

# Summary of product characteristics for a biocidal product

**Product name:** MITE-KILLER

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

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**Authorisation number:** FR-2019-0002

**R4BP 3 asset reference number:** FR-0013670-0000

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## Administrative information

### 1.1. Trade names of the product

MITE-KILLER
FOR BUG PLUS
FOR MITE PLUS
VEXINE
ITEC SPECIAL MITE

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Denka REGISTRATIONS bv
	Address	Gildeweg 37a 3771NB Barneveld Netherlands
<b>Authorisation number</b>		FR-2019-0002
<b>R4BP 3 asset reference number</b>		FR-0013670-0000
<b>Date of the authorisation</b>		01/02/2019
<b>Expiry date of the authorisation</b>		31/01/2029

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

<b>Name of the manufacturer</b>	Denka International B.V.
<b>Address of the manufacturer</b>	Gildeweg 37 A 3771 NB Barneveld Netherlands
<b>Location of manufacturing sites</b>	Hanzeweg 1 3771 NG Barneveld Netherlands

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

<b>Active substance</b>	1378 - Synthetic amorphous silicon dioxide (nano)
<b>Name of the manufacturer</b>	Rentokil Initial plc
<b>Address of the manufacturer</b>	Foundry Court RG13 5PY Horsham United Kingdom
<b>Location of manufacturing sites</b>	4 Liverpool Road WA5 1AB Warrington United Kingdom

## 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 (%)
Synthetic amorphous silicon dioxide (nano)		Active Substance	112926-00-8	231-545-4	1,67
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Non-active substance		927-510-4	58,33

### 2.2. Type of formulation

AE: aerosol
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	Extremely flammable aerosol. Pressurised container: May burst if heated Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	If medical advice is needed, have product container or label at hand. Keep out of reach of children.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid breathing .

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Call a a POISON CENTER/ doctor/.../ if you feel unwell.

Specific treatment (see on this label).

IF ON SKIN:Wash with plenty of water/....

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

If skin irritation occurs:Get medical .

Take off contaminated clothing.And wash it before reuse.

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Avoid release to the environment.

Collect spillage.

Dispose of to .

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Bedbugs

**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: Cimex lectularius  
Common name: Bedbug  
Development stage: Adults

Scientific name: Cimex lectularius  
Common name: Bedbug  
Development stage: Nymphs

Scientific name: Cimex lectularius  
Common name: Bedbug  
Development stage: Eggs

<b>Field(s) of use</b>	Indoor  Indoor use. The product Mite-Killer is a ready-to-use aerosol to be sprayed into cracks and crevices and on surfaces against bedbugs.
<b>Application method(s)</b>	Method: Spraying Detailed description: Treatment of porous and non-porous surfaces by spraying. Treatment in crack and crevices by spraying.
<b>Application rate(s) and frequencies</b>	Application Rate: 40 g/m <sup>2</sup> (9 m <sup>2</sup> per can) correspond to 19 seconds of spray/m <sup>2</sup> without the blow-pipe and 40 seconds of spray/m <sup>2</sup> with the blow pipe Dilution (%): 0 Number and timing of application: 40 g/m <sup>2</sup> (9 m <sup>2</sup> per can) correspond to 19 seconds of spray/m <sup>2</sup> without the blow-pipe and 40 seconds of spray/m <sup>2</sup> with the blow pipe. Minimum number of applications 3 spaced 1 to 4 weeks for curative applications. Repeat if new infestation is monitored or in case of cleaning without exceeding 11 applications per year.
<b>Category(ies) of users</b>	Professional  General public (non-professional)
<b>Pack sizes and packaging material</b>	Multi-shot aerosol tin can of 500 mL with an epoxy phenol lacquer. Removable blow-pipe can be inserted in the spray nozzle.

#### 4.1.1 Use-specific instructions for use

<p>Spray in all the cracks and crevices where the bedbugs can hide. Create barriers by spraying the bed frames, baseboards (or a 20 cm strip at the bottom of the walls). Clean carefully the rooms before treatment. Do not apply on the mattresses.</p>
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#### 4.1.2 Use-specific risk mitigation measures

<p>Avoid any direct or indirect contact with food and feed. For professional user, wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).</p>
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**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**

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

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

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**4.2 Use description**

**Use 2 - Poultry red mites**

**Product type**

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

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

Acaricide.

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

Scientific name: Dermanyssus gallinae  
Common name: Poultry red mite  
Development stage: Adults

Scientific name: Dermanyssus gallinae  
Common name: Poultry red mite  
Development stage: Nymphs

Scientific name: Dermanyssus gallinae  
Common name: Poultry red mite  
Development stage: Eggs

**Field(s) of use**

Indoor

Indoor use.  
The product Mite-Killer is a ready-to-use aerosol to be sprayed on surfaces against poultry red mites.

**Application method(s)**

Method: Spraying  
Detailed description:  
Spraying Surface.

**Application rate(s) and frequencies**

Application Rate: 40 g/m<sup>2</sup> ( 9 m<sup>2</sup> per can) correspond to 19 seconds of spray/m<sup>2</sup>  
Dilution (%): 0  
Number and timing of application:  
40 g/m<sup>2</sup> ( 9 m<sup>2</sup> per can) correspond to 19 seconds of spray/m<sup>2</sup>.

	<p>Minimum 1 application with a residual effect up to 7 weeks.</p> <p>Maximum 5 applications per year.</p>
<b>Category(ies) of users</b>	<p>General public (non-professional)</p>
<b>Pack sizes and packaging material</b>	<p>Multi-shot aerosol tin can of 500 mL with an epoxy phenol lacquer.</p>

#### 4.2.1 Use-specific instructions for use

Spray on the roosts, nesting boxes, under the trays...and in all the corners, cracks and crevices where the mites can hide.  
Residual effect until 7 weeks.  
Clean carefully the aviaries, dovecotes or poultry houses.

#### 4.2.2 Use-specific risk mitigation measures

Take away birds/poultry before treatment.  
Remove all feed and drinking water prior to treatment.  
Cover all surfaces and facilities likely to be in contact with feed and drinking water.

#### 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

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

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

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## 5. General directions for use

### 5.1. Instructions for use

Always read the label or leaflet before use and respect follow all the instructions provided.  
Shake the product before the use.  
While spraying, hold the aerosol at 30 cm distance from the surfaces.  
Repeat in case of new infestation or after cleaning without exceeding the maximum number of treatment authorized per year.

### 5.2. Risk mitigation measures

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Always wash the hands after handling.  
Do not eat, drink or smoke where the product is used.  
Do not spray directly on people and animals.  
Spray in a well ventilated area.  
Do not use as a space spray.

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

Impaired consciousness: do not give fluids or induce vomiting; place in recovery position and seek medical advice immediately.  
Inhalation: Remove victim to fresh air and keep at rest in a half-sitting position. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.  
Mouth contact/Ingestion: Wash out mouth with water. Seek medical advice immediately if symptoms occur and/or in case of mouth contact with large quantities.  
Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with water. Get medical attention if symptoms occur.  
Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.  
- Keep the container or label available.

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

Dispose of this material and its container at hazardous or special waste collection point in accordance with local/national regulations.  
The disposal of this packaging in the environment will be banned.  
Do not empty into drains and streams.

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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources  
No smoking.  
Shelf-life: 24 months.  
Do not store at a temperature above 40°C.  
Keep out of reach of children and pets.

## 6. Other information

Inform the registration holder if the treatment is ineffective.

- The label professional and non professional will be printed separately to avoid potential mis-leading.