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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

SOMI

Product type(s)

PT18: Insecticides, acaricides and products to control other arthropods

Authorisation number: TΠ18-0386

R4BP asset number: GR-0022120-0000

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	SOMI TRIANOS 0.05 DP
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sharda Cropchem España S.L.
	Address	Edificio Atalayas Business Center Carril Condomina N°3 Planta 12 30006 Murcia Spain
Authorisation number	TPI18-0386	
<i>R4BP asset number</i>	GR-0022120-0000	
Date of the authorisation	28/01/2020	
Expiry date of the authorisation	16/10/2027	

1.3. Manufacturer(s) of the product

Name of manufacturer	Sharda Europe B.V.B.A
Address of manufacturer	Jozef Mertensstraat 142 1702 Dilbeek Belgium
Location of manufacturing sites	Sharda Europe B.V.B.A site 1 Ellagret S.A., Thesis Xiropigada 196 00 Mandra Attikis Greece Sharda Europe B.V.B.A site 2 Farmachem S.A., Industrial Area of Sindos, Block 53B, Zone C 570 22 Thessaloniki Greece

Name of manufacturer	Sharda Cropchem España S.L.
Address of manufacturer	Edificion Atalayas Business Center, Carril Condomina No 3 12th floor 30006 Murcia Spain
Location of manufacturing sites	Sharda Cropchem España S.L. site 1 Formuladores Agroquimicos S.L., Carretera Badajoz-Granada 06170 La Albuera Badajoz Spain

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

Active substance	deltamethrin
Name of manufacturer	Sharda Cropchem Limited
Address of manufacturer	Domnic Holm 29th Road Bandra (W) 400050 Mumbai India
Location of manufacturing sites	Sharda Cropchem Limited site 1 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 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	0,051

2.2. Type(s) of formulation

DP Dustable powder

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H410: Very toxic to aquatic life with long lasting effects.
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 container to in accordance with local/regional/national/international regulations.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Non-professional

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Dust able powder insecticide for use against crawling insects including cockroaches, ants, fleas and spiders by crack and crevice treatment indoors. Also for use outdoors on and around ant nests.
Target organism(s) (including development stage)	Scientific name: Arachnida Common name: Spider Development stage: adults Scientific name: Blattodea: Blattodea: Common name: cockroaches Development stage: adults Scientific name: Hymenoptera: Formicidae: Hymenoptera: Formicidae: Common name: ants Development stage: adults Scientific name: Cimex lectularius Common name: bed bug Development stage: adults
Field(s) of use	indoor use outdoor use IV.1 Indoor use IV.2 Outdoor use (ants nest only)
Application method(s)	Method: Direct application by dusting Detailed description: Dusting - Hand shaker, puffer pack, bellows and piston type gun
Application rate(s) and frequency	Application Rate: Crack and crevice treatment 20 g/m ² and 2g/m ² per ant nest. Dilution (%): N/A Number and timing of application: Crack and crevice treatment: The application rate is 20 g/m ² . Treatment can be performed up to 2 times per year with a minimum interval of 6 weeks between applications. Ant nest treatment: The application rate is 2 g/nest. Maximum 1 treatment per nest, treating up to 5 nests around a house. Dispence measure: 1 larger outlet 1g product every 2 seconds 1 medium outlet 1g product every 6 seconds 7 small outlets 0.5 g product for every shake Crack and crevice treatment (indoors): Direct application by dusting. Apply in thin layers in cracks and crevices (under furniture, in corners and other hiding places).

	Ant nest treatment (outdoors): Apply in thin layers around and on nest entrances in the ground or injected into the nest in all of the entrances.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Talcum powder container (HDPE or PP bottle with perforated HDPE cover) – 5 g up to 1000 g Bags of complex material (LDPE/aluminium internal with polyester or PP external) heat sealed and contained within a bucket – 5 g up to 1000 g

4.1.1. Use-specific instructions for use

FOR USE ONLY AS AN INSECTICIDE

Wash hands after handling, processing and before meals.

Do not mix with other chemicals or products.

Avoid contact with treated surfaces.

Do not apply in presence of people (especially children), pets or animals.

Do not apply in presence of food/feedstuff.

Remove any food/feedstuff from the application site.

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.

Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.

The product should be applied so that children and pets do not come in contact with the product.

