

# Summary of product characteristics for a biocidal product

**Product name:** PROTECT® LOTION szúnyog- és kullancsriasztó krém

**Product type(s):** PT19 - Repellents and attractants (Pest control)

**Authorisation number:** HU-2014-PA-19-00093-0000

**R4BP 3 asset reference number:** HU-0006329-0000

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## Administrative information

### 1.1. Trade names of the product

PROTECT® LOTION szúnyog- és kullancsriasztó krém

### 1.2. Authorisation holder

|   |                          |   |
|---|--------------------------|---|
| <b>Name and address of the authorisation holder</b> | Name                     | Bábolna Bioenvironmental Centre Private Limited Company |
|   | Address                  | Szállás u. 6. H-1107 Budapest Hungary                   |
| <b>Authorisation number</b>                         | HU-2014-PA-19-00093-0000 |   |
| <b>R4BP 3 asset reference number</b>                | HU-0006329-0000          |   |
| <b>Date of the authorisation</b>                    | 26/06/2014               |   |
| <b>Expiry date of the authorisation</b>             | 31/12/2025               |   |

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

|  |   |
|--|---|
| <b>Name of the manufacturer</b>        | Bábolna Környezetbiológiai Központ Kft.     |
| <b>Address of the manufacturer</b>     | Szállás utca 6. H-1107 Budapest Hungary     |
| <b>Location of manufacturing sites</b> | Dr. Köves János u 1-3. 2943 Bábolna Hungary |

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

|  |  |
|--|--|
| <b>Active substance</b>                | 23 - N,N-diethyl-meta-toluamide                        |
| <b>Name of the manufacturer</b>        | Vertellus Performance Materials Inc                    |
| <b>Address of the manufacturer</b>     | 201 N Illinois Street 46204 Indianapolis United States |
| <b>Location of manufacturing sites</b> | 2110 High Point Road NC 27403 Greensboro United States |

## 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 (%) |
|----------------------------|-------------------------|------------------|------------|-----------|-------------|
| N,N-diethyl-meta-toluamide | N,N-diethyl-m-toluamide | Active Substance | 134-62-3   | 205-149-7 | 19,898      |

### 2.2. Type of formulation

|                             |
|-----------------------------|
| EW - Emulsion, oil in water |
|-----------------------------|

## 3. Hazard and precautionary statements

|                                 |  |
|---------------------------------|--|
| <b>Hazard statements</b>        | Causes serious eye irritation.   |
| <b>Precautionary statements</b> | <p>Keep out of reach of children.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>If eye irritation persists: Get medical advice.</p> <p>Store at temperatures not exceeding 45 °C/113 °F. Keep cool.</p> |

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - use as repellent

|   |  |
|---|--|
| <b>Product type</b>   | PT19 - Repellents and attractants (Pest control)   |
| <b>Where relevant, an exact description of the authorised use</b> | The product is applied on the uncovered skin evenly in a thin layer.   |
| <b>Target organism(s) (including development stage)</b>           | Scientific name: Culicidae:<br>Common name: Mosquitoes<br>Development stage: - Adults<br><br>Scientific name: Ixodidae:<br>Common name: Hard ticks<br>Development stage: nymphs and adults   |
| <b>Field(s) of use</b>  | Outdoor<br><br>Outdoor   |
| <b>Application method(s)</b>                                      | Method: Manual application<br>Detailed description:<br><br>The product is used to repel biting arthropods. It has to be spread on the uncovered, exposed skin evenly in a thin layer.  |
| <b>Application rate(s) and frequencies</b>                        | Application Rate: Apply the repellent in a thin layer (1.66 mg/cm <sup>2</sup> ) 1 gramm of repellent product is to be applied onto 600 cm <sup>2</sup> of skin surface, (600 cm <sup>2</sup> is equivalent to the skin surface of an adults forearm)<br>Dilution (%): - |

|   |  |
|---|--|
|   | <p>Number and timing of application:</p> <p>The product will keep away mosquitoes for 7 hours and also suitable for keeping Asian tiger mosquitoes (<i>Aedes albopictus</i>) away. The product keeps ticks away for 3 hours.</p> <p>It is recommended to repeat treatment after these periods but avoid use more than twice within 24 hours.</p> |
| <p><b>Category(ies) of users</b></p>            | <p>General public (non-professional)</p>   |
| <p><b>Pack sizes and packaging material</b></p> | <p>Plastic (PE / PP / HDPE) bottle with pump dispenser</p> <p>50ml (50g), 75ml (75g), 100ml (100g), 150ml (150g), 200ml (200g)</p>   |

**4.1.1 Use-specific instructions for use**

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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

### 5.1. Instructions for use

Shake the bottle well, then spread the repellent on the skin evenly with your hand.

Respect the recommended application doses.

Protection time can be lowered by sweating, water wash off, rubbing, high temperature (>30°C), wind velocity, etc.

Inform the authorization holder if the treatment is ineffective.

### 5.2. Risk mitigation measures

When staying outdoors, wear long-sleeved clothing so that repellent use can be limited to the minimum necessary. Make sure that the repellent does not contact the eyes or the mouth. Do not apply the product on the hands of the children. Do not apply the product on sensible skin areas, irritated or injured skin,

The product should not be applied more than twice daily. Children over age of 9 should not apply the product more than once a day and those under 9 years should not use the product at all. Pregnant or breast feeding women should also refrain from using this product.

Children of 9 to 12 years may use the product under supervision of an adult. Consumers should be advised not to be exposed to the product more than 8 h on a single day, regardless of the number of applications. After returning inside, when repellent effect is not desired any more, or if skin irritation occurs, wash off the repellent with water.

Wash hands after application and before meals. Avoid contact of the repellent with food, feedingstuffs and utensils. Store out of the reach of children. (The product contains a bittering agent that prevents accidental consumption.)

The formulation is not suitable for the use on hair or clothes. Contact with plastic material (e.g. glasses, watch-glass, synthetic fabric, imitation leather, paint and lacquer etc.) should be avoided.

The use of the product with other biocidal products or sunscreen products is not recommended.

When applying the product try to minimise dripping in order to reduce the contamination of bare soil and environment. If larger amounts of the product are spilled, soak up the contamination with dry sand, sawdust or other suitable material.

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

In case of inhalation: Go to / bring victim to fresh air and rest in a body position which enables breathing with ease. If symptoms occur get medical attention.

In case of eye contact: Keep eyelids open and rinse with water or eyewashing liquid, check for and remove any contact lenses if easy to do then continue rinsing for a few minutes. If impaired sight occurs or any symptoms persists, consult an ophthalmologist.

In case of ingestion: Consult a doctor.

In case of skin irritation on sensible persons, or if the product contacts mucous membranes, wounds: wash off the skin with plenty of water. If symptoms persists, consult a doctor.

In any case of emergency, when asking for medical help keep product label in hand and show it to the doctor.

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

Do not reuse the packaging of the product. Avoid contamination of the soil, surface waters, do not empty the product to the sink or drains.

Apply the relevant local regulations for waste management.

For Hungary : Waste or expired product should be stored in original packaging until safe disposal. The leftover product and packaging should preferably treated as (hazardous) chemical waste. For further information about residential hazardous waste management in your area, you can get more information via the internet or your local municipal government office. If there is no possibility at your area for hazardous waste disposal, the product and its packaging may be treated as household waste.

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

Store in the original packaging protected from sunlight, at a dry and cool place (temperature below 45 C).

Shelf life: 2 years



## 6. Other information

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