

Summary of product characteristics for a biocidal product

Product name: Draker One

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

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Authorisation number: IE/BPA 70803

R4BP 3 asset reference number: IE-0029905-0000

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Administrative information

1.1. Trade names of the product

Draker One
DK One

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 70803	
R4BP 3 asset reference number	IE-0029905-0000	
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	Name of substance supplier according art 95: Limaru (acting for Tagros)
Address of the manufacturer	Business Center Mezzo, Paalsesteenweg 170 Bus 7 3583 Beringen Belgium
Location of manufacturing sites	Tagros Chemicals India Ltd.: A-4/1&2, Sipcot Industrial Complex, Pachayankuppam, Cuddalore 607 005 Tamil Nadu India
Active substance	1283 - (RS)- α -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)
Name of the manufacturer	Tagros Chemicals India Limited
Address of the manufacturer	Jhaver Centre, Rajah Annamalai Building, IV Floor, 72, Marshalls Road 600 008 Egmore, Chennai India
Location of manufacturing sites	Tagros Chemicals India Ltd.: 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	10,53

2.2. Type of formulation

CS - Capsule suspension

3. Hazard and precautionary statements

Hazard statements

May be corrosive to metals.

May cause damage to organs nervous system through prolonged or repeated exposure

Precautionary statements

Very toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Keep only in original packaging.

Do not breathe spray.

Avoid release to the environment.

Get medical advice if you feel unwell.

Absorb spillage to prevent material damage.

Dispose of contents to in accordance with national regulations..

Dispose of container to in accordance with national regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Crack and crevice treatment, indoor - professional

Product type

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

Where relevant, an exact description of the authorised use

Insecticide intended for crack & crevice applications to control infestations of crawling insects

Target organism(s) (including development stage)

Scientific name: Blattella germanica
Common name: German cockroach
Development stage: Adults

Scientific name: Lasius niger
Common name: Garden ant
Development stage: Adults

Scientific name: Periplaneta americana
Common name: American Cockroach
Development stage: Adults

Field(s) of use

Indoor

Indoor areas where wet cleaning is not feasible. Areas under non removable furniture or heating appliances, rooms with electrical appliances, closed bath tubes, areas below kitchen furniture which are closed, basements, crawling spaces, boiler rooms.

Application method(s)

Method: Crack and crevice treatment by spraying
Detailed description:

Commercial product has to be diluted in water before use.
It should be applied using any conventional manual or power sprayer equipped to produce a coarse spray at low pressure. The appropriate volume of Draker One is added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before reuse. Draker One should be applied throughout the infested area in cracks, crevices and any place where insects may hide and over which they may crawl or settle.

Application rate(s) and frequencies

Application Rate: Cockroaches 87-163 mg t.g.a.i./m²; Ants 43-109 mg t.g.a.i./m²
Dilution (%): Cockroaches: 40 to 75 ml of a 2% insecticide solution/m² Ants: 40 to 100 ml of 1% insecticide solution/m². Higher use rate is intended for treatments on porous surfaces and lower for non-porous surfaces.
Number and timing of application:

Frequency of application: 1-2 times a year.

Product's efficacy lasts for 2 weeks.

Category(ies) of users

Trained professional

Professional

Pack sizes and packaging material

1. 50 ml Bottle, HDPE
2. 100 ml Bottle Multilayer COEX/EVOH with and without outer carton box
3. 250 ml Bottle Multilayer COEX/EVOH
4. 500 ml Bottle Multilayer COEX/EVOH
5. 1 liter Bottle Multilayer COEX/EVOH
6. 100 ml right doses bottle/Bettix HDPE
7. 300 ml right doses bottle/Bettix HDPE
8. 1 liter right doses bottle/Bettix HDPE
9. Vial PET/PE[T3] (1 ml, 3 ml, 5 ml, 10 ml, 15 ml, 20 ml) carton box with 1, 2, 3, 4, 5, 10, 50, 100 pieces
10. 5, 10, 20 litre COEX/PA tanks

4.1.1 Use-specific instructions for use

Apply into cracks and crevices, in non wet cleaned areas where insects are used to hide or rest, i.e. under non removable furniture or heating appliances, rooms with electrical appliances, closed bath tubes, areas below kitchen furniture which are closed, basements, crawling spaces, boiler rooms, cellars, attics.
Applications in the appropriate way maintain product's efficacy for 2 weeks.

