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***ANNEX***

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

BROS mosquito and tick aerosol MAX

**Product type(s)**

PT19: Repellents and attractants

**Authorisation number:** 2086-1

**R4BP asset number:** BG-0010741-0000

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## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	BROS mosquito and tick aerosol MAX
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	BROS Spółka z ograniczoną odpowiedzialnością sp. k.
	Address	Karpia 24 61-619 Poznan Poland
Authorisation number		2086-1
<i>R4BP asset number</i>		BG-0010741-0000
Date of the authorisation		21/07/2016
Expiry date of the authorisation		06/07/2026

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

Name of manufacturer	BROS Spółka z ograniczoną odpowiedzialnością sp.k.
Address of manufacturer	ul. Karpia 24 61-619 Poznań Poland
Location of manufacturing sites	ul. Karpia 24 61-619 Poznań Poland

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

Active substance	N,N-diethyl-meta-toluamide
Name of manufacturer	Clariant Corporation
Address of manufacturer	625 E. Catawba Avenue NC 28120 Mount Holly United States (the)
Location of manufacturing sites	625 E. Catawba Avenue NC 28120 Mount Holly United States (the)  2114 Larry Jeffers Road SC 29045 Elgin United States (the)

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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 (%)
N,N-diethyl-meta-toluamide	N,N-diethyl-m-toluamide	active substance	134-62-3	205-149-7	25,77

### 2.2. Type(s) of formulation

Solvent-based ready for use aerosol

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H319: Causes serious eye irritation.  H223 : Flammable aerosol, H229 : Pressurised container: May burst if heated  H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand.  P102: Keep out of reach of children.  P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P211: Do not spray on an open flame or other ignition source.  P251: Do not pierce or burn, even after use.  P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.  P501: Dispose of contents to in accordance with local regulation.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Non-professional use on human skin**

Product type	PT19: Repellents and attractants
Where relevant, an exact description of the authorised use	VII.2 Health protection
Target organism(s) (including development stage)	<p>Scientific name: Metastigmata (Ixodida): Metastigmata (Ixodida):  Common name: ticks  Development stage: Imagines and Adults</p> <p>Scientific name: Culicidae: Culicidae:  Common name: mosquitoes  Development stage: Imagines and Adults</p> <p>Scientific name: Simuliidae: Simuliidae:  Common name: blackflies  Development stage: Imagines and Adults</p>
Field(s) of use	<p>indoor use  outdoor use</p> <p>IV.1 Indoor use IV.2 outdoor use</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: VI.1 Spraying (topical application to human skin)</p>
Application rate(s) and frequency	<p>Application Rate: 1.78 mg product cm<sup>-2</sup> skin (equivalent to 0.44 mg DEET.cm<sup>-2</sup> skin).</p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Effective as a repellent against house mosquitoes (<i>C. pipiens</i>), tiger mosquitoes (<i>A. albopictus</i>), ticks, and black flies for maximum protection times of 8, 5.5, 5 and 8 hours respectively, at an application rate of 1.78 mg product cm<sup>-2</sup> skin (equivalent to 0.44 mg DEET.cm<sup>-2</sup> skin).  The product is to be applied once or twice a day for adults and children over 12 years of age, and once a day for children between 2 and 12 years of age.  Maximum daily duration of spray of the biocidal product directly to the skin with no simultaneous application to the skin with other products, such as sun lotions - Adult - 17s  Maximum daily duration of spray of the biocidal product directly to the skin with no simultaneous application to the skin with other products, such as sun lotions - Child &gt;12 - 7s  Maximum daily duration of spray of the biocidal product directly to the skin with no simultaneous application to the skin with other products, such as sun lotions - Child 2-12 - 3s</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	<p>Aerosol can, Aluminium or Steel , 50 - 250 ml  Aluminium or steel pre-pressurised aerosol spray can: 50 - 250 ml</p>

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

The following information is required on the biocidal product label: Instructions which clearly inform the user how, when and at what frequency (including maximum number of daily applications) the product is to be applied directly to the skin.

The product is to be applied once or twice a day for adults and children over 12 years of age, and once a day to children aged 2 to 12 years old.

Avoid contact with eyes and mouth.

Do not spray directly onto face.

The product is not for use on children under 2 years of age.

The product should not be applied to the hands of children <12 years of age.

There should be no simultaneous application to the skin with other products, such as sun lotions

A child between 2 and 12 years old may be treated with the biocidal product directly to the skin once a day on the neck, lower arms and lower legs, with the rest of body protected by clothing.

Do not breathe spray

Use only outdoors or in a well ventilated area

After returning indoors, wash the product off with soap and water.

Care should be taken in the application of product to minimise the potential of splashes, drips and/or spray mist to reach the ground.

It is recommended that clothing is used to cover any untreated areas of skin and so restrict access by biting insects.

Effectively repels mosquitoes including tiger mosquitoes (up to 5.5 hours per application), ticks (up to 5 hours per application) and black flies (up to 8 hours per application).

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

The following information is required on the biocidal product label: Instructions which clearly inform the user how, when and at what frequency (including maximum number of daily applications) the product is to be applied directly to the skin.

The product is to be applied once or twice a day for adults and children over 12 years of age, and once a day to children aged 2 to 12 years old.

Avoid contact with eyes and mouth.

Do not spray directly onto face.

The product is not for use on children under 2 years of age. The product should not be applied to the hands of children <12 years of age. There should be no simultaneous application to the skin with other products, such as sun lotions

A child between 2 and 12 years old may be treated with the biocidal product directly to the skin once a day on the neck, lower arms and lower legs, with the rest of body protected by clothing.

Do not breathe spray

Use only outdoors or in a well ventilated area After returning indoors, wash the product off with soap and water.

Care should be taken in the application of product to minimise the potential of splashes, drips and/or spray mist to reach the ground. It is recommended that clothing is used to cover any untreated areas of skin and so restrict access by biting insects.

Keep out of reach of children

Keep in a safe place

Do not contaminate foodstuff, eating utensils or food contact surfaces

Keep away from sources of ignition

Effectively repels mosquitoes including tiger mosquitoes (up to 5.5 hours per application), ticks (up to 5 hours per application) and black flies (up to 8 hours per application).

#### **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**

Inhalation: When inhaled remove to fresh air and seek medical aid.

Contact with eyes: In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice

Ingestion: When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

Contact with skin: Can cause irritation to sensitive individuals. If irritation occurs wash skin with soap and water

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

Do not empty into drains.

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

Do not reuse container.

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

Store in original container

Store in a well ventilated place

Shelf life up to 2 years



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

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

See Authorised Uses

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

See Authorised Uses

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

See Authorised Uses

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

See Authorised Uses

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

See Authorised Uses

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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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**6. OTHER INFORMATION**

N/A