

Summary of product characteristics for a biocidal product

Product name: Biopren mosquito larvicide tablet

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

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Authorisation number: it/2015/00804/bbp

R4BP 3 asset reference number: IT-0027345-0000

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Administrative information

1.1. Trade names of the product

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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Activa s.r.l.
	Address	via Feltre, 32 20132 Milano Italy
Authorisation number	it/2015/00804/bbp	
R4BP 3 asset reference number	IT-0027345-0000	
Date of the authorisation	20/01/2021	
Expiry date of the authorisation	20/01/2031	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Ferbi s.r.l.
Address of the manufacturer	Viale 1 Maggio c/da Ripoli 64023 Mosciano S.Angelo Italy
Location of manufacturing sites	Viale 1 Maggio c/da Ripoli 64023 Mosciano S.Angelo Italy
Name of the manufacturer	Babolna Bio Ltd
Address of the manufacturer	Szállás utca 6 1107 Budapest Hungary
Location of manufacturing sites	Köves J. u 1 2943 Babolna Hungary

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

Active substance	1386 - S-Methoprene
Name of the manufacturer	Babolna Bio Ltd
Address of the manufacturer	Szállás utca 6 1107 Budapest Hungary
Location of manufacturing sites	Szállás utca 6 1107 Budapest Hungary

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 (%)
S-Methoprene		Active Substance	65733-16-6		0,5
Denatonium benzoate		Non-active substance	3734-33-6	223-095-2	0,001

2.2. Type of formulation

TB - Tablet

3. Hazard and precautionary statements

Hazard statements

Precautionary statements

4. Authorised use(s)

4.1 Use description

Use 1 - amateur

Product type

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

Where relevant, an exact description of the authorised use

Effervescent tablets to water treatment to control larvae of mosquitoes.
The product affects the larvae of various mosquito species (*Aedes aegypti*, *Aedes albopictus*, *Culex pipiens*). Due to the delayed action of the active substance, most individuals are destroyed during the pupal stage. The product has no effect on adult mosquitoes. The tablet prevents mosquito larvae from developing into adults. When in contact with water, the active substance is released continuously at a slow rate, thus inhibiting the emergence of adult mosquitoes out of the treated water.

Target organism(s) (including development stage)

Scientific name: Culicidae:
Common name: Aedes mosquitoes
Development stage: Larvae

Scientific name: Culicidae:
Common name: Culex mosquitoes
Development stage: Larvae

Field(s) of use

Outdoor

The product may be used to treat smaller or larger water holding features which are not used as drinking water or for keeping (ornamental) fish, are not connected with surface water, and which may be suitable, temporarily or permanently, for the breeding of mosquito larvae.

Treatable water holding features:

- garden pond with water tight base,
- objects suitable to catch and hold rain-water (for example barrow).

Application method(s)

Method: Manual application

Detailed description:

Treat the water according to the dosage instructions.

The product may be used to treat smaller or larger water holding features which are not used as drinking water or for keeping (ornamental) fish, are not connected with surface water, and which may be suitable, temporarily or permanently, for the breeding of mosquito larvae .

The tablet starts releasing the active ingredient when in contact with water, therefore make sure the tablet is overrun by the water. To achieve the best effect, start treatment prior to mosquito breeding. Repeat treatment once every month during the whole breeding period (from April until October).

The water treated with the tablet can be used to water the soil and the yard, as well as to irrigate gardens or parks. Do not use for direct watering of plants grown for feeding (for example vegetables, spices).

Application rate(s) and frequencies

Application Rate: 1 pc of 0.5 gram tablet / 200-500 litres of water depending on the quality of the water, 1x2 g tablet/1000-2000 l of water
Dilution (%): 0
Number and timing of application:
It depends on the quality of water. To achieve the best effect, start treatment prior to mosquito breeding and repeat it once every month during the breeding season.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Blister - hard PVC and aluminium foil - 0.5 g tablet, 1*5 or 2*5 pcs / blister, net weight up to 1000 g
Sachet - Plastic: LDPE - 0.5 g tablet, tablet in plastic sachet and in carton box, net weight up to 1000 g
Sachet - Plastic: LDPE - 2 g tablet, tablet in plastic sachet and in carton box, net weight up to 1000 g
Blister - hard PVC and aluminium foil - 2 g tablet, 1*5 or 2*5 pcs / blister, net weight up to 1000 g
Bottle - PP or coex PE/PA plastic - 0.5 tablet, net weight up to 1000 g
Bottle - PP or coex PE/PA plastic - 2 g tablet, net weight up to 1000 g

