

Summary of product characteristics for a biocidal product

Product name: Mirmex GR

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

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Authorisation number: IE/BPA 70805

R4BP 3 asset reference number: IE-0029865-0000

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Administrative information

1.1. Trade names of the product

Mirmex GR

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Vebi Istituto Biochimico s.r.l.
	Address	via Desman, 43 35010 Borgoricco Italy
Authorisation number		IE/BPA 70805
R4BP 3 asset reference number		IE-0029865-0000
Date of the authorisation		19/10/2023
Expiry date of the authorisation		01/11/2032

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Vebi Istituto Biochimico s.r.l.
Address of the manufacturer	via Desman, 43 35010 Borgoricco (PD) Italy
Location of manufacturing sites	via Desman, 43 35010 Borgoricco (PD) Italy

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

Active substance	1283 - (RS)- α -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)
Name of the manufacturer	Limaru NV (Acting for Tagros Chemicals India Ltd)
Address of the manufacturer	Business Center Mezzo, Paalsesteenweg 170 Bus 7 B-3583 BERINGEN Belgium
Location of manufacturing sites	Tagros Chemicals India Private Ltd. Plant: A-4/1&2, Sipcot Industrial Complex, Pachayankuppam, Cuddalore 607 005 Tamil Nadu 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 (%)
(RS)- α -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)		Active Substance	52315-07-8	257-842-9	0,632
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,012

2.2. Type of formulation

GR - Granule

3. Hazard and precautionary statements

Hazard statements	Very toxic to aquatic life with long lasting effects.
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> <p>Dispose of contents to in accordance with national regulation.</p>

Dispose of container to in accordance with national regulation.

4. Authorised use(s)

4.1 Use description

Use 1 - General public

Product type

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

Where relevant, an exact description of the authorised use

For the control of ants (workers and nests) indoors

For the control of ants (workers) outdoors around buildings only on terraces and balconies.

Target organism(s) (including development stage)

Scientific name: *Lasius niger*
Common name: Ants
Development stage: Adults

Field(s) of use

Indoor

Other

Indoor, outdoor around building

Application method(s)

Method: Spreading
Detailed description:

Spreading
Ready to use product

Crack and crevice treatment.

For indoor use: Apply in thin layers in cracks and crevices (under furniture, in corners and other hiding places), voids and cavities (partition between walls, holes, etc.).

For outdoor around building treatment: Apply in cracks and crevices only on paved surfaces and roof covered areas (protected from rain) on terraces and balconies.

Application rate(s) and frequencies

Application Rate: 8 g/ m²
Dilution (%): 0

	<p>Number and timing of application: Treatment can be performed up to 2 times per year with a minimum interval of 4 weeks between applications</p>
<p>Category(ies) of users</p>	<p>General public (non-professional)</p>
<p>Pack sizes and packaging material</p>	<p>Envelope: 50 g, 100 g, 150 g, 200 g, 250 g, 300 g, 350 g Envelope material: -plastic: PP MAT20 + PET MET 12 + PE45 -plastic PP 25+PET MET 12 +PE60 -plastic: PP MAT20 + PET MET 12 + PE60 -plastic PP25+PE80 -plastic PP25+PET12+PE60</p> <p>Spreader Bottle: 50 g, 100 g, 150 g, 200g, 250 g, 300 g, 350 g bottle : LDPE, HDPE cap: PP; LDPE</p> <p>Bottle with applicator: 50 g, 100 g, 150 g, 200g, 250 g, 300 g, 350 g bottle: HDPE cap: PP; LDPE</p>

4.1.1 Use-specific instructions for use

The product is a granule against ants formulated with micro-encapsulated cypermethrin.
8 grams of product equals to 2 teaspoons approximately. Disposable or dedicated teaspoon should be used.
A careful pre-detection of the areas where the insects use to pass or hidden increase the efficacy of the treatment. Particular care should be taken for dark and warm places, in basements and warehouses. Also, in areas around water pipes, heating and ventilation, under cupboards and other bulky items.
Always read the label or package leaflet before use and follow all instructions provided.
If the infestation persists despite the instructions on the label, contact a pest control operator.
Knockdown of ant workers is expected within 60 minutes after exposure of insects to the treated surfaces.
The product has a residual period of 4 weeks.
Remove (clean) product after the residual period.
Remove dead insects after the treatment.