‘Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water’

If the infestation persists despite following the instructions of the label, contact a pest control professional. (for non-professional users).

4.1.2. Use-specific risk mitigation measures

For crack and crevice treatment:

Apply 20g of product in thin layers in cracks and crevices where insects hide (under furniture, corners, etc.)

The application can be performed up to 2 times per year with a minimum interval of 6 weeks between applications.

For ant nest treatment:

Apply in thin layers on the area surrounding the nest entrances and/or in the nest entrances at a maximum rate of 2 grams product per nest.

The application can be performed once per nest up to a maximum of 5 nests around a house.

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

Reactivity: No

Chemical stability: Shelf-life of up to 4 years

Conditions to avoid: Avoid temperature extremes. Avoid exposure to direct sunlight.

Do not store at temperatures above 35 °C.

Incompatible materials: Strong acids and bases, strong oxidizing agents.

Hazardous decomposition products: If the product comes in combustion, for example as a result of a fire may cause smoke and toxic fumes.

First aid instructions

Description of first aid measures

General: Remove victim to fresh air. Immediately remove all contaminated clothing. Keep patient at rest.

Maintain body temperature. If the person is unconscious, lay him/her side with the head lower than the rest of the body and the knees slightly bent. Monitor breathing, if necessary, artificial respiration. DO NOT LEAVE ALONE THE PATIENT IN ANY CASE. MOVE the victim to a hospital and, whenever possible, take the container or label.

Ingestion: If swallowed, Do NOT induce vomiting. Seek immediate medical attention and show the label or safety data sheet.

Inhalation: Ensure the victim fresh air (remove to fresh air). In case you notice discomfort, seek medical attention.

Skin contact: In case of contact with skin, wash immediately with plenty of soap and water, without rubbing.

Eye contact: Rinse immediately with plenty of water for at least 15 min, keeping the eyelid wide open; do not forget to remove the lenses. In case you notice pain, seek medical attention.

Most important symptoms and effects, both acute and delayed: Poisoning can cause the following symptoms: paraesthesia, which may be severe in skin and eyes. May cause irritation to eyes, skin and mucous membranes. Inhalation may cause irritation, coughing. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness...

Indication of any immediate medical attention and special treatment needed immediately dispensed

Initially, treatment is symptomatic and supportive.

Emergency measures to protect the environment

Personal precautions: protective equipment and emergency procedures: Keep people away and isolate spill area.

Avoid contact with spilled product or contaminated surfaces.

Environmental precautions: Prevent product from entering the environment (surface and groundwater), sewerage, drainage... with the construction of protective barriers and closing drains. Inform the relevant authorities uncontrolled leaks or spills to water courses, drains, sewers...

Methods and materials for containment and cleaning up: 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

Dispose of contents/container in accordance with local waste management regulations.

Do not empty into drains.

Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.

Do not reuse packaging.

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

Do not store with oxidizers, alkalis (caustic solutions), or acids.

The product should be stored in tightly closed original container 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 circulation of air.

Do not store together with oxidizing agents, alkalis (caustic solutions), and acid.

Keep away from foodstuffs, beverages and feed.

Check stocks regularly for damage avoidance.

Shelf-life of up to 4 years.

Do not store at temperatures above 35 °C.

4.2. Use description

Table 2. Professional

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Dustable powder insecticide for use against crawling insects including cockroaches, ants, fleas and spiders by crack and crevice treatment, and void and cavity treatment indoors. Also for use outdoors on and around ant nests.
Target organism(s) (including development stage)	Scientific name: arachnida Common name: Spider Development stage: adults