4.1.1 Use-specific instructions for use

NA

4.1.2 Use-specific risk mitigation measures

NA

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

NA

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

NA

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

NA

4.2 Use description

Use 2 - PCO

Product type

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

Where relevant, an exact description of the authorised use

Effervescent tablets to water treatment to control larvae of mosquitoes. The product affects the larvae of various mosquito species (*Aedes aegypti*, *Aedes albopictus*, *Culex pipiens*). Due to the delayed action of the active substance, most individuals are destroyed during the pupal stage. The product has no effect on adult mosquitoes. The tablet prevents mosquito larvae from developing into adults. When in contact with water, the active substance is released continuously at a slow rate, thus inhibiting the emergence of adult mosquitoes out of the treated water.

Target organism(s) (including development stage)

Scientific name: Culicidae:
Common name: Aedes mosquitoes
Development stage: Larvae

Scientific name: Culicidae:
Common name: Culex mosquitoes
Development stage: Larvae

Field(s) of use

Outdoor

The product may be used to treat smaller or larger water holding features which are not used as drinking water or for keeping (ornamental) fish, are not connected with surface water, and which may be suitable, temporarily or permanently, for the breeding of mosquito larvae. Treatable water holding features:

- gully,
- garden pond,
- fountain,
- unused pool,
- area covered with excess inland water,
- flooded area,
- water ditch,
- in urban area: rain-water drainage system
- in rural area: rain water ditch
- any other natural or man-made depression suitable to catch and hold water.

Application method(s)

Method: Manual application

Detailed description:

Treat the water according to the dosage instructions.

The tablet starts releasing the active ingredient when in contact with water, therefore make sure the tablet is overrun by the water. To achieve the best effect, start treatment prior to mosquito breeding. Repeat treatment once every month during the whole breeding period (from April until October).

Do not apply the tablet to waters that are connected with live water resources (e.g. creek, river, lake, etc.).

The water treated with the **tablet** can be used to water the soil and the yard, as well as to irrigate gardens or parks. Do not use for direct watering of plants grown for feeding (for example vegetables, spices).

Application rate(s) and frequencies

Application Rate: Application doses depending on the quality of the water: 2 g tablet: clear water : 1x2 g tablet/1000-2000 l of water, water polluted with organic matters: 1x2 g tablet/500-1000 l of water, high load of organic matters (for example, in case of shafts): 1x2 g tablet/40 l of water 0.5g tablet: clear water : 4x0.5 g tablet/1000-2000 l of water, water polluted with organic matters: 4x0.5 g tablet/500-1000 l of water, high load of organic matters (for example, in case of shafts): 4x0.5 g tablet/40 l of water
Dilution (%): 0
Number and timing of application:
It depends on the quality of water. To achieve the best effect, start treatment prior to mosquito breeding and repeat it once every month during the breeding season.

Category(ies) of users

Professional
Trained professional
Industrial

Pack sizes and packaging material

Sachet - PP or HDPE - 0.5g or 2 g tablet, tablet in plastic sachet and in bucket, net weight up to 25 kg

4.2.1 Use-specific instructions for use

NA

4.2.2 Use-specific risk mitigation measures

When applying the product, the relevant local regulations must be observed.

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

NA

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

NA

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

NA

5. General directions for use

5.1. Instructions for use

Please find the information under the "Authorised uses " tab.

5.2. Risk mitigation measures

Do not use in water holding features which communicate with living waters.
Avoid the treatment of live, surface water.
Use exclusively for the control of mosquito larvae and in accordance with the directions for use.
Do not eat or smoke during work.

To avoid risks to humans and the environment, observe the directions for use and the labour safety/health regulations.

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

Avoid contact with the eyes.
If in eyes, rinse eyes with plenty of water for at least 15 minutes, then seek medical advice. Thoroughly wash hands in hot water and soap after work.

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

The expired insecticide, remains and packaging thereof may be thrown to the household garbage.

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

Store the tablet in its original packaging away from food, drink and fodder, in a dry and closed place and out of reach of the children and livestock. Avoid humidity.

If stored in original, unopened packaging in a dry and cool place away from sunlight, can be used for 2 years from manufacture.

6. Other information

