

# Summary of product characteristics for a biocidal product

**Product name:** Free Land 10E

**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)

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

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

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

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

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

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

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

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

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

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

**Authorisation number:** 3460-1

**R4BP 3 asset reference number:** BG-0030272-0000

## Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	21
5.1. Instructions for use	21
5.2. Risk mitigation measures	21
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	21
5.4. Instructions for safe disposal of the product and its packaging	21
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	21
6. Other information	22

## Administrative information

### 1.1. Trade names of the product

Free Land 10E
---------------

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Activa s.r.l.
	Address	via Feltre, 32 20132 Milano Italy
<b>Authorisation number</b>	3460-1	
<b>R4BP 3 asset reference number</b>	BG-0030272-0000	
<b>Date of the authorisation</b>	18/04/2023	
<b>Expiry date of the authorisation</b>	16/02/2033	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Activa S.r.l
<b>Address of the manufacturer</b>	Via Feltre 32 20132 Milano Italy
<b>Location of manufacturing sites</b>	c/o ALTHALLER ITALIA s.r.l. Strada Com.le per Campagna, 5 20078 San Colombano al Lambro (MI) Italy
	c/o FERBI SRL Contrada Ripoli 64023 Mosciano Sant'Angelo (TE) Italy

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

<b>Active substance</b>	1283 - (RS)- $\alpha$ -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)
<b>Name of the manufacturer</b>	Tagros Chemicals India Ltd.
<b>Address of the manufacturer</b>	Jhaver Centre, Rajah Annamalai Building, IV Floor, 72, Marshalls Road 600 008 Egmore, Chennai India
<b>Location of manufacturing sites</b>	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)- $\alpha$ -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)		Active Substance	52315-07-8	257-842-9	10

### 2.2. Type of formulation

EC - Emulsifiable concentrate
-------------------------------

## 3. Hazard and precautionary statements

<b>Hazard statements</b>	Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	Avoid release to the environment. Collect spillage. Dispose of container to national regulation. Dispose of contents to national regulation.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Indoor spot application in not wet cleaned areas

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	Application of the product must be performed in areas that are not wet cleaned. Total area treated in a standard house = 2 m <sup>2</sup> Total area treated in a large building = 9.3 m <sup>2</sup>
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Blattella germanica</i> Common name: German cockroach Development stage: Adults  Scientific name: <i>Blatta orientalis</i> Common name: Oriental cockroach Development stage: Adults  Scientific name: <i>Lasius niger</i> Common name: Garden ant Development stage: Adults
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 50 mg a.i./m <sup>2</sup> . Dilution (%): 1 Number and timing of application: Application up to 2 times per year.
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.1.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mix thoroughly and using a knapsack spray, distribute 50mL of solution for 1sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.1.2 Use-specific risk mitigation measures

Application only in areas that are not wet cleaned  
Wear chemical resistant gloves

#### 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, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 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, refer to section 2.1.5 General directions for use.

### 4.2 Use description

#### Use 2 - Indoor spot application in not wet cleaned areas

##### Product type

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

##### Where relevant, an exact description of the authorised use

Application of the product must be performed in areas that are not wet cleaned.  
Total area treated in a standard house = 2 m<sup>2</sup>

##### Target organism(s) (including development stage)

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

Scientific name: *Blatta orientalis*  
Common name: Oriental cockroach  
Development stage: Adults

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

<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 50 mg a.i. /m2. Dilution (%): 1 Number and timing of application: Application up to 2 times per year.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Cartridge (ready to dilute system) 2.5 mls HDPE Single Use Bottle 25 mls HDPE Single Use Bottle 50 mls HDPE Single Use Bottle 100 mls HDPE

#### 4.2.1 Use-specific instructions for use

In the case of single use pack, pour the full content in the knapsack spray or in a spray pump of proper size, already filled by water, mix thoroughly and distribute 50mL of solution for 1 sqm.  
In the case of ready to dilute pack, strip the collar, screw down the ferrule, shake the container. The application has to be performed using the specific container, equipped with the appropriated trigger. Perform 35-40 spray per sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.2.2 Use-specific risk mitigation measures

Application only in areas that are not wet cleaned

#### 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, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 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, refer to section 2.1.5 General directions for use.