	<p>Scientific name: blattodea Common name: cockroaches Development stage: adults</p> <p>Scientific name: Hymenoptera: Formicidae: Hymenoptera: Formicidae: Common name: ants Development stage: adults</p>
Field(s) of use	<p>indoor use outdoor use</p> <p>IV.1 Indoor use IV.2 Outdoor use (ants nests only)</p>
Application method(s)	<p>Method: Direct application by dusting</p> <p>Detailed description: Dusting - Hand shaker, puffer pack, bellows and piston type gun</p>
Application rate(s) and frequency	<p>Application Rate: Crack and crevice treatment 20 g/m² and 2g/m² per ant nest.</p> <p>Dilution (%): N/A</p> <p>Number and timing of application: Crack and crevice/void and cavity treatment: The application rate is 20 g/m². Treatment can be performed 6 times per year with a minimum interval of 6 weeks between applications. Ant nest treatment: The application rate is 2 g/nest. Maximum 1 treatment per nest, treating up to 5 nests around a house and 7 nests around larger buildings. Crack and crevice treatment (indoors): Direct application by dusting. Apply in thin layers in cracks and crevices (under furniture, in corners and other hiding places). Void and cavity treatment (indoors): Direct application by dusting. Apply in thin layers in voids and cavities (between partition walls, holes, etc.) Ant nest treatment (outdoors): Apply in thin layers around and on nest entrances in the ground or injected into the nest in all of the entrances.</p>
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	<ul style="list-style-type: none"> - Talcum powder container (HDPE or PP bottle with perforated HDPE cover) – 5 g up to 1000 g - Bags of complex material (LDPE/aluminium internal with polyester or PP external) heat sealed and contained within a bucket – 1000 g up to 7000 g - (bulk) Film bag of complex material (LDPE inside + aluminium in centrum + polyester or polypropylene (PP) outside) closed by heat sealing. Outer packaging: cardboardbox - 25kg - (bulk) Laminated sacks (Foil of complex material made of LDPE + polypropylene or polyester or paper). Outer packaging: cardboard box or buckets. - 25kg -Big bags of polypropylene, until 1000kg

4.2.1. Use-specific instructions for use

FOR USE ONLY AS AN INSECTICIDE

Wash hands after handling, processing and before meals.

Do not mix with other chemicals or products.
Avoid contact with treated surfaces.
Do not apply in presence of people (especially children), pets or animals.
Do not apply in presence of food/feedstuff.
Remove any food/feedstuff from the application site.
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.
Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.
The product should be applied so that children and pets do not come in contact with the product.
‘Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water’
For void and cavity treatment:
Apply 20g of product in thin layers in voids/cavities where insects hide (for example wall partition voids).
The application can be performed 6 times per year with a minimum interval of 6 weeks between applications.
For crack and crevice treatment:
Apply 20g of product in thin layers in cracks and crevices where insects hide (under furniture, corners, etc.).
The application can be performed 6 times per year with a minimum interval of 6 weeks between applications.
For ant nest treatment:
Apply in thin layers on the area surrounding the nest entrances and/or in the nest entrances at a maximum rate of 2 grams product per nest.
The application can be performed once per nest up to a maximum of 5 nests around houses and 7 nests around larger buildings.
The product should be applied so that children and pets do not come in contact with the product.
Do not apply in presence of food/feedstuff.
Remove any tool that may enter in contact with food/feedstuff during treatment.
Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination.

4.2.2. Use-specific risk mitigation measures

After discussion with other member states, the following resistance management strategies have been agreed:

- Always read the label or leaflet before use and respect all the instructions provided.
- To optimise the treatment efficacy, do not apply in case of rain or wind.
- To reach nests located under terraces, pour the product carefully in cracks and crevices or between tiles seals and avoid run off of product.
- Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water.
- Check the treated areas once a week.
- Take into account the life cycle and characteristics of target insects to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
- Adopt integrated pest management methods such as the combination of chemical, physical control methods and other public health measures, taking into account local specificities (climatic conditions, target species, conditions of use, etc).
- Alternate products containing active substances with different mode of action, (to remove resistant individuals from the population).
- Inform the distributor if the treatment is ineffective.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management. (this is not relevant for the product label)
- Establish a baseline and monitor levels of effectiveness on populations in key areas (at least one survey per year) 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.

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

Reactivity: No

Chemical stability: Shelf-life of up to 4 years

Conditions to avoid: Avoid temperature extremes. Avoid exposure to direct sunlight.

Do not store at temperatures above 35 °C.

Incompatible materials: Strong acids and bases, strong oxidizing agents.

Hazardous decomposition products: If the product comes in combustion, for example as a result of a fire may cause smoke and toxic fumes.

First aid instructions

Description of first aid measures

General: Remove victim to fresh air. Immediately remove all contaminated clothing. Keep patient at rest.

