

**EN**

***ANNEX***

**SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT**

**BIO KILL**

**Product type(s)**

PT18: Insecticides, acaricides and products to control other arthropods

**Authorisation number:** 3130-1

**R4BP asset number:** BG-0026467-0000

---

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Trade name(s) of the product

Trade name(s)	BIO KILL
---------------	----------

### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Jesmond Holding AG
	Address	Baarerstrasse 8 6301 Zug Switzerland
Authorisation number		3130-1
<i>R4BP asset number</i>		BG-0026467-0000
Date of the authorisation		27/04/2021
Expiry date of the authorisation		21/10/2030

### 1.3. Manufacturer(s) of the product

Name of manufacturer	Agrobiotrading LTD
Address of manufacturer	Tzariza Ioana str. No 4 4400 Pazarjik Bulgaria
Location of manufacturing sites	Tzariza Ioana str. No 4 4400 Pazarjik Bulgaria

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

Active substance	Permethrin
Name of manufacturer	Tagros Chemicals India Ltd.
Address of manufacturer	Jhaver Centre, Rajah Annamalai Building, IV Floor, 72, Marshalls Road 600 008 Egmore, Chennai India
Location of manufacturing sites	A-4/1&2, Sipcot Industrial Complex, Pachayankuppam, Cuddalore 607 005 Tamilnadu India

---

## 2. PRODUCT COMPOSITION AND FORMULATION

### 2.1. Qualitative and quantitative information on the composition of the product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	0,25

### 2.2. Type(s) of formulation

EW Emulsion, oil in water

---

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H410: Very toxic to aquatic life with long lasting effects.  EUH208: Contains permethrin. May produce an allergic reaction.
Precautionary statements	P102: Keep out of reach of children.  P273: Avoid release to the environment.  P501: Dispose of container to in accordance to national regulations.  P391: Collect spillage.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Ready to Use Insecticide**

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	<p>BIO-KILL® is a Permethrin based ready-to-use insecticide that protects against a large number of flying and crawling insect pests including flies, mosquitoes, cockroaches, ants as well as spiders and dust mites. BIO-KILL® has long lasting effect; at least four weeks of activity on the main targets.</p> <p>Its formulation ensures the product is odor neutral and the homogeneous emulsion allows a proper distribution of the active ingredient, Permethrin, which acts on the insects' nervous system through direct contact and by swallowing on every life stage of the pest (adults and larvae). The product profile makes Bio-Kill® suitable for every need of protection from insects in both private and public buildings.</p>
Target organism(s) (including development stage)	<p>Scientific name: Acaridae: Acaridae: Common name: house mites Development stage: adults</p> <p>Scientific name: Acaridae: Acaridae: Common name: cloth moth Development stage: adults</p> <p>Scientific name: Acaridae: Acaridae: Common name: house mites Development stage: larvae</p> <p>Scientific name: Acaridae: Acaridae: Common name: cloth moth Development stage: larvae</p> <p>Scientific name: Diptera: Diptera: Common name: house fly Development stage: adults</p> <p>Scientific name: Diptera: Diptera: Common name: house fly Development stage: larvae</p> <p>Scientific name: Culicidae: Culicidae: Common name: house mosquito Development stage: adults</p> <p>Scientific name: Culicidae: Culicidae: Common name: Aedes mosquitoes Development stage: adults</p> <p>Scientific name: Culicidae: Culicidae: Common name: Anopheles mosquitoes Development stage: adults</p>

	<p>Scientific name: Blattidae: Blattidae: Common name: American Cockroach Development stage: adults</p> <p>Scientific name: Blattidae: Blattidae: Common name: American Cockroach Development stage: larvae</p> <p>Scientific name: Blattodea: Blattodea: Common name: German cockroach Development stage: adults</p> <p>Scientific name: Blattodea: Blattodea: Common name: German cockroach Development stage: larvae</p> <p>Scientific name: Formicinae: Formicinae: Common name: ants Development stage: adults</p> <p>Scientific name: Formicinae: Formicinae: Common name: ants Development stage: larvae</p> <p>Scientific name: Lepismatidae: Lepismatidae: Common name: silverfishes Development stage: adults</p> <p>Scientific name: Lepismatidae: Lepismatidae: Common name: Lepismatid silverfishes Development stage: larvae</p> <p>Scientific name: Cimicidae: Cimicidae: Common name: bed bug Development stage: adults</p> <p>Scientific name: Cimicidae: Cimicidae: Common name: bed bug Development stage: larvae</p> <p>Scientific name: Dermaptera: Dermaptera: Common name: forficulid earwigs Development stage: adults</p> <p>Scientific name: Dermaptera: Dermaptera: Common name: forficulid earwigs Development stage: larvae</p> <p>Scientific name: Tegenaria domestica Common name: spiders Development stage: adults</p> <p>Scientific name: Diptera: Diptera: Common name: house fly Development stage: eggs</p>
Field(s) of use	<p>indoor use outdoor use</p> <p>Domestic premises: Private housing (ex. bedrooms, living rooms, bathrooms, cellars, wardrobes, on carpets, etc.) Public Buildings:</p>