4.1.2 Use-specific risk mitigation measures

Do not apply the product on surfaces that may be in contact with animals, food or beverages intended for human consumption or for the feeding of livestock.

For indoor use, the product has to be applied only on restricted areas on surfaces not regularly cleaned (i.e. under furniture, corners, etc). Do not apply to areas susceptible to routine wet cleaning .

For around building treatment: apply only on paved surfaces and roof covered area. Do not apply near bodies of surface water or in the area of water protection zones.

Do not apply near bodies of surface water or in the area of water protection zones.

For use only in areas that are inaccessible to infants, children, companion and farm animals.

No use of wet cleaning procedures.

Use only dry-cleaning procedures (vacuum or broom) or use damp paper.

After cleaning, dispose the collected in the dry cleaner materials or the damp papers used as solid wastes.

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

The product contains: cypermethrin. May cause paraesthesia.

IF EXPOSED: Call a POISON CENTRE or a doctor.

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.

There is no antidote, symptomatic treatment is advised.

No adverse effects expected when comply with the instructions for use.

Poisons Information:

For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166).

Prevent entry into drains, sewers and watercourses. Pick up and arrange disposal without creating dust cloud. Collect spills and place them in suitable containers well sealed for disposal. Clean contaminated surfaces with damp paper and after cleaning disposed it in solid wastes.

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

Waste treatment methods:

- Dispose of waste and residues in accordance with local authority requirements.
- Do not allow runoff to sewer, waterway or ground.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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

Keep containers tightly closed in a dry, cool and well-ventilated place, away from children, animals, food or feed.

The product is stable for 2 years when stored in the original intact package, protected by light and sunlight exposure, and when stored at room temperature

4.2 Use description

Use 2 - Professional user

Product type

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

Where relevant, an exact description of the authorised use

For the control of ants (workers and nests) indoors
For the control of ants (workers) outdoors around buildings only on terraces and balconies.

Target organism(s) (including development stage)

Scientific name: *Lasius niger*
Common name: Ants
Development stage: Adults

Field(s) of use

Indoor
Other
Indoor, outdoor around building

Application method(s)

Method: Spreading
Detailed description:

Spreading
Ready to use product
Crack and crevice treatment.
For indoor use: Apply in thin layers in cracks and crevices (under furniture, in corners and other hiding places), voids and cavities (partition between walls, holes, etc.).
For outdoor around building treatment: Apply in cracks and crevices only on paved surfaces and roof covered areas (protected from rain) on balconies and terraces.

Application rate(s) and frequencies

Application Rate: 8g/ m2
Dilution (%): 0
Number and timing of application:
Treatment can be performed up to 2 times per year with a minimum interval of 4 weeks between applications

Category(ies) of users

Trained professional
Professional

Pack sizes and packaging material

Envelope: 0.5 kg, 1 kg, 1.5 kg, 2kg, 2.5 kg; 3 kg, 5 kg, 10 kg, 20 kg
Envelope material:
-plastic: PP MAT20 + PET MET 12 + PE45
-plastic PP 25+PET MET 12 +PE60
-plastic: PP MAT20 + PET MET 12 + PE60
-plastic PP25+PE80
-plastic PP25+PET12+PE60

Spreader Bottle: 50 g, 100 g, 150 g, 200g, 250 g, 300 g, 375 g, 500 g, 750g, 1000 g
bottle : LDPE, HDPE
cap:PP; LDPE

Bottle with applicator: 50 g, 100 g, 150 g, 200g, 250 g, 300 g, 375 g 500 g, 750g
bottle: HDPE
cap: PP; LDPE

Bucket CPP; 5 kg, 10 kg

4.2.1 Use-specific instructions for use

Do not mix with other chemicals or products.
The product is a granule against ants formulated with micro-encapsulated cypermethrin.
8 grams of product equals to 2 teaspoons approximately. Disposable or dedicated teaspoon should be used.
Always read the label or package leaflet before use and follow all instructions provided.
The product has a residual period of 4 week.
Remove (clean) product after the residual period.
Remove dead insects after the treatment.

4.2.2 Use-specific risk mitigation measures

Do not apply the product on surfaces that may be in contact with animals, food or beverages intended for human consumption or for the feeding of livestock.

