

# Summary of product characteristics for a biocidal product

**Product name:** Clothianidin RB 1

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

**Authorisation number:** 5557

**R4BP 3 asset reference number:** SE-0021339-0000

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## Administrative information

### 1.1. Trade names of the product

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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Bayer AB
	Address	c/o Bayer A/S Arne Jacobsens Allé 13 2300 Köpenhamn S Sweden
<b>Authorisation number</b>	5557	
<b>R4BP 3 asset reference number</b>	SE-0021339-0000	
<b>Date of the authorisation</b>	16/08/2019	
<b>Expiry date of the authorisation</b>	15/07/2024	

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

<b>Name of the manufacturer</b>	Bayer S.A.S.
<b>Address of the manufacturer</b>	16 rue Jean-Marie Leclair 69266 Lyon Cedex 09 France
<b>Location of manufacturing sites</b>	Bayer CropScience France SAS - Site Marle, Z.I. Antoine Laurent de Lavoisier F-02250 Marle-sur-Serre France

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

<b>Active substance</b>	15 - (E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3- methyl-2-nitroguanidine (Clothianidin)
<b>Name of the manufacturer</b>	Bayer CropScience AG
<b>Address of the manufacturer</b>	Alfred-Nobel-Str. 50 40789 Monheim am Rhein Germany
<b>Location of manufacturing sites</b>	Bayer CropScience AG Alte Heerstrasse 41538 Dormagen Germany

## 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 (%)
(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine (Clothianidin)		Active Substance	210880-92-5	433-460-1	1

### 2.2. Type of formulation

RB - Bait (ready for use)
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>Very toxic to aquatic life with long lasting effects.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p> <p>Contains 1,2-Benzisothiazolin-3-one, 5-chloro-2-methyl-isothiazol-3-one/2-methyl-isothiazol-3-one. May produce an allergic reaction.</p>
<b>Precautionary statements</b>	<p>Dispose of contents to in accordance with local regulations.</p>

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Ready to use insecticidal gel bait for the rapid control of cockroach nymphs and adults

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	A ready to use insecticidal gel bait for the rapid control of cockroach nymphs and adults. For use indoors as an insecticidal bait in public or residential buildings, food handling premises, animal housing (excluding animal pens and cages).
<b>Target organism(s) (including development stage)</b>	Scientific name: Blattidae: Common name: American Cockroach Development stage: nymphs and adults  Scientific name: Blattidae: Common name: Oriental Cockroach Development stage: nymphs and adults  Scientific name: Blattodea: Common name: German cockroach Development stage: nymphs and adults  Scientific name: Lepismatidae: Common name: Silverfishes Development stage: mixed aged population
<b>Field(s) of use</b>	Indoor  <ul style="list-style-type: none"><li>• Domestic premises</li><li>• Food Handling premises</li><li>• Public buildings</li><li>• Small Scale Animal Housing (excluding animal pens and cages)</li></ul>
<b>Application method(s)</b>	Bait application - The biocidal product is dispensed using a suitable gel applicator or a syringe.
<b>Application rate(s) and frequencies</b>	0.1 - 0.3 g /m <sup>2</sup> - 0 - The application rate is adjusted to the density of the infestation (maintenance program, low/ high infestation) and the type of cockroach found.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	cartridge and syringe - Plastic: PE - 10 - 30 g

#### 4.1.1 Use-specific instructions for use

please refer to 5.1

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

please refer to 5.2

#### **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**

please refer to 5.3

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

please refer to 5.4

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

please refer to 5.5

### **5. General directions for use**

#### **5.1. Instructions for use**

The biocidal product (b.p.) is dispensed using a suitable gel applicator. When the treatment has been completed remove the empty cartridge and dispose of safely. If the cartridge is only partially used, remove it from the applicator, seal it with the end cap provided and store as directed. For maximum effectiveness the b.p. must be placed in and around cockroach harbourages and, if possible, between these areas and food sources. Survey the area to be treated to identify sites of cockroach infestation e.g. by using traps and/or flush-out aerosols, searching for droppings, cast skins and egg cases etc. The b.p. can be placed in the vicinity of: corners, cracks and crevices, voids, service-ducts, lift shafts, equipment and furniture e.g. counters, refrigerators, cookers, sinks, baths etc. The b.p. is particularly valuable in sensitive areas where the use of conventional insecticide formulations is restricted e.g. in the vicinity of electric and electronic equipment etc. Where immigration of cockroaches has been identified, placement of additional bait in peripheral areas of the site will aid control. Apply the b.p. directly as spots or thin ribbons to surfaces in identified target areas. It should be placed out of sight and where light intensity is low. Place the bait spots in places inaccessible for children or pets. Avoid application to excessively dusty, damp or greasy locations, and surfaces subject to wet cleaning. Do not apply to areas that have recently been treated with other insecticides or contaminate the bait with other insecticides. An effect on the cockroach population can be expected very quickly with dead cockroaches evident within 24 hours of treatment. Maximum levels of control are achieved between six days and several months after treatment depending upon the level of infestation and as long as the gel is present. Where infestations are high, inspect the applied spots of the b.p. regularly and make further applications as required. For use against silverfish: Place many small drops in areas where silverfish hide and live. These areas may be under/behind base/skirting boards, under wooden facing or other areas that provide cover.  
READ ALL PRECAUTIONS BEFORE USE

#### Application rates:

Maintenance programs (quarterly application) for small cockroach species (one spot x 0.05 g / 5 mm diameter): 0.05 g/m<sup>2</sup>

Moderate infestations (cockroaches rarely visible during the day, or retreatments) for small cockroach species (one spot x 0.1 g / 7mm diameter): 0.1 g/m<sup>2</sup>

High infestation (cockroaches commonly visible during the day) of small cockroach species (two spots x 0.1 g / 7 mm diameter): 0.2 g/m<sup>2</sup>

Moderate infestations (cockroaches rarely visible during the day, or retreatments) of large cockroach species (two spots x 0.1 g / 7 mm diameter): 0.2 g/m<sup>2</sup>

High infestations (cockroaches commonly visible during the day) of large cockroach species (three spots x 0.1 g / 7 mm diameter): 0.3 g/m<sup>2</sup>

Note: A thin ribbon equating to one spot can alternatively be applied.

For silverfish: Placement of many small spots of 2mm diameter each, totaling to between 0.1 and 0.2 g/m<sup>2</sup>.

## 5.2. Risk mitigation measures

- Avoid application to excessively dusty, damp or greasy locations, and surfaces subject to wet cleaning.
- Keep out of the reach of children.
- Wear suitable gloves.
- Avoid contact with skin.
- Wash hands and exposed skin before meals and after use.
- Do not apply to surfaces on which food or feed is stored, prepared or eaten.
- Use only in positions inaccessible to children and animals.
- Do not attempt to open or refill cartridges.

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

#### General advice:

The nature of this product, when contained in commercial packs, makes spillage unlikely. However, if significant amounts are spilled nevertheless, the following advice is applicable. Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

**Skin contact:** Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. 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.
- Unwanted gel can be removed when freshly applied by sponging with a 5% sodium chloride solution. Sponges/tissues used should be disposed of as solid waste.

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

Conditions of storage: Do not allow to freeze. Keep in a safe place.

Shelf life at ambient temperature: 2 years

## 6. Other information

P501: Dispose of contents/container in accordance with local regulation.

Information: Some sensitive materials e.g. textiles may be stained by the product. If in doubt, apply to a small, inconspicuous area first.