Do not mix with other insecticides.

4.1.2 Use-specific risk mitigation measures

Do not apply the product in areas that are wet cleaned or might be submerged by water.
For use only in areas that are inaccessible to infants, toddlers and pets.
Professional and trained professional users should wear protective gloves and impermeable coveralls during application of the product and cleaning of the spraying equipment.
Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.
Keep cats away from treated areas due to high sensitivity to pyrethroids.
Remove or cover terrariums, aquariums and animal cages before application.
Turn-off aquarium air-filter during use.

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

Please, see general directions for use.

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

Please, see general directions for use.

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

Please, see general directions for use.

4.2 Use description

Use 2 - Crack and crevice treatment, indoor - non-professional

Product type

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

Where relevant, an exact description of the authorised use

Insecticide intended for crack & crevice applications to control crawling insects

Target organism(s) (including development stage)

Scientific name: *Blattella germanica*
Common name: German cockroach
Development stage: Adults

Scientific name: *Lasius niger*
Common name: Garden ant
Development stage: Adults

Scientific name: *Periplaneta americana*
Common name: American Cockroach

Development stage: Adults

Field(s) of use

Indoor

Indoor areas where wet cleaning is not feasible. Areas under non removable furniture or heating appliances, rooms with electrical appliances, closed bath tubes, areas below kitchen furniture which are closed, basements, crawling spaces, boiler rooms.

Application method(s)

Method: Crack and crevice treatment by spraying.
Detailed description:

Application is performed either via hand-held or via trigger sprayer. The appropriate volume of Draker One is added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use. Draker One should be applied throughout the infested area as a coarse spray to cracks & crevices, where insects may crawl and hide.

Cockroaches:

Bottle with dosing device: measure 2 mL of product and pour in 0.100 L of water into an appropriate container with trigger spray.

Vial 2 mL: pour the content in 0.100 L of water into an appropriate container with trigger spray.

In the case of porous surfaces (e.g. concrete, bricks, woods plastic etc.) treat with 75 ml/m².

In the case of non porous surfaces (e.g. plastic, metal, ceramics etc.) treat with 40 ml/m².

(Application rate in terms of active substance is 87-163 mg t.g.a.i./m²)

Ants:

Bottle with dosing device: measure 2 mL of product and pour in 0.200 L of water into an appropriate container with trigger spray.

Vial 2 mL: pour the content in 0.200 L of water into an appropriate container with trigger spray.

In the case of porous surfaces (e.g. concrete, bricks, woods plastic etc.) treat with 100 ml/m²

In the case of non porous surfaces (e.g. plastic, metal, ceramics etc.) treat with 40 ml/m².

(Application rate in terms of active substance is 43-109 mg t.g.a.i./m²)

Product efficacy remains for 2 weeks after treatment.

Application rate(s) and frequencies

Application Rate: Cockroaches 87-163 mg t.g.a.i./m²; Ants 43-109 mg t.g.a.i./m²
Dilution (%): Cockroaches: 40 to 75 ml of a 2% insecticide solution/m². Ants: 40 to 100 ml of 1% insecticide solution/m². Higher use rate is intended for treatments on porous surfaces and lower for non-porous surfaces.

Number and timing of application:

Frequency of application: 1-2 times a year.

Product efficacy remains for 2 weeks after treatment.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

1. 50 ml Bottle, HDPE
2. 100 ml Bottle Multilayer COEX/EVOH with and without outer carton box
3. 100 ml right doses bottle/Bettix HDPE
4. Vial PET/PE (1 ml, 3 ml, 5 ml, 10 ml, 15 ml, 20 ml) carton box with 1, 2,3,4,5,pieces

4.2.1 Use-specific instructions for use

Apply into cracks and crevices, in non wet cleaned areas where insects are used to hide or rest, i.e. under non removable furniture or heating appliances, rooms with electrical appliances, closed bath tubes, areas below kitchen furniture which are closed, basements, crawling spaces, boiler rooms, cellars, attics.