Maintain body temperature. If the person is unconscious, lay him/her side with the head lower than the rest of the body and the knees slightly bent. Monitor breathing, if necessary, artificial respiration. **DO NOT LEAVE ALONE THE PATIENT IN ANY CASE. MOVE** the victim to a hospital and, whenever possible, take the container or label.

Ingestion: If swallowed, Do **NOT** induce vomiting. Seek immediate medical attention and show the label or safety data sheet.

Inhalation: Ensure the victim fresh air (remove to fresh air). In case you notice discomfort, seek medical attention.

Skin contact: In case of contact with skin, wash immediately with plenty of soap and water, without rubbing.

Eye contact: Rinse immediately with plenty of water for at least 15 min, keeping the eyelid wide open; do not forget to remove the lenses. In case you notice pain, seek medical attention.

Most important symptoms and effects, both acute and delayed: Poisoning can cause the following symptoms: paraesthesia, which may be severe in skin and eyes. May cause irritation to eyes, skin and mucous membranes. Inhalation may cause irritation, coughing. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness...

Indication of any immediate medical attention and special treatment needed immediately dispensed

Initially, treatment is symptomatic and supportive.

Emergency measures to protect the environment

Personal precautions: protective equipment and emergency procedures: Keep people away and isolate spill area. Avoid contact with spilled product or contaminated surfaces.

Environmental precautions: Prevent product from entering the environment (surface and groundwater), sewerage, drainage... with the construction of protective barriers and closing drains. Inform the relevant authorities uncontrolled leaks or spills to water courses, drains, sewers...

Methods and materials for containment and cleaning up: 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

Dispose of contents/container in accordance with local waste management regulations.

Do not empty into drains.

Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.

Do not reuse packaging.

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

Do not store with oxidizers, alkalis (caustic solutions), or acids.

The product should be stored in tightly closed original container 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 circulation of air.

Do not store together with oxidizing agents, alkalis (caustic solutions), and acid.

Keep away from foodstuffs, beverages and feed.

Check stocks regularly for damage avoidance.

Shelf-life of up to 4 years.

Do not store at temperatures above 35 °C.

4.3. Use description

Table 3. Surface application against red poultry mites for professional use

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Dustable powder insecticide for use against red poultry mites in poultry facilities.
Target organism(s) (including development stage)	Scientific name: <i>Dermanyssus gallinae</i> Common name: poultry red mite Development stage: no data
Field(s) of use	indoor use Indoor use in poultry facilities
Application method(s)	Method: Dusting Detailed description: Dusting - Automatic and powered pump blowing the product for surface treatment Dusting - Hand shaker, puffer pack, bellows and piston type gun Dispense measure for ready-to-use packaging: 1 larger outlet 1g product every 2 seconds 1 medium outlet 1g product every 6 seconds 7 small outlets 0.5 g product for every shake
Application rate(s) and frequency	Application Rate: 20 g/m ² Dilution (%): - Number and timing of application: The application rate is 20 g/m ² . The product has no residual action. Maximum 4 application/year with an interval of 90 days between applications
Category(ies) of users	professional
Pack sizes and packaging material	Talcum powder container (HDPE or PP bottle with perforated HDPE cover) – 5 g up to 1000 g Bags of complex material (LDPE/aluminium internal with polyester or PP external) heat sealed and contained within a bucket – 1000 g up to 7000 g 25 kg bags of complex material (LDPE/aluminium internal with polyester or PP external) heat sealed

4.3.1. Use-specific instructions for use

Use protective gloves and coated coverall during the application of the product with automatic powered blowing equipment.

The application is done a maximum of 4 times per year, after the cleaning of the poultry facilities.

The product should be applied so that children and pets do not come in contact with the product.

Remove all the animals from the treated facility before the treatment. Animals can be reintroduced in the facilities when the product is settled.

Do not apply in presence of food/feedstuff.

Remove any tool that may enter in contact with food/feedstuff during treatment.

Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination

4.3.2. Use-specific risk mitigation measures

FOR USE ONLY AS AN INSECTICIDE

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 or products.
Avoid contact with treated surfaces.
Do not apply in presence of people (especially children), pets or animals.
Do not store with oxidizers, alkalis (caustic solutions), or acids.
Remove any food/feedstuff from the application site.
Remove any tool that may enter in contact with food/feedstuff during treatment.
Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination.
Only for application in poultry facilities.
Do NOT use in animal housings where exposure to the local STP and/ or direct emission to surface water cannot be prevented.
Always read the label or leaflet before use and respect all the instructions provided.
To optimise the treatment efficacy, do not apply in case of rain or wind.
Check the treated areas once a week.

