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*ANNEX*

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

MAXFORCE PLATIN

**Product type(s)**

PT18: Insecticides, acaricides and products to control other arthropods

**Authorisation number:** ES/MR(NA)-2019-18-00658

**R4BP asset number:** ES-0020426-0000

## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	MAXFORCE PLATIN Habitro gel cucarachas Emova gel cucarachas Vusani gel cucarachas Coveze gel cucarachas Habitro cockroach gel Emova cockroach gel Vusani cockroach gel Coveze cockroach gel.
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Bayer CropScience S.L.
	Address	Avda.Baix Llobregat, 3-5 Sant Joan Despí 08970 Barcelona Spain
Authorisation number	ES/MR(NA)-2019-18-00658	
<i>R4BP asset number</i>	ES-0020426-0000	
Date of the authorisation	23/07/2019	
Expiry date of the authorisation	15/10/2024	

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

Name of manufacturer	Bayer S.A.S. - Division Crop Science
Address of manufacturer	16 rue Jean-Marie Leclair 69266 Lyon Cedex 09 France
Location of manufacturing sites	Bayer CropScience France SAS - Site Marle, Z.I. Antoine Laurent de Lavoisier F-02250 Marle-sur-Serre France  Norbert/ Jacobson Co.—3060 Southpark Blvd 30294 Southpark Blvd United States (the)

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

Active substance	(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3- methyl-2-nitroguanidine (Clothianidin)
Name of manufacturer	Bayer CropScience AG. (Art. 95 List: BAYER S.A.S)
Address of manufacturer	Alfred-Nobel-Str. 50 40789 Monheim am Rhein Germany
Location of manufacturing sites	Bayer CropScience AG Alte Heerstrasse 41538 Dormagen Germany

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## 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 (%)
(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine (Clothianidin)		active substance	210880-92-5	433-460-1	1 % (w/w)

### 2.2. Type(s) of formulation

RB - Bait (ready for use) - gel

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H410: Very toxic to aquatic life with long lasting effects.  EUH208: Contains 1,2-Benzisothiazolin-3-one, 5-chloro-2-methyl-isothiazol-3-one/2-methyl-isothiazol-3-one. May produce an allergic reaction.
Precautionary statements	P273: Avoid release to the environment.  P391: Collect spillage.  P501: Dispose of contents to in accordance with local regulations.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Use # 1 – INDOOR use - Trained professional and professional user**

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Insecticide
Target organism(s) (including development stage)	<p>Scientific name: <i>Blattella germanica</i>  Common name: German cockroach  Development stage: adults and nymphs</p> <p>Scientific name: <i>Blatta orientalis</i>  Common name: Oriental or black cockroach  Development stage: adults and nymphs</p> <p>Scientific name: <i>Periplaneta americana</i>  Common name: American Cockroach  Development stage: adults and nymphs</p> <p>Scientific name: <i>Ctenolepisma longicaudatum</i>  Common name: grey silverfishes  Development stage: adults and nymphs</p>
Field(s) of use	<p>indoor use</p> <p>In industrial and commercial buildings, domestic / private areas or public buildings.</p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: # # # # The biocidal product is dispensed using a suitable gel applicator or a syringe. # Note: Please note the following drop diameter / weight ratio: # a drop of 7 mm <math>\approx</math> 0.1 g # a drop of 3 mm <math>\approx</math> 0.007 g # # a drop of 2 mm <math>\approx</math> 0.002 g # # #</p>
Application rate(s) and frequency	<p>Application rate: 0.1 - 0.3 g /m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:  0.1 - 0.3 g /m<sup>2</sup> - 0</p> <p>The application rate is adjusted to the density of the infestation and the type of cockroach found:</p> <p>1) Against small cockroaches i.e. nymph and adult German cockroaches (<i>Blattella germanica</i>) :</p> <ul style="list-style-type: none"> <li>• at 0,1 g/m<sup>2</sup> (moderate infestation, i.e. German cockroaches rarely visible during the day).</li> <li>• at 0,2 g/m<sup>2</sup> (severe infestaion, i.e. German cockroaches commonly visible during the day) using 2 spots of 0,1 g/m<sup>2</sup>.</li> </ul> <p>The gel baits must stay in place at least 14 days for optimal efficacy. One month after, new fresh gel baits can be reapplied if cockroaches are still visible.</p>

	<p>2) Against large cockroaches, i.e. nymph and adult oriental cockroaches (<i>Blatta orientalis</i>) at 0,2 g/m<sup>2</sup> using 2 spots of 0,1 g/m<sup>2</sup>. The gel baits must stay in place at least 4 weeks for optimal efficacy. If cockroaches are still visible, new fresh gel baits can be reapplied.</p> <p>3) Against nymph and adult American cockroaches (<i>Periplaneta americana</i>) at 0,2 g/m<sup>2</sup> or at 0,3 g/m<sup>2</sup> using 2 or 3 spots of 0,1 g/m<sup>2</sup> respectively. The gel baits must stay in place at least 12 weeks for optimal efficacy. If cockroaches are still visible, new fresh gel baits can be reapplied.</p> <p>4) Against grey silverfishes (<i>Ctenolepisma longicaudatum</i>) at 0,1422 g/m<sup>2</sup> (corresponds to approximately 20 spots of 3 mm diameter per m<sup>2</sup> or 65 spots of 2 mm diameter per m<sup>2</sup>). The gel baits must stay in place at least 8 weeks for optimal efficacy. If grey silverfishes are still visible, new fresh gel baits can be reapplied.</p> <p>Do not apply more than once a month.</p>
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	<p>10-30 g plastic (PE) cartridge and / or syringe, fitted with a cap (the applicator can be re-sealed; the piston is delivered with application cannulas, included in commercial packaging [PP])</p> <p>Sold in blisters or cardboard boxes of 1 to 8 cartridges.</p>