Applications in the appropriate way maintain product's efficacy for 2 weeks.

Knockdown of cockroaches and ant workers is expected within 30 minutes after exposure of insects to the treated surfaces.

Do not mix with other insecticides.

If the infestation persists despite following the label instructions, contact a pest control operator.

4.2.2 Use-specific risk mitigation measures

Do not apply the product in areas that are wet cleaned or might be submerged by water.

For use only in areas that are inaccessible to infants, toddlers and pets.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Keep cats away from treated areas due to high sensitivity to pyrethroids.

Remove or cover terrariums, aquariums and animal cages before application.

Turn-off aquarium air-filter during use.

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

Please, see general directions for use.

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

Please, see general directions for use.

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

Please, see general directions for use.

4.3 Use description

Use 3 - Treatment around building – Mosquitoes - professional

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Insecticide intended for around building treatments against mosquitoes.
Target organism(s) (including development stage)	Scientific name: <i>Aedes albopictus</i> Common name: Tiger mosquito Development stage: Adults Scientific name: <i>Culex pipiens</i> Common name: House mosquito Development stage: Adults
Field(s) of use	Outdoor Other Outdoor, around building in rural areas.
Application method(s)	Method: Surface treatment by spraying Detailed description: The product has to be diluted in water before use. Application is performed using any conventional manual or power sprayer equipped to produce a coarse spray at low pressure. The appropriate volume of Draker One is added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use. Draker One should be applied throughout the infested area as a coarse spray on surface of walls around the building or in places like terraces to prevent the entrance of mosquitoes. Mortality is reached in a few minutes.

Application rate(s) and frequencies

Application Rate: 22 mg t.g.a.i./m²
Dilution (%): 40 ml of a 0.5% insecticide solution/m²
Number and timing of application:

Frequency of application 1-2-time a year.

Category(ies) of users

Trained professional

Professional

Pack sizes and packaging material

1. 50 ml Bottle, HDPE
2. 100 ml Bottle Multilayer COEX/EVOH with and without outer carton box
3. 250 ml Bottle Multilayer COEX/EVOH
4. 500 ml Bottle Multilayer COEX/EVOH
5. 1 liter Bottle Multilayer COEX/EVOH
6. 100 ml right doses bottle/Bettix HDPE
7. 300 ml right doses bottle/Bettix HDPE
8. 1 liter right doses bottle/Bettix HDPE
9. Vial PET/PE (1 ml, 3 ml, 5 ml, 10 ml, 15 ml, 20 ml) carton box with 1, 2,3,4,5,10, 50, 100 pieces
10. 5, 10, 20 litre COEX/PA tanks

4.3.1 Use-specific instructions for use

Product acts against mosquitoes by vapour. Surface treatment on walls around the building or in places like terraces to prevent the entrance of mosquitoes . Apply in the vicinity of doors and windows on walls, in humid nooks, under tables or on walls close to ornamental green where insects rest . Mosquitoes fly close to the ground and therefore rest in the lower part of the walls; to obtain the best results treat on a band of wall up to 150-160 cm height. Do not apply directly on ornamental plants. The product provides sufficient control of mosquitoes at a distance up to 1.1 m from the treated surfaces.

The product has rapid knock-down against mosquitoes.

The product has no residual action against mosquitoes.

4.3.2 Use-specific risk mitigation measures

Treat on a band of wall up to 150-160 cm height.
Apply only in areas where floor is not connected or near sewer.
Do not use where release to drains (sewer) and/or surface water cannot be prevented.
Do not re-enter in the treated area until the insecticide solution is completely dried.
For use only in areas that are inaccessible to infants, toddlers and pets.
Keep cats away from treated areas due to high sensitivity to pyrethroids.

Professional and trained professional users should wear protective gloves and impermeable coveralls during application of the product and cleaning of the spraying equipment.

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

Please, see general directions for use.

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

Please, see general directions for use.

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

Please, see general directions for use.