Strategies for resistance management are as follows:

- Alternate products containing active substances with different mode of action, (to remove resistant individuals from the population).
- Inform the distributor if the treatment is ineffective.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management. (this is not relevant for the product label)
- Establish a baseline and monitor levels of effectiveness on populations in key areas (at least one survey per year) 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.
- Take into account the life cycle and characteristics of target pests to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
- Check the treated areas in a regular basis.
- Apply always after thoroughly cleaning and disinfection of the building between flocks. Physical treatments such as raising temperatures of empty buildings between flocks are recommended.
- Good hygiene measures in personnel with access to the premises and equipment is also important. Transporting mites in the clothes, cages or egg flats must be avoided.

4.3.3. 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

Reactivity: No

Chemical stability: Shelf-life of up to 4 years

Conditions to avoid: Avoid temperature extremes. Avoid exposure to direct sunlight.

Do not store at temperatures above 35 °C

Incompatible materials: Strong acids and bases, strong oxidizing agents.

Hazardous decomposition products: If the product comes in combustion, for example as a result of a fire may cause smoke and toxic fumes.

First aid instructions

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Most important symptoms and effects, both acute and delayed: Poisoning can cause the following symptoms: paraesthesia, which may be severe in skin and eyes. May cause irritation to eyes, skin and mucous membranes. Inhalation may cause irritation, coughing. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness...

Indication of any immediate medical attention and special treatment needed immediately dispensed
 Initially, treatment is symptomatic and supportive.
 Emergency measures to protect the environment
 Personal precautions: protective equipment and emergency procedures: Keep people away and isolate spill area.
 Avoid contact with spilled product or contaminated surfaces.
 Environmental precautions: Prevent product from entering the environment (surface and groundwater),
 sewerage, drainage... with the construction of protective barriers and closing drains. Inform the relevant
 authorities uncontrolled leaks or spills to water courses, drains, sewers...
 Methods and materials for containment and cleaning up: Absorb spill on inert material (sand, kaolin...), collect
 and place in containers for later properly identified as a hazardous waste management

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

Dispose of contents/container in accordance with local waste management regulations.
 Do not empty into drains.
 Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.
 Do not reuse packaging

4.3.5. 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 container 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 circulation of air.
 Do not store together with oxidizing agents, alkalis (caustic solutions), and acid.
 Keep away from foodstuffs, beverages and feed.
 Check stocks regularly for damage avoidance.
 Shelf-life of up to 4 years.
 Do not store at temperatures above 35 °C.

4.4. Use description

Table 4. Surface application against red poultry mites for non-professional use

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Dustable powder insecticide for use against red poultry mites in poultry facilities.
Target organism(s) (including development stage)	Scientific name: <i>Dermanyssus gallinae</i> Common name: poultry red mite Development stage: adults
Field(s) of use	indoor use Indoor use in poultry facilities
Application method(s)	Method: Dusting Detailed description: Dusting – Hand shaker, puffer pack, bellows and piston type gun. Surface Treatment of poultry housing (floor of stable)Dispense measure for ready-to-use packaging: 1 larger outlet 1g product every 2 seconds 1 medium outlet 1g product every 6 seconds 7 small outlets 0.5 g product for every shake
Application rate(s) and frequency	Application Rate: 20 g/m ² Dilution (%): - Number and timing of application:

	The application rate is 20 g/m ² . The product has no residual action. Maximum 4 application/year with an interval of 90 days between applications
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Talcum powder container (HDPE or PP bottle with perforated HDPE cover) – 5 g up to 1000 g Bags of complex material (LDPE/aluminium internal with polyester or PP external) heat sealed and contained within a bucket – 5 g up to 1000 g

4.4.1. Use-specific instructions for use

The application is done a maximum of 4 times per year.

The product should be applied so that children and pets do not come in contact with the product.

Remove all the animals from the treated facility before the treatment. Animals can be reintroduced in the facilities when the product is settled.

Do not apply in presence of food/feedstuff.

