

Summary of product characteristics for a biocidal product

Product name: Fendona 6 SC

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)

Authorisation number:

R4BP 3 asset reference number: AT-0021486-0000

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Administrative information

1.1. Trade names of the product

Fendona
Pamova

1.2. Authorisation holder

Name and address of the authorisation holder	Name	BASF SE
	Address	Li556, Speyerer Straße 2 67117 Limburgerhof Germany
Authorisation number		
R4BP 3 asset reference number	AT-0021486-0000	
Date of the authorisation	05/02/2020	
Expiry date of the authorisation	05/02/2030	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	BASF Agro B.V. Arnhem (NL) – Zuerich Branch
Address of the manufacturer	Im Tiergarten 7 8055 Zuerich Switzerland
Location of manufacturing sites	BASF Agri-Production S.A.S. Rue Jacquard Z.I. Lyon Nord 69727 Genay Cedex France

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

Active substance	1238 - [1.alpha.(S*),3.alpha.]-(.alpha.)-cyano-(3-phenoxyphenyl)methyl3-(2,2-dichloroethenyl)-2,2-dichlorovinyl)-2,2-dimethyl-cyclopropanecarboxylate (alpha-Cypermethrin)
Name of the manufacturer	BASF Agro B.V. Arnhem (NL) – Zuerich Branch
Address of the manufacturer	Im Tiergarten 7 8055 Zuerich Switzerland
Location of manufacturing sites	Tagros Chemicals India Ltd., Sipcot Industrial Complex, Pachayankuppam 607 005 Cuddalore India
	Bayer Vapi Private Ltd. (formerly Bilag Industries Private Ltd.), Plot No. 306/3; II Phase, GIDC Vapi - 396195 Guajarat 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 (%)
[1.alpha.(S*),3.alpha.]-(.alpha.)-cyano-(3-phenoxyphenyl)methyl3-(2,2-dichloroethenyl)-2,2-dichlorovinyl)-2,2-dimethyl-cyclopropanecarboxylate (alpha-Cypermethrin)		Active Substance	67375-30-8		5,83

2.2. Type of formulation

SC - Suspension concentrate (= flowable concentrate)

3. Hazard and precautionary statements

Hazard statements	<p>Very toxic to aquatic life with long lasting effects.</p> <p>Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.</p>
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>Collect spillage.</p>

Dispose of contents to hazardous or special waste collection point..

4. Authorised use(s)

4.1 Use description

Use 1 - Urban pest control (Large/Industrial/Commercial Buildings and Domestic/Households/Private Areas)

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 a liquid concentrate used as a spray application to be used indoors. The product is intended for curative and control treatment. It is applied as a coarse spray to cracks, crevices and any place where insects may hide. The product contains 5.83% w/w (60 g/l) of the active substance alpha-cypermethrin. Allow the applied solution to dry before re-entry into the treated areas by either humans or animals.

Target organism(s) (including development stage)

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

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

Scientific name: *Periplaneta australasiae*
Common name: Australian cockroach
Development stage: all ages

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

Scientific name: *Lasius niger*
Common name: Garden ant
Development stage: mixed age

Scientific name: *Pheidole megacephala*
Common name: Coastal brown ant
Development stage: Adults

Scientific name: *Iridomyrmex glaber*
Common name: Black house ant
Development stage: Adults

Scientific name: *Musca domestica*
Common name: House fly
Development stage: Adults

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

Scientific name: *Cimex lectularius*
Common name: Bed bug
Development stage: Adults

Scientific name: *Ctenocephalides felis*
Common name: Cat flea
Development stage: Adults

Scientific name: *Plodia interpunctella*
Common name: Indian mealmoth

	Development stage: Adults
Field(s) of use	Indoor Indoors, in large buildings/ industrial/ commercial premises and in domestic/ households/ private areas
Application method(s)	Spraying - It should be applied using any conventional manual or power sprayer equipped to produce a coarse spray at low pressure. The appropriate volume of the product should be added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use. The product should be applied throughout the infested area as a coarse spray to cracks, crevices and any place where insects may hide.
Application rate(s) and frequencies	25 mL product is diluted in 5 L water (1:200; spray concentration: 0.03% w/v), then 1 L of diluted product is applied per 20 m ² surface area. - 0.5 - 3 – 11 applications per year
Category(ies) of users	Professional
Pack sizes and packaging material	Bottle - PE - 0.05 to 5 litre

4.1.1 Use-specific instructions for use

It is applied using any conventional manual or power sprayer equipped to produce a coarse spray at low pressure. 25 mL of the product should be added to 5 L of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use.
The product should be applied throughout the infested area as a coarse spray to cracks, crevices and any place where insects may hide.

Following application, insects that have contacted the deposit should show signs of knock down within 30 – 60 minutes with noticeable impact on population numbers expected within a few days.

Treated areas should be re-inspected after 2– 3 weeks. Where initial infestation was severe a second application may be required particularly if the first treatment has been disturbed or some harbourages/landing sites were missed in the initial application. Allow the applied solution to dry before re-entry into the treated areas by either humans or animals.

Residual Activity: The residual life of the deposit will vary depending upon the cleanliness and nature of the surface to which it is applied, and the extent to which the residue remains undisturbed. The product exhibits sustained residual activity, for up to 3 months, where residues remain undisturbed.

Dose rates:
Dilute 25 mL of product in 5 L water. Then apply 1 litre diluted product per 20 m² surface.

4.1.2 Use-specific risk mitigation measures

Use personal protective clothing.
No additional risk mitigation measures apply.