4.4 Use description

Use 4 - Treatment around building - Mosquitoes - non-professional

Product type

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

Where relevant, an exact description of the authorised use

Insecticide intended for around building treatments against mosquitoes.

Target organism(s) (including development stage)

Scientific name: Aedes albopictus
Common name: tiger mosquito
Development stage: Adults

Scientific name: Culex pipiens
Common name: House mosquito
Development stage: Adults

Field(s) of use

Outdoor

Other

Outdoor, around building in rural areas.

Application method(s)

Method: Surface treatment by spraying

Detailed description:

The product has to be diluted in water before use.

Application is performed either via hand-held or via trigger sprayer. The appropriate volume of Draker One is added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use. Draker One should be applied throughout the infested area as a coarse spray on surface.

Bottle with dosing device: measure 5 mL of product and pour in 1 L of water into an appropriate container with trigger spray.

Vial 5 mL: pour the content in 1 L of water into an appropriate container with trigger spray.

Treat 25 m² with 1 L of solution (40 ml /m²).

Apply on walls, in humid nooks, under tables or on walls close to ornamental green where insects rest. Mosquitoes fly close to the ground and therefore rest in the lower part of the walls; to obtain the best results treat on a band of wall up to 150-160 cm height. Do not apply directly on ornamental plants. The product provides sufficient control of mosquitoes at a distance up to 1.1 m from the treated surfaces.

Mortality is reached in a few minutes.

Application rate(s) and frequencies

Application Rate: 22 mg t.g.a.i./m²

Dilution (%): 40 ml of a 0.5% insecticide solution/m².

Number and timing of application:

Frequency of application 1-2-time a year.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

- 50 ml Bottle, HDPE
- 100 ml Bottle Multilayer COEX/EVOH with and without outer carton box
- 100 ml right doses bottle/Bettix HDPE
- Vial PET/PE (1 ml, 3 ml, 5 ml, 10 ml, 15 ml, 20 ml) carton box with 1, 2,3,4,5,

pieces

4.4.1 Use-specific instructions for use

Product acts against mosquitoes by vapour. Surface treatment on walls, around buildings, in humid nooks, under tables or close to ornamental green where insects rest. The product provides sufficient control of mosquitoes at a distance up to 1.1 m from the treated surfaces. Mosquitoes fly close to the floor and therefore rest in the lower part of the walls to obtain the best results treat on a band of wall up to 150-160 cm height.

The product has rapid knock-down against mosquitoes.

The product has no residual action against mosquitoes.

Do not apply directly on ornamental plants.

If the infestation persists or the area is particularly subject to mosquitoes' infestation, contact a pest control operator and inform the municipality for vector control.

4.4.2 Use-specific risk mitigation measures

Treat on a band of wall up to 150-160 cm height.

Apply only in areas where floor is not connected or near sewer.

Do not use where release to drains (sewer) and/or surface water cannot be prevented.

Do not re-enter in the treated area until the insecticide solution is completely dried.

For use only in areas that are inaccessible to infants, toddlers and pets.

Keep cats away from treated areas due to high sensitivity to pyrethroids.

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

Please, see general directions for use.

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

Please, see general directions for use.

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

Please, see general directions for use.

5. General directions for use

5.1. Instructions for use

Always read the label before use.
Please, see specific instructions for use detailed in above sections.
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 in presence of food/feedstuff.
Remove any tool that may enter in contact with food/feedstuff during treatment.
For use only in areas that are inaccessible to infants, toddlers and pets.
Keep cats away from treated areas due to high sensitivity to pyrethroids.
Professional and trained professional users should wear protective gloves and impermeable coveralls during application of the product and cleaning of the spraying equipment.
Please, see specific RMMs for each use, as detailed in above sections.

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

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: 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).

5.4. 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 reuse packaging.

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

Keep out of reach of children.

Store away from food, drinks or feeding stuff.

Do not store at temperature lower than 0°C

Do not store above 40°C.

Shelf-life: 2 years from the manufacturing date when stored in the original container, protected by light and sunlight exposure, at room temperatures.

6. Other information

Contains cypermethrin; May cause paresthesia.