals*, industrial warehouses**...</p> <p>* 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.</p> <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</p>
Target organism(s) (including development stage)	<p>Scientific name: Insecta: Common name: Insects (Flying and crawling insects) Development stage: Adults</p>
Field(s) of use	<p>Indoor</p> <p>Indoor use</p>
Application method(s)	<p>Method: Spraying Detailed description: KILLMETHRIN 2.5 WP shall be applied through devices such as pumps or sprays working at low pressures (1-5 bar)</p>
Application rate(s) and frequencies	<p>Application Rate: 50 g of product in 5 L of water to treat 100 m2 surface Dilution (%): 1 Number and timing of application: Maximum 6-8 applications/year.</p> <p>Treatment against flying insects can be repeated after 2 months.</p> <p>Treatment against crawling insects can be repeated after 6 weeks.</p>
Category(ies) of users	<p>Professional</p> <p>Trained professional</p>

Pack sizes and packaging material

Bags/sacks of HDPE or complex composite 5-5000g:
- Foil of complex material made of LDPE + Aluminium + Polypropylene or polyester or paper
- Foil of complex material made of LDPE + metallic complex + Polypropylene or polyester or paper

4.1.1 Use-specific instructions for use

It is advisable to use Killmethrin 2.5 WP (Deltamethrin 2.5% WP) through devices such as pumps or sprays, being careful to apply the solution in cracks and crevices, under or behind furniture and in general, in all places where insects can hide. 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 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.
Keep continuous agitation during application

Strategies for managing the development of resistance:

- Where possible, application treatments should be recommended to be combined with non-chemical measures.
- Where an extended period of control is required, treatments should be alternated with products having active substances with different modes of action.
- Establish a baseline and monitor levels of effectiveness on populations in key areas in order to detect any significant changes in susceptibility to active substance. Information from resistance monitoring programs allows early detection of problems and gives information for correct decision making.
- The users should inform if the treatment is ineffective and report straightforward to the registration holder.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management.

4.1.2 Use-specific risk mitigation measures

Professional users should wear chemical goggles, protective gloves and protective clothing.
Treated areas should be well-ventilated.
The product should be applied to areas inaccessible to children.
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.
Keep away from food, drink and animal foodstuffs.
Protect food, cooking utensils and cutlery contamination during application.

Do not apply to surfaces where food is stored, prepared or consumed.
Avoid release to the environment. Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate water with the product.

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. Poisoning can cause the following symptoms: paresthesia, which may be severe skin and eye. May cause irritation to eyes, skin and mucous membranes. 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 ...

First aid instructions:
Please contact the national poison center and follow the respective instruction.
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. Summon a doctor immediately and show him the label or the safety data sheet.
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 ... 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

Consider the product or its residues as hazardous waste and manage through a licensed hazardous waste manager.

Empty the container thoroughly. Do not use the package again.

Disposal of empty containers should be done according to local and national regulations. When cleaning application equipment, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times and spray rinses to target surfaces.

Do not allow runoff to sewer, waterway or ground.

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 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, KILLMETHRIN 2.5 WP can be stored for 2 years.

4.2 Use description

Use 2 - Indoors spot, crack and crevices treatment 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

Crawling insects: Application in cracks and crevices. Product solution shall be applied in cracks and crevices, corners, behind and under furniture and in other small spots where insects usually hide.
Flying insects: Spot application in places where flying insects tend to rest. Product solution shall be applied in windowsills, joists, pipes, walls...

Target organism(s) (including development stage)

Scientific name: Insecta:
Common name: Insects (Flying and crawling insects)
Development stage: Adults

Field(s) of use

Indoor
Indoor use

Application method(s)

Method: Spraying
Detailed description:
KILLMETHRIN 2.5 WP shall be applied through devices such as pumps or sprays working at low pressures (1-5 bar)

Application rate(s) and frequencies

Application Rate: 50 g of product in 5 L of water to treat 100 m2 surface
Dilution (%): 1
Number and timing of application:
Maximum 2 applications/year.

Treatment can be repeated after 6 weeks

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Bags/sacks of HDPE or complex composite 5-500g:
- Foil of complex material made of LDPE + Aluminium + Polypropylene or polyester or paper
- Foil of complex material made of LDPE + metallic complex + Polypropylene or polyester or paper
All presentations and packagings should contain a dosing system.
Bags can be supplied in cardboard boxes

4.2.1 Use-specific instructions for use

It is advisable to use Killmethrin 2.5 WP (Deltamethrin 2.5% WP) through devices such as pumps or sprays, being careful to apply the solution in cracks and crevices, under or behind furniture and in general, in all places where insects can hide. 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 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.
Keep continuous agitation during application

Strategies for managing the development of resistance:

- Where possible, application treatments should be recommended to be combined with non-chemical measures.
- Where an extended period of control is required, treatments should be alternated with products having active substances with different modes of action.

- Establish a baseline and monitor levels of effectiveness on populations in key areas in order to detect any significant changes in susceptibility to active substance. Information from resistance monitoring programs allows early detection of problems and gives information for correct decision making.
- The users should inform if the treatment is ineffective and report straightforward to the registration holder.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management.

4.2.2 Use-specific risk mitigation measures

Treated areas should be well-ventilated.
 The product should be applied to areas inaccessible to children.
 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.
 Keep away from food, drink and animal foodstuffs.
 Protect food, cooking utensils and cutlery contamination during application.

Do not apply to surfaces where food is stored, prepared or consumed.
 Avoid release to the environment. Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate water with the product.

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.
 Poisoning can cause the following symptoms: paresthesia, which may be severe skin and eye. May cause irritation to eyes, skin and mucous membranes. 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 ...

First aid instructions:
 Please contact the national poison center and follow the respective instruction.
 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. Summon a doctor immediately and show him the label or the safety data sheet.
 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 ... 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

Consider the product or its residues as hazardous waste and manage through a licensed hazardous waste manager.

Empty the container thoroughly. Do not use the package again.

Disposal of empty containers should be done according to local and national regulations. When cleaning application equipment, **RINSE CONTAINER THOROUGHLY** by using an integrated pressure rinsing device or manually rinsing three times and spray rinses

to target surfaces.

Do not allow runoff to sewer, waterway or ground.

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 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, KILLMETHRIN 2.5 WP can be stored for 2 years.

5. General directions for use

5.1. Instructions for use

See specific directions for use

5.2. Risk mitigation measures

See specific Risk mitigation measures

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

See relevant section of the specific use

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

See relevant section of the specific use

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

See relevant section of the specific use

6. Other information

P280 phrase applies only to professional users
The following statements must be in Icelandic on the label.

Hazard statements

H318 Veldur alvarlegum augnskaða.

H410 Mjög eitrað lífi í vatni, hefur langvinn áhrif

Precautionary statements

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.

P280 Notið hlífðarhanska.

P280 Notið hlífðarfatnað.

P280 Notið augnhlífur.

P280 Notið andlitshlífur.

P305+P351+P338 BERIST EFNID Í AUGU: Skolið varlega með vatni í nokkrar mínútur. Fjarlægjið snertilinsur ef það er auðvelt. Skolið áfram.

P310 Hringið umsvifalaust í EITRUNARMÍÐSTÖÐ s. 543 2222 eða 112.

P391 Safnið upp því sem hellist niður.

P501 Fargið innihaldi í samræmi við staðbundnar reglur