	hospitals, hotels, restaurants, public baths, municipal buildings, churches, halls, community centers, cinemas, schools, shops, food retailers, warehouses, industrial sites etc. Public transports: On board ship and trains, trams, underground Camping sites and rural buildings
Application method(s)	Method: manual application  Detailed description: Apply BIO-KILL® directly from the original packaging by spraying keeping a 30 cm distance by spot application every 50 centimeters in the rooms infested, on the backside corners of carpets, sofa or under mattresses to control mites and bed bugs. To control spiders apply BIO-KILL® directly from the original packaging by spraying keeping a 30 cm distance in humid nooks and crannies where pests are usual to rest.
Application rate(s) and frequency	Application rate: 35 ml/m <sup>2</sup>  Dilution (%): 100  Number and timing of application: maximum 9 applications per year. Apply at infestation
Category(ies) of users	trained professional ; professional ; general public (non-professional)
Pack sizes and packaging material	Plastic: PET, Bottle, 200 ml to 5 litres  Plastic: PET, Can /Tin, 200 mL to 5 Litres

#### **4.1.1. Use-specific instructions**

Apply BIO-KILL® directly from the original packaging by spraying keeping a 30 cm distance by spot application every 50 centimeters in the rooms infested, on the backside corners of carpets, sofa or undermattresses to control mites and bed bugs.

To control spiders, apply BIO-KILL® directly from the original packaging by spraying keeping a 30 cm distance in humid nooks and crannies where pests are usual to rest.

BIO-KILL® can be used along the perimeter around the buildings where insects live, to create a barrier and to prevent insects to enter into the buildings

#### **4.1.2. Use-specific risk mitigation measures**

#### **4.1.3. Use-specific risk mitigation measures**

Do not remove nor clean immediately the treated areas until dry so as not to lose the long lasting activity of BIO-KILL®. Do not mop the treated areas but clean by vacuum cleaner or remove with dry or wet disposable tissues and discard in a waste

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

Do not use near food, feed or drinking products. Do not treat whole surfaces. Avoid inhaling the insecticide spray during application. Do not apply in presence of cats. When applied in frequently used areas or in

---

bedrooms, ventilate the area and wait the product is dried up before re-use. Professional users must wear personal protective equipment (gloves and coverall) during application.

in case of accidental contamination please **Consult a Poison Centre**

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

Store at room temperature and keep the product away from reach of children and pets

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

shelf life- 2 years at room temperature in the original container



---

## 5. GENERAL DIRECTIONS FOR USE<sup>1</sup>

### 5.1. Instructions for use

BIO-KILL® is a Permethrin based ready-to-use insecticide that protects against a large number of flying and crawling insect pests including flies, mosquitoes, cockroaches, ants as well as spiders and dust mites. BIO-KILL® has long lasting effect; at least four weeks of activity on the main targets.

Its formulation ensures the product is odor neutral and the homogeneous emulsion allows a proper distribution of the active ingredient, Permethrin, which acts on the insects' nervous system through direct contact and by swallowing on every life stage of the pest (adults and larvae). The product profile makes Bio-Kill® suitable for every need of protection from insects in both private and public buildings.

**Domestic premises:** Private housing (ex. bedrooms, living rooms, bathrooms, cellars, wardrobes, on carpets, etc.)

**Public Buildings:** hospitals, hotels, restaurants, public baths, municipal buildings, churches, halls, community centers, cinemas, schools, shops, food retailers, warehouses, industrial sites etc.

**Public transports:** On boardship and trains, trams, underground

**Camping sites and rural buildings**

### 5.2. Risk mitigation measures

Do not remove nor clean immediately the treated areas until dry so as not to lose the long lasting activity of BIO-KILL®. Do not mop the treated areas but clean by vacuum cleaner or remove with dry or wet disposable tissues and discard in a waste

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

Do not use near food, feed or drinking products. Do not treat whole surfaces. Avoid inhaling the insecticide spray during application. Do not apply in presence of cats. When applied in frequently used areas or in bedrooms, ventilate the area and wait the product is dried up before re-use. Professional users must wear personal protective equipment (gloves and coverall) during application.

in case of accidental contamination please **Consult a Poison Centre**

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

Dispose according to local rules

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

shelf life 2 years at room temperature in the original container

---

<sup>1</sup>Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

---

## **6. OTHER INFORMATION**