#### 4.1.1. Use-specific instructions

See section 5.1

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

See section 5.2

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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**

See section 5.3

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

See section 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**

See section 5.5

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

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

- Always read the label or the information leaflet before use and follow all instructions provided.
- Before treatment, users must survey the area to be treated in order to identify sites of cockroach and grey silverfish infestation e.g. by using traps and/or flush-out aerosols, searching for droppings, cast skins and egg cases etc.
- The biocide is dispensed with a suitable gel applicator. When the treatment is complete, remove the empty cartridge and dispose of it safely. If the cartridge is only partially used, remove it from the applicator, seal it with the provided cap, and store as indicated.
- The product should be directly applied as spots or thin ribbons (localized treatment) in or near corners, cracks, crevices and other ways commonly used by insects, as well as in areas behind or under appliances, bathroom and kitchen facilities, furniture, skirting boards, pipework, holes, service ducts, lift shafts, electrical and electronic equipment, etc.

In addition, for optimal effectiveness, any natural source of food suitable for cockroaches should be removed from the infested area to encourage the ingestion of the bait. If this is not possible, bait should be placed in the insect's path from its harborage to natural food sources.

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 2 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 (once a month) and make further applications as required. In any case, do not apply more than once a month, keeping in mind that the product is not described for maintenance usage.

- Apply the bait points in places out of sight, away from light and heat sources and in any case inaccessible to children or pets.
- Avoid application to excessively dusty, humid or greasy places, and on areas subject to wet cleaning. Do not apply on absorbent surfaces.
- Do not apply to areas that have recently been treated with another insecticide that may contaminate the bait.
- Do not apply in stables, pens nor cages where the animals are located.
- Inform the registration holder if the treatment is ineffective.

### **5.2. Risk mitigation measures**

- Keep out of the reach of children.
- When handling the product (fresh to apply it or already aged and dried to remove it), the use of suitable protective gloves is recommended.
- 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**

The clinical manifestations that can occur in case of exposure and / or contact are:

- Irritation and / or allergic reaction on the skin.

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



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Basic measures of action:

- Remove the person from the exposure site and remove stained or spattered clothing.
- In contact with the eyes, wash with plenty of water for at least 15 minutes. Remember check for and remove any contact lenses.
- In contact with the skin, wash with plenty of soap and water without rubbing.

DO NOT LEAVE AN AFFECTED ALONE IN ANY CASE

Therapeutic advice for doctors and healthcare personnel:

- Provide symptomatic and supportive treatment.

WHEN ASKING FOR MEDICAL ADVICE KEEP PACKAGING OR LABEL AT HAND AND CALL YOUR LOCAL POISON CONTROL CENTER (for Spain: Telephone 91 562 04 20)

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

- Empty containers, product remains, syringes and other residues generated during the application ... are considered hazardous residues. Dispose of said waste in accordance with current regulations.
- Do not throw on unpaved floors, in water courses, in sinks nor in drains.

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

Do not allow to freeze.

Shelf life at ambient temperature: 2 years

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## 6. OTHER INFORMATION

- Description of user types:

- Professional personnel (non-trained professionals) are considered to be the user who applies biocidal products in the workplace. This user has some knowledge and skills in handling chemical products and can correctly use personal protective equipment (PPE) if necessary.

- The biocidal products applicator, who has received specific training in the application of insecticides, is considered to be trained professional personnel, in accordance with current Spanish legislation.

- The potential resistance of target insects to clothianidin could be of concern and, as such, resistance management measures should be included in the authorisation of products. These could include (but should not be restricted to) the following factors:

- Good sanitation procedures and all other measures that prevent infestations from developing (i.e. non-chemical measures) have to be established.

- Products should always be used in accordance with label recommendations, in terms of dose to be applied and treatment intervals. The effective dose must be applied and no higher or lower doses.

- Treatments should be alternated with products with different modes of action, i.e avoid rotating different neonicotinoids. It is advisable to avoid using Maxforce Platin exclusively and continuously as the sole agent for cockroach control. Maxforce Platin should be used as one component of an integrated pest management program which features gel formulations with different food bases, and products from alternative chemical classes with different application methods.

- Levels of effectiveness should be monitored (periodic checks), and instances of reduced effectiveness should be investigated for possible evidence of resistance, noting that sanitary conditions and proximity of untreated refugia can contribute to the risk of re-infestation.

- In cases where label rates, correctly applied, fail to give the expected level of control and resistance is demonstrated, use of any product with the same mode of action especially neonicotinoids should be avoided.