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***ANNEX***

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

SZUKU mosquito- and tick repellent spray

**Product type(s)**

PT19: Repellents and attractants

**Authorisation number:** HU-2022-PA-19-00400-0000

**R4BP asset number:** HU-0029016-0000

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## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	SZUKU szúnyog- és kullancsriasztó folyadék mechanikus pumpával SZUKU mosquito- and tick repellent spray
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Metatox Kft.
	Address	Kossuth utca 8. 5520 Szeghalom Hungary
Authorisation number	HU-2022-PA-19-00400-0000	
<i>R4BP asset number</i>	HU-0029016-0000	
Date of the authorisation	12/07/2022	
Expiry date of the authorisation	08/07/2032	

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

Name of manufacturer	METATOX Peszticid Gyártó- és Forgalmazó Kft.
Address of manufacturer	Kossuth str. 8. 5520 Szeghalom Hungary
Location of manufacturing sites	METATOX Peszticid Gyártó- és Forgalmazó Kft. site 1 Kossuth str. 8. 5520 Szeghalom Hungary

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

Active substance	N,N-diethyl-meta-toluamide
Name of manufacturer	Vertellus Chemicals SA (acting for Vertellus LLC (United States))
Address of manufacturer	Avenue du Port 86 C BP 204 1000 Bruxelles Belgium
Location of manufacturing sites	Vertellus Chemicals SA (acting for Vertellus LLC (United States)) site 1 2110 High Point Road NC 27403 Greensboro 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-met a-toluamide	N,N-diethyl-m- toluamide	active substance	134-62-3	205-149-7	23 % (w/w)
Ethanol	ethyl alcohol	Non-Active substance	64-17-5	200-578-6	44,6 % (w/w)
Isopropanol	Isopropyl alcohol	Non-Active substance	67-63-0	200-661-7	12 % (w/w)
BHT	2,6-di-tert-butyl- p-cresol	Non-Active substance	128-37-0	204-881-4	0,4 % (w/w)

### 2.2. Type(s) of formulation

AL Any other liquid

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260: Do not breathe spray. P273: Avoid release to the environment. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice. P501: Dispose of contents to according to national regulations..

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1.**  
**Ready to use mosquito and tick repellent spray for amateur use**

Product type	PT19: Repellents and attractants
Where relevant, an exact description of the authorised use	Repellent for outdoor use to be applied on the skin exposed to mosquito and tick bites. The formulation is not suitable for the use on cloth and hair. Do not use on children under 2 years old. The product should be applied by an adult on children under 12 years old. Adults or children should not use the product more than once a day.
Target organism(s) (including development stage)	Scientific name: Ixodidae: Ixodidae: Common name: hard ticks Development stage: adults and nymphs  Scientific name: Culicidae: Culicidae: Common name: mosquitoes Development stage: adults
Field(s) of use	outdoor use  Outdoor use
Application method(s)	Method: Spraying, spreading evenly on the skin.  Detailed description: -
Application rate(s) and frequency	Application rate: 1 g / 600 cm <sup>2</sup> -  Number and timing of application: Once a day 1 g (corresponds to 7-8 pumps) / 600 cm <sup>2</sup> (it's approximately equal to the skin area of the forearm of an average adult.) The product repels mosquitoes for 5.5 hours (330 minutes) and repels ticks for 3 hours.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	PE/PP/HDPE bottle with integral trigger sprayer. ready-to-use formulation with 30 ml, 40 ml, 50 ml or 90 ml filling; with closure cap

#### 4.1.1. Use-specific instructions

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

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

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

Shake well before use. Spread the spray from 20-25 cm evenly over the skin surface to be protected.

When using on face, apply the repellent to the palms first then spread the product on the face avoiding contact with the eyes, and the mouth.

Do not use on children under 2 years old.

The product should be applied by an adult on children under 12 years old. Adults or children should not use the product more than once a day. Do not apply the product to children's palms.

Do not apply to sunburned or scarred skin, avoid contact with open wounds.

Users with known allergies or sensible skin should use the product with special care, i.e. treat only a small area of skin for the first time.

Should allergic symptoms (such as rubefaction, rash, etc.) appear on the skin as a result of the use of the product, immediately remove by washing with plenty of water and soap.

Once protection against insect bites is not needed any more, wash treated skin with soap and water.

The product may damage certain synthetic fibres, imitation leather, plastics, watch glass, painted and varnished surfaces.

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

Use according to the instructions.

Use only outdoors.

Preferably wear long-legged trousers and a long-sleeved shirt to reduce the amount of product needed for protection.

Wash hands thoroughly with soap and water after use and before eating.

The product contains a bitter taste (Bitrex) that prevents accidental human consumption of the product.

Make sure that the product does not get on cutlery, food or feed.

Store locked up.

Manufacturer's recommendation: pregnant and lactating women should avoid using the product if possible.

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

Contact with eyes: wash out immediately with plenty of water. If there are contact lens in the eyes, remove them and continue rinsing for a few minutes. Consult eye-specialist in case of irritation or impaired vision persists.

Contact with skin: in case of allergic symptoms, wash affected area with plenty of water. Consult a specialist if you have persistent complaint.

Inhalation: move to fresh air.

Ingestion: Get immediate medical advice and show the label to the doctor.

Use caution when using the product to minimize the risk of splashing, dripping, and / or scattering on the ground.

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

Dispose of waste in accordance with local, national regulations. Do not re-use container for any purpose.

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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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Prevent entry into drains or water-bodies.

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

Shelf life of the products is 2 years.

Store the product in the original container in a dry and cool place away from heat and direct sunlight.

Protect from frost, do not store at temperatures below 0°C.

Store at temperature no greater than 35°C

Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

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## **6. OTHER INFORMATION**

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