

Summary of product characteristics for a biocidal product

Product name: K-Othrine AL

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

Authorisation number: 2017-11-30-B01

R4BP 3 asset reference number: MT-0011059-0000

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Administrative information

1.1. Trade names of the product

K-Othrine AL
Forminix AL

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Bayer CropScience S.r.l.
	Address	Viale Certosa 130 20156 Milano Italy
Authorisation number	2017-11-30-B01	
R4BP 3 asset reference number	MT-0011059-0000	
Date of the authorisation	04/12/2017	
Expiry date of the authorisation	07/09/2027	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Bayer S.A.S., Division Crop Science, Business Unit Environmental Science
Address of the manufacturer	16 rue Jean-Marie Leclair CS 90106 69266 Lyon Cedex 09 France
Location of manufacturing sites	Bayer CropScience S.r.l, Divisione Agraria Produzione, Stabilimento di Filago, Via delle Industrie 9 I - 24040 Filago (Bergamo) Italy
	SBM Formulation, ZI Avenue Jean Foucault CS621 34535 Béziers France
	Bayer S.A.S., Division Crop Science, 1 avenue Edouard Herriot - Limas - BP 422 69656 Villefranche-sur-Saône France
	Bayer AG, Industriepark Höchst (Gebäude K 607) 65926 Frankfurt Germany
	Bayer SAS - Division Crop Science, Site de Marle, Rue Cyrille Liebert crossing Rue Antoine Laurent de Lavoisier Zone Industrielle BP2 02250 Marle-sur-Serre France
	Phyteurop S.A., ZI de la Grande Champagne 49260 Montreuil-Bellay France
	IRIS, 1126A AV DU MOULINAS - Route de St Privat 30340 Salindres France
	Denka International B.V., Hanzeweg 1 3771 NG Barneveld Netherlands

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

Active substance	24 - deltamethrin
Name of the manufacturer	Bayer AG
Address of the manufacturer	Alfred-Nobel-Str. 50 40789 Monheim am Rhein Germany
Location of manufacturing sites	Bayer Vapi Pvt. Ltd, Plot No. 306/3, II phase 396195 GIDC, Vapi 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 (%)
deltamethrin	(S)-a-cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropane carboxylate	Active Substance	52918-63-5	258-256-6	0,015

2.2. Type of formulation

EW - Emulsion, oil in water

3. Hazard and precautionary statements

Hazard statements

Very toxic to aquatic life with long lasting effects.

Precautionary statements

Dispose of contents to local regulations..
 Dispose of container to local regulations..
 Collect spillage.
 Keep out of reach of children.

4. Authorised use(s)

4.1 Use description

Use 1 - For direct and fast (within 1 hour) killing, and control, of crawling insects and woodlice – General public – in small confined protected spaces in and around buildings

Product type

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

Where relevant, an exact description of the authorised use

Insecticide

Target organism(s) (including development stage)

Scientific name: Insecta:
 Common name: Insects
 Development stage: Adults and juveniles

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

Scientific name: Blattodea:
Common name: Cockroaches
Development stage: Adults and juveniles

Scientific name: Lepismatidae:
Common name: Silverfishes
Development stage: Adults and juveniles

Scientific name: Porcellionidae:
Common name: Woodlice
Development stage: Adults and juveniles

Field(s) of use

Indoor
Outdoor
Indoors in small confined spaces where insects hide and walk (crack and crevices or spot treatment behind boards, under fridges, around window frames etc.). Outdoors in small confined protected areas (e.g. underneath flowerpots, floor boards, garden appliances etc.).

Application method(s)

Spraying -
Ready to use product.
Use the RTU trigger bottle. Shake well before use.

Application rate(s) and frequencies

Maximum 5 ml of product per 32 x 32 cm (5 pump strokes). - -
Do not apply onto a total area larger than 2m² indoors, and 2 m² outdoors, each month up to a maximum of 11 months per year. (Treatment of 2m² corresponds to 100 evenly distributed pump strokes).
Kill effect will occur within one hour.
Residual effect for Control will last up to 6 weeks. The residual effect will however depend on the nature of the treated surface.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Trigger bottle, Plastic: PET , 0.5 to 1 liter.
Trigger bottle, Plastic: HDPE , 0.5 to 1 liter.
Trigger bottle, Plastic: COEX/E-VAL , 0.5 to 1 liter.

4.1.1 Use-specific instructions for use

For direct and fast kill, use one trigger action from a distance of 30 cm. Only apply product in small confined spaces in and around houses.
For control of crawling insects and woodlice, only apply product in small confined spaces in and around houses where insects hide and walk (crack and crevices, behind boards, under fridges, around window frames etc.). Do not clean the treated surface until the recommended treatment is finalised. For some insects removal of food sources can help prevent re-infestation.
Around houses treated area must be protected from rain.

4.1.2 Use-specific risk mitigation measures

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

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

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

5. General directions for use

5.1. Instructions for use

If the product is not used according to the label resistance of the insects might occur (i.e. the product becomes less effective). Therefore, if the infestation persists after the recommended treatment, contact a professional.

5.2. Risk mitigation measures

The product should be applied so that children, pets, food or feedstuffs do not come in contact with the product.

Do not apply the product below or close to edible plants or in growing area for edible plants.

Exclude animals and children during application and prevent access to treated areas until dry.

Wash hands and exposed skin after use.

Do not enter treated area until dry.

The product shall only be applied outdoors in locations protected from rain.

Do not use where the biocidal product can be discharged to municipal sewage treatment plant.

Do not apply near ponds or other waterbodies.

Keep out of reach of children and pets.

The service of a professional pest control operator is required to control large, widespread insect infestations and/or hazardous insects.

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

Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max. 24 hours).

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

First aid:

In case of accident or if you feel unwell seek medical advice immediately (show label where possible).

General: Remove contaminated clothing immediately and dispose of safely.

Inhalation: Move the patient to fresh air and keep at rest. Call a physician or poison control centre immediately.

Ingestion: Call a physician or poison control centre immediately. Rinse mouth. Do NOT induce vomiting.

Skin contact: Wash off thoroughly with plenty of soap and water for approximately 15 minutes. Call a physician if irritation develops and persists.

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

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

Dispose of contents/container in accordance with local regulation.

Do not discharge the biocidal Product nor the diluted solution of the biocidal Product into the sewage system.

The following phrase should be mentioned only in the SDS:

Residues of the biocidal product must be disposed of in accordance with the Waste Framework Directive (2008/98/EG) and the European Waste Catalogue (EWC) as well as national and regional regulations.

Leave biocidal products in original containers. Do not mix with other wastes. Containers containing residues of the product have to be handled accordingly.

Waste entry on pesticides: 20 01 19

Waste entry on packaging containing residues of or contaminated by dangerous substances: 15 01 10

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

Shelf life of 2 years.

Keep away from direct sunlight.

Keep in the original container.

Protect from freezing.

Keep away from food, drink and animal feedingstuffs.

Keep out of reach of children.

6. Other information

Label claims regarding target organisms must read as specified in the SPC.