#### 4.3 Use description

##### Use 3 - Indoor spot application in crack & crevice

###### Product type

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

###### Where relevant, an exact description of the authorised use

Total area treated in a standard house = 2 m<sup>2</sup>  
Total area treated in a large building = 9.3 m<sup>2</sup>

###### Target organism(s) (including development stage)

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

Scientific name: *Blatta orientalis*  
Common name: Oriental 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

###### Application method(s)

Method: Knapsack spray  
Detailed description:  
Spraying

###### Application rate(s) and frequencies

Application Rate: 20 mg a.i./m<sup>2</sup>.  
Dilution (%): 0.5  
Number and timing of application:  
Application up to 2 times per year.

###### Category(ies) of users

Trained professional

Professional

###### Pack sizes and packaging material

Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE  
Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.3.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mixing thoroughly and using a knapsack spray, distribute 40ML of solution for 1 sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.3.2 Use-specific risk mitigation measures

Wear chemical resistant gloves.

#### 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, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 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, refer to section 2.1.5 General directions for use.

#### 4.4 Use description

##### Use 4 - Indoor spot application in crack & crevice

##### Product type

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

##### Where relevant, an exact description of the authorised use

Total area treated in a standard house = 2 m<sup>2</sup>

##### Target organism(s) (including development stage)

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

Scientific name: *Blatta orientalis*  
Common name: Oriental 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

<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 20mg a.i./m2. Dilution (%): 0.5 Number and timing of application: Application up to 2 times per year.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Cartridge (ready to dilute system) 2.5 mls HDPE Single Use Bottle 25 mls HDPE Single Use Bottle 50 mls HDPE Single Use Bottle 100 mls HDPE

#### 4.4.1 Use-specific instructions for use

In the case of single use pack, pour the full content in the knapsack spray or in a spray pump of proper size, already filled by water, mix thoroughly and distribute 40mL of solution for 1 sqm.  
In the case of ready to dilute pack, strip the collar, screw down the ferrule, shake the container. The application has to be performed using the specific container, equipped with the appropriated trigger. Perform 30-35 spray per sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.4.2 Use-specific risk mitigation measures

No RMMs.

#### 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, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 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, refer to section 2.1.5 General directions for use.

#### 4.5 Use description

##### Use 5 - Indoor barrier application in crack & crevice

##### Product type

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

##### Where relevant, an exact description of the authorised use

Application of the product must be performed in areas that are not wet cleaned.  
Total area treated in a standard house = 20 m<sup>2</sup>  
Total area treated in a large building = 93 m<sup>2</sup>

##### Target organism(s) (including development stage)

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

Scientific name: *Blatta orientalis*  
Common name: Oriental 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

##### Application method(s)

Method: Knapsack spray  
Detailed description:  
Spraying

##### Application rate(s) and frequencies

Application Rate: 20 mg a.i./m<sup>2</sup>.  
Dilution (%): 0.5  
Number and timing of application:  
Application up to 2 times per year.

##### Category(ies) of users

Trained professional  
Professional

##### Pack sizes and packaging material

Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE  
Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.5.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mixing thoroughly and using a knapsack spray, distribute 40ML of solution for 1 sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.5.2 Use-specific risk mitigation measures

Application only in areas that are not wet cleaned

Wear chemical resistant gloves.

#### 4.5.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.6 Use description

##### Use 6 - Indoor barrier application in crack & crevice

##### Product type

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

##### Where relevant, an exact description of the authorised use

Application of the product must be performed in areas that are not wet cleaned.  
Total area treated in a standard house = 20 m<sup>2</sup>

##### Target organism(s) (including development stage)

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

Scientific name: *Blatta orientalis*  
Common name: Oriental 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
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 20 mg a.i./m2. Dilution (%): 0.5 Number and timing of application: Application up to 2 times per year.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Cartdrige (ready to dilute system) 2.5 mls HDPE Single Use Bottle 25 mls HDPE Single Use Bottle 50 mls HDPE Single Use Bottle 100 mls HDPE

#### 4.6.1 Use-specific instructions for use

In the case of single use pack, pour the full content in the knapsack spray or in a spray pump of proper size, already filled by water, mix thoroughly and distribute 40mL of solution for 1 sqm.  
In the case of ready to dilute pack, strip the collar, screw down the ferrule, shake the container. The application has to be performed using the specific container, equipped with the appropriated trigger. Perform 30-35 spray per sqm.  
Avoid contact with treated surfaces. Application up to 2 times per year.