For indoor use, the product has to be applied only on restricted areas on surfaces not regularly cleaned (i.e. under furniture, corners, etc). Do not apply to areas susceptible to routine wet cleaning .

For around building treatment: apply only on paved surfaces and roof covered area.

Do not apply near bodies of surface water or in the area of water protection zones.

For use only in areas that are inaccessible to infants, children, companion and farm animals.

In case of use with applicator tool: Cover the floor when loading the product in the application tools and dispose the material in solids wastes, in order to avoid releases on floor.

No use of wet cleaning procedures. Use only dry-cleaning procedures (vacuum or broom) or use damp paper. After cleaning, dispose the collected in the dry cleaner materials or the damp papers used as solid wastes.

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

The product contains: cypermethrin. May cause paraesthesia.

IF EXPOSED: Call a POISON CENTRE or a doctor.

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.

There is no antidote, symptomatic treatment is advised.

No adverse effects expected when comply with the instructions for use.

Poisons Information:

For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166).

Prevent entry into drains, sewers and watercourses. Pick up and arrange disposal without creating dust cloud. Collect spills and place them in suitable containers well sealed for disposal. Clean contaminated surfaces with damp paper and after cleaning disposed it in solid wastes.

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

When use non-disposable (reusable) equipment: clean equipment with damp paper and after cleaning dispose the paper used for cleaning in solid wastes.

Waste treatment methods:

- Dispose of waste and residues in accordance with local authority requirements.
- Do not allow runoff to sewer, waterway or ground.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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

Keep containers tightly closed in a dry, cool and well-ventilated place, away from children, animals, food or feed.

Avoid light and sunlight exposure

The product is stable for 2 years when stored in the original intact package, protected by light and sunlight exposure, and when stored at room temperature

5. General directions for use

5.1. Instructions for use

The product is a granule against ants formulated with micro-encapsulated cypermethrin.

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

A careful pre-detection of the areas where the insects use to pass or hidden increases the efficacy of the treatment. Particular care should be taken for dark and warm places, in basements and warehouses. Also, in areas around water pipes, heating and ventilation, under cupboards and other bulky items.

Do not mix with other chemicals or products.

Remove (clean) product after the residual period. Remove dead insects after the treatment.

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 containing active substances with different mode of action.
- In cases where label rates, correctly applied, fail to give the expected level of control and resistance is demonstrated, use of any product containing active substances with the same mode of action should cease.
- The users should inform if the treatment is ineffective and report straightforward to the authorization holder. The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management.

5.2. Risk mitigation measures

Do not apply the product on surfaces that may be in contact with animals, food or beverages intended for human consumption or for the feeding of livestock.

For indoor use, the product has to be applied only on restricted areas on surfaces not regularly cleaned (i.e. under furniture, corners, etc). Do not apply to areas susceptible to routine wet cleaning.

For around building treatment: apply only on paved surfaces and roof covered area.

Do not apply near bodies of surface water or in the area of water protection zones.

For use only in areas that are inaccessible to infants, children, companion and farm animals.

No use of wet cleaning procedures. Use only dry-cleaning procedures (vacuum or broom) or use damp paper. After cleaning, dispose the collected in the dry cleaner materials or the damp papers used as solid wastes.

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

The product contains: cypermethrin. May cause paraesthesia.

IF EXPOSED: Call a POISON CENTRE or a doctor.

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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.

There is no antidote, symptomatic treatment is advised.

No adverse effects expected when comply with the instructions for use.

Poison center phone number: National Poisons Information Centre, Beaumont Hospital, Dublin (01-809 2166)

Prevent entry into drains, sewers and watercourses. Pick up and arrange disposal without creating dust cloud. Collect spills and place them in suitable containers well sealed for disposal. Clean contaminated surfaces with damp paper and after cleaning disposed it in solid wastes.

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

Waste treatment methods:

- Dispose of waste and residues in accordance with local authority requirements.
- Do not allow runoff to sewer, waterway or ground.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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

Keep containers tightly closed in a dry, cool and well-ventilated place, away from children, animals, food or feed.
The product is stable for 2 years when stored in the original intact package, protected by light and sunlight exposure, and when stored at room temperature

6. Other information

The product contains the following nanomaterial: "Silicon dioxide, chemically prepared (nano)."