Remove any tool that may enter in contact with food/feedstuff during treatment.

Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination.

4.4.2. Use-specific risk mitigation measures

FOR USE ONLY AS AN INSECTICIDE

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 or products.

Avoid contact with treated surfaces.

Do not apply in presence of people (especially children), pets or animals.

Do not store with oxidizers, alkalis (caustic solutions), or acids.

Remove any food/feedstuff from the application site.

Remove any tool that may enter in contact with food/feedstuff during treatment.

Cover water tanks, feed, troughs and other surfaces or equipment that may enter in contact with feed/foodstuffs before treatment to avoid any contamination.

Only for application in poultry facilities.

Discharge treated material as solid waste or as compost. Do not discharge to the sewer.

Always read the label or leaflet before use and respect all the instructions provided.

To optimise the treatment efficacy, do not apply in case of rain or wind.

Check the treated areas once a week.

Strategies for resistance management are as follows:

- Alternate products containing active substances with different mode of action, (to remove resistant individuals from the population).
- Inform the distributor if the treatment is ineffective.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management. (this is not relevant for the product label)
- Establish a baseline and monitor levels of effectiveness on populations in key areas (at least one survey per year) 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.
- Take into account the life cycle and characteristics of target pests to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
- Check the treated areas in a regular basis.

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- Apply always after thoroughly cleaning and disinfection of the building between flocks. Physical treatments such as raising temperatures of empty buildings between flocks are recommended.
 - Good hygiene measures in personnel with access to the premises and equipment is also important. Transporting mites in the clothes, cages or egg flats must be avoided.

4.4.3. 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

Reactivity: No

Chemical stability: Shelf-life of up to 4 years

Conditions to avoid: Avoid temperature extremes. Avoid exposure to direct sunlight.

Do not store at temperatures above 35 °C.

Incompatible materials: Strong acids and bases, strong oxidizing agents.

Hazardous decomposition products: If the product comes in combustion, for example as a result of a fire may cause smoke and toxic fumes.

First aid instructions

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Most important symptoms and effects, both acute and delayed: Poisoning can cause the following symptoms: paraesthesia, which may be severe in skin and eyes. May cause irritation to eyes, skin and mucous membranes. Inhalation may cause irritation, coughing. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness...

Indication of any immediate medical attention and special treatment needed immediately dispensed

Initially, treatment is symptomatic and supportive.

Emergency measures to protect the environment

Personal precautions: protective equipment and emergency procedures: Keep people away and isolate spill area. Avoid contact with spilled product or contaminated surfaces.

Environmental precautions: Prevent product from entering the environment (surface and groundwater), sewerage, drainage... with the construction of protective barriers and closing drains. Inform the relevant authorities uncontrolled leaks or spills to water courses, drains, sewers...

Methods and materials for containment and cleaning up: Absorb spill on inert material (sand, kaolin...), collect and place in containers for later properly identified as a hazardous waste management

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

Dispose of contents/container in accordance with local waste management regulations.

Do not empty into drains.

Do not contaminate ponds/lakes, water pipes or ditches with the product or with empty container.

Do not reuse packaging

4.4.5. 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 container 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 circulation of air.

Do not store together with oxidizing agents, alkalis (caustic solutions), and acid.

Keep away from foodstuffs, beverages and feed.

Check stocks regularly for damage avoidance.

Shelf-life of up to 4 years.

Do not store at temperatures above 35 °C.

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

- Always read the label or leaflet before use and respect all the instructions provided.
- To optimise the treatment efficacy, do not apply in case of rain or wind.
- To reach nests located under terraces, pour the product carefully in cracks and crevices or between tiles seals and avoid run off of product.
- Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water.
- Check the treated areas once a week.
- Take into account the life cycle and characteristics of target insects to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
- Adopt integrated pest management methods such as the combination of chemical, physical control methods and other public health measures, taking into account local specificities (climatic conditions, target species, conditions of use, etc).
- Alternate products containing active substances with different mode of action, (to remove resistant individuals from the population).
- Inform the distributor if the treatment is ineffective.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management. (this is not relevant for the product label)
- Establish a baseline and monitor levels of effectiveness on populations in key areas (at least one survey per year) 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.

If the infestation persists despite following the instructions of the label, contact a pest control professional. (for non-professional users).