#### 4.6.2 Use-specific risk mitigation measures

Application of the product must be performed in areas that are not wet cleaned.

#### 4.6.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.7 Use description

##### Use 7 - Indoor flying wasp control

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	The product is applied directly on a single wasp when it is laid on a surface.
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Vespula Germanica</i> Common name: German wasp Development stage: Adults
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Pump spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 20 mg a.i. per insect Dilution (%): 5 Number and timing of application: 2 times per year.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Cartridge (ready to dilute system) 2.5 mls HDPE Single Use Bottle 25 mls HDPE Single Use Bottle 50 mls HDPE Single Use Bottle 100 mls HDPE

#### 4.7.1 Use-specific instructions for use

In the case of single use pack, pour the full content in a spray pump of proper size, already filled by water, mix thoroughly and apply 4mL per insect

#### 4.7.2 Use-specific risk mitigation measures

No RMM.

#### 4.7.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.8 Use description

##### Use 8 - Targeted residual treatment around the building against mosquitoes

###### Product type

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

###### Where relevant, an exact description of the authorised use

The product is applied outdoor around buildings in rural areas to control flying insects.

###### Target organism(s) (including development stage)

Scientific name: *Aedes albopictus*  
Common name: Aedes mosquitoes  
Development stage: Adults

Scientific name: *Culex pipiens*  
Common name: Common mosquitoes  
Development stage: Adults

###### Field(s) of use

Outdoor

Around the building

<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 10 mg a.i./m2 Dilution (%): 0.2 Number and timing of application: No limitations.
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.8.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mix thoroughly and using a knapsack spray, distribute 1litre of solution for 20sqm.

#### 4.8.2 Use-specific risk mitigation measures

The product should only be applied where the floor is not connected to a drain (i.e. STP). Do not apply during rainy or windy weather. Prevent exposure of non-target organisms (e.g., consider night application when pollinators including bees are not active, no treatment of plants during blooming period).

#### 4.8.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.9 Use description

##### Use 9 - Targeted residual treatment around the building against mosquitoes

**Product type**

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

**Where relevant, an exact description of the authorised use**

The product is applied outdoor around buildings in rural areas to control flying insects.

**Target organism(s) (including development stage)**

Scientific name: Aedes albopictus  
Common name: Aedes mosquitoes  
Development stage: Adults

Scientific name: Culex pipiens  
Common name: Common mosquitoes  
Development stage: Adults

**Field(s) of use**

Outdoor

Around the building

**Application method(s)**

Method: Knapsack spray  
Detailed description:  
Spraying

**Application rate(s) and frequencies**

Application Rate: 10 mg a.i./m<sup>2</sup>  
Dilution (%): 0.2  
Number and timing of application:  
No limitations.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

Cartdrige (ready to dilute system) 2.5 mls HDPE  
Single Use Bottle 25 mls HDPE  
Single Use Bottle 50 mls HDPE  
Single Use Bottle 100 mls HDPE

#### 4.9.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mix thoroughly and using a knapsack spray, distribute 1litre of solution for 20sqm.

#### 4.9.2 Use-specific risk mitigation measures

The product should only be applied where the floor is not connected to a drain (i.e. STP). Do not apply during rainy or windy weather. Prevent exposure of non-target organisms (e.g., consider night application when pollinators including bees are not active, no treatment of plants during blooming period).

#### 4.9.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.10 Use description

##### Use 10 - Outdoor space spraying by cold fogging against mosquitoes

###### Product type

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

###### Where relevant, an exact description of the authorised use

Product is applied outdoor in green areas to control mosquitoes.