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

<p><u>First aid:</u> Remove contaminated clothing. In case of inhalation, keep patient calm, remove to fresh air. In case of skin contact, wash thoroughly with soap and water. In case of contact with eyes, wash affected eyes for at least 15 minutes under running water with eyelids held open. In case of ingestion, rinse mouth and then drink plenty of water.</p> <p><u>Medical advice:</u> Treat symptomatically, for further advice contact the national poison information centre.</p> <p><u>Other cautions:</u> Use personal protective clothing. Do not breathe vapour/spray. Avoid contact with the skin, eyes and clothing. If medical advice is needed, have product container or label at hand. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Avoid release to the environment. Collect spillage. Dispose of contents/container to hazardous or special waste collection point.</p>

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

<p>Dispose of contents/ container to hazardous or special waste collection point.</p>

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

<p>Ensure thorough ventilation of stores and work areas. Keep only in the original container. Keep container tightly closed. Keep in a safe place. Shelf-life: The formulation and packaging is stable at 23 °C for at least 3 years.</p>

4.2 Use description

Use 2 - Rural Hygiene (Animal Houses/Shelters)

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	<p>The product is a liquid concentrate used as a spray application to be used indoors. The product is intended for curative and control treatment. It is applied a coarse spray for surface treatment, especially to cracks, crevices and any place where insects may hide and on surfaces over which they may crawl or settle. The product contains 5.83% w/w (60 g/l) of the active substance alpha-cypermethrin.</p> <p>The applied solution should be allowed to dry before re-entry into the treated areas by either humans or animals.</p>
Target organism(s) (including development stage)	<p>Scientific name: <i>Lacius niger</i> Common name: Garden ant Development stage: mixed age</p> <p>Scientific name: <i>Pheidole megacephala</i> Common name: Coastal brown ant Development stage: Adults</p>

Scientific name: Iridomyrmex glaber
Common name: Black house ant
Development stage: Adults

Scientific name: Musca domestica
Common name: House fly
Development stage: Adults

Scientific name: Alphitobius diaperinus
Common name: Litter beetle
Development stage: Adults

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

Scientific name: Stomoxys calcitrans
Common name: Stable flies
Development stage: Adults

Scientific name: Hymenoptera: Vespinae:
Common name: Common wasp
Development stage: Adults

Field(s) of use

Indoor

Indoors, in animal houses/ shelters including dairy cattle, piggeries, stables, poultry houses and similar places where high levels of hygiene are required.

Application method(s)

Spraying -

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

Application rate(s) and frequencies

Normal rate: 25 mL product is diluted in 5 L water (1:200; spray concentration: 0.03% w/v), then 1 L of diluted product should be applied per 20 m². Special rate: 50 mL product is diluted in 5 L water (1:100; spray concentration: 0.06% w/v), then apply 1 L diluted product per 20 m² - 0.5 - no restriction

Category(ies) of users

Professional

General public (non-professional)

Pack sizes and packaging material

Bottle - PE - 0.05 to 5 L

4.2.1 Use-specific instructions for use

The product should be applied using any conventional manual or power sprayer equipped to produce a coarse spray at low pressure. The appropriate volume of the product should be added to the required volume of clean water and agitated. If a delay occurs between treatments, re-agitation is needed before re-use.
The product should be applied throughout the infested area as a coarse spray for surface treatment, especially to cracks, crevices

and any place where insects may hide and on surfaces over which they may crawl or settle.
Litter beetles (lesser mealworm): Apply as a routine treatment after clean-out and before each new crop. Spray all vertical surfaces, e. g. walls, dividers and posts, and ensure an overlap on to ceilings. It is not necessary to treat the floor.
Following application, insects that have contacted the deposit should show signs of knockdown within 30 – 60 minutes with noticeable impact on population numbers expected within a few days.
The applied solution should be allowed to dry before re-entry into the treated areas by either humans or animals.
Residual Activity: The residual life of the deposit will vary depending upon the cleanliness and nature of the surface to which it is applied, and the extent to which the residue remains undisturbed. The product exhibits sustained residual activity, for up to 3 months, where residues remain undisturbed.
Treated areas should be re-inspected after 2– 3 weeks. Where initial infestation was severe a second application may be required particularly if the first treatment has been disturbed or some harbourages/landing sites were missed in the initial application.
Dose rates:
Dilute the use specific volume (25 mL and 50 mL for normal and special rate respectively) of product in 5 L water. Then apply 1 litre diluted product per 20m² surface.

4.2.2 Use-specific risk mitigation measures

Use personal protective clothing.
No additional risk mitigation measures apply.

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

First aid:
Remove contaminated clothing.
In case of inhalation, keep patient calm, remove to fresh air.
In case of skin contact, wash thoroughly with soap and water.
In case of contact with eyes, wash affected eyes for at least 15 minutes under running water with eyelids held open.
In case of ingestion, rinse mouth and then drink plenty of water.
Medical advice:
Treat symptomatically, for further advice contact the national poison information centre.
Other cautions:
Use personal protective clothing.
Do not breathe vapour/spray.
Avoid contact with the skin, eyes and clothing.
If medical advice is needed, have product container or label at hand.
Keep out of the reach of children.
Keep away from food, drink and animal feeding stuffs.
When using do not eat, drink or smoke.
Avoid release to the environment.
Collect spillage.
Dispose of contents/container to hazardous or special waste collection point.

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

Dispose of contents/ container to hazardous or special waste collection point.

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

Ensure thorough ventilation of stores and work areas.
Keep only in the original container.
Keep container tightly closed.
Keep in a safe place.

5. General directions for use

5.1. Instructions for use

please refer to 4.1.1 and 4.2.1

5.2. Risk mitigation measures

please refer to 4.1.2 and 4.2.2

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

please refer to 4.1.3 and 4.2.3

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

please refer to 4.1.4 and 4.2.4

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

please refer to 4.1.5 and 4.2.5

6. Other information

Contains alpha-cypermethrin; may cause paraesthesia.