###### Target organism(s) (including development stage)

Scientific name: Aedes albopictus  
Common name: Aedes mosquitoes  
Development stage: Adults

Scientific name: Culex pipiens  
Common name: Common mosquitoes  
Development stage: Adults

<b>Field(s) of use</b>	Outdoor  Outdoor, residential areas
<b>Application method(s)</b>	Method: Cold fogging Detailed description: Dilute the product in water at the recommended rate, mix thoroughly, then using a cold fogger equipment properly calibrated, distribute evenly in the area interested by the application, during nighttime or dusk and dawn.
<b>Application rate(s) and frequencies</b>	Application Rate: 0.0003 g a.i./m <sup>2</sup> for treatment against Culex pipiens 0.0001 g a.i./m <sup>2</sup> for treatment against Aedes albopictus Dilution (%): - 0.06% w/w against Culex pipiens - 0.02% w/w against Aedes albopictus Number and timing of application: No limitations.
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.10.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mix thoroughly, then using a cold fogger equipment properly calibrated, distribute evenly in the area interested by the application, during nighttime or dusk and dawn.

#### 4.10.2 Use-specific risk mitigation measures

- Prevent exposure of water bodies (e.g. a buffer zone of some tenths of meters).
- Prevent exposure of non-target organisms (e.g., consider night application when pollinators including bees are not active, no treatment on plants during blooming period).
- Should be considered night application after thermal inversion so as to avoid spread of spray droplets;
- When application is directed towards shrubs and sheds the application should not exceed 2 meters height in order to reduce spread of spray droplets and to grant upwards an untreated area to facilitate recovery.

- make sure that there are untreated area in the territory to facilitate recovery.
- Accept an initial effect when recovery occurs within a certain period.
- Cold fogging equipments should be calibrated carefully and regularly.

#### 4.10.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

### 4.11 Use description

#### Use 11 - Ant nest eradication

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	The product is applied outdoor for ant nest eradication.
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Lasius niger</i> Common name: Garden ant Development stage: Adults
<b>Field(s) of use</b>	Outdoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 20 mg a.i./nest Dilution (%): 0.5

	Number and timing of application: No limitations.
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Bottle in HDPDE with measuring cap of 25 mls, 250 mls, 500 mls, 1 liter, 2 liter HDPE Bottle in HDPE of 5 liters, 10 liters, 20 liters

#### 4.11.1 Use-specific instructions for use

Dilute the product in water at the recommended rate, mix thoroughly and using a knapsack spray to distribute the solution. Application must be done at a rate of 40 gr of insecticide solution per nest, partially at the nest entrance and partially on the walkways immediately around the nest. To optimize the treatment efficacy, do not apply in case of rain or wind.

#### 4.11.2 Use-specific risk mitigation measures

No RMM.

#### 4.11.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

#### 4.12 Use description

## Use 12 - Ant nest eradication

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	The product is applied outdoor for ant nest eradication.
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Lasius niger</i> Common name: Garden ant Development stage: Adults
<b>Field(s) of use</b>	Outdoor
<b>Application method(s)</b>	Method: Knapsack spray Detailed description: Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: 20 mg a.i./nest Dilution (%): 0.5 Number and timing of application: No limitations.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Cartridge (ready to dilute system) 2.5 mls HDPE Single Use Bottle 25 mls HDPE Single Use Bottle 50 mls HDPE Single Use Bottle 100 mls HDPE

### 4.12.1 Use-specific instructions for use

In the case of single use pack, pour the full content in a spray pump of proper size, already filled by water, mix thoroughly and distribute 40gr of insecticide solution on the nest.  
In the case of ready to dilute pack, strip the collar, screw down the ferrule, shake the container. The application has to be performed using the specific container, equipped with the appropriated trigger. Perform 35-40 spray per nest.  
Application must be done at recommended rate partially at the nest entrance and partially on the walkways immediately around the nest. To optimize the treatment efficacy, do not apply in case of rain or wind.

### 4.12.2 Use-specific risk mitigation measures

No RMM.

#### **4.12.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

Please, refer to section 2.1.5 General directions for use.

#### **4.12.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

Please, refer to section 2.1.5 General directions for use.

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

Please, refer to section 2.1.5 General directions for use.

### **5. General directions for use**

#### **5.1. Instructions for use**

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

#### **5.2. Risk mitigation measures**

Please, see use-specific risk mitigation measures detailed above.

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

well or seek for medical attention/Poison centre (show SDS or label) Do not release the product or its empty containers in the environment.

#### **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.  
Shelf-life: 2 years, in original container at room temperatures. Avoid extreme temperatures and exposure to direct sunlight.

## 6. Other information