

# Summary of product characteristics for a biocidal product

**Product name:** PROTECT® szúnyog- és kullancsriasztó aeroszol

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

**Authorisation number:** HU-2014-PA-19-00094-0000

**R4BP 3 asset reference number:** HU-0006332-0000

## Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	5
5.1. Instructions for use	5
5.2. Risk mitigation measures	5
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	5
5.4. Instructions for safe disposal of the product and its packaging	5
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	6
6. Other information	6

## Administrative information

### 1.1. Trade names of the product

PROTECT szúnyog- és kullancsriasztó aeroszol  
PROTECT RANGER szúnyog- és kullancsriasztó aeroszol  
PROTECT FAMILY szúnyog- és kullancsriasztó aeroszol

### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	Bábolna Bioenvironmental Centre Private Limited Company
Address	Szállás u. 6. H-1107 Budapest Hungary
Authorisation number	HU-2014-PA-19-00094-0000
R4BP 3 asset reference number	HU-0006332-0000
Date of the authorisation	26/06/2014
Expiry date of the authorisation	31/12/2025

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

**Name of the manufacturer**

Bábolna Környezetbiológiai Központ Kft.

**Address of the manufacturer**

Szállás utca 6. 1107 Budapest Hungary

**Location of manufacturing sites**

Dr. Köves János utca 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 <sup>TM</sup> Performance Materials Inc..
<b>Address of the manufacturer</b>	201 N. Illinois Street, Suite 1800 IN 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

AE - Aerosol dispenser
------------------------

## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>Extremely flammable aerosol.</p> <p>Pressurised container: May burst if heated</p> <p>Causes serious eye irritation.</p> <p>Contains orange terpenes. May produce an allergic reaction.</p>
<b>Precautionary statements</b>	<p>Keep out of reach of children.</p> <p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.</p> <p>Do not spray on an open flame or other ignition source.</p> <p>Do not pierce or burn, even after use.</p>

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice.

Protect from sunlight. Do not expose at temperatures exceeding 50 °C/122 °F.

Store at temperatures not exceeding 45 °C/113 °F. Keep cool.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - use as a repellent

##### Product type

PT19 - Repellents and attractants (Pest control)

##### Where relevant, an exact description of the authorised use

The product is sprayed on the uncovered skin evenly in a thin layer.

##### Target organism(s) (including development stage)

Scientific name: Culicidae:  
Common name: Mosquitoes  
Development stage: Adults

Scientific name: Ixodidae:  
Common name: Hard ticks  
Development stage: nymphs and adults

##### Field(s) of use

Outdoor

outdoor

##### Application method(s)

Method: Manual application

Detailed description:

The product is used to repel biting arthropods. It has to be spread on the uncovered, exposed skin evenly in a thin layer.

##### Application rate(s) and frequencies

Application Rate: Spray 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)

Dilution (%): -

Number and timing of application:

The product will keep away mosquitoes for 7 hours and also suitable for keeping Asian tiger mosquitoes (*Aedes albopictus*) away. The product keeps ticks away for 2 hours.

It is recommended to repeat treatment after these periods but avoid use more than twice within 24 hours.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

Aerosol dispenser (metal can, inner coating: epoxy-phenol pigmented (resin) specified by PPG 3936-403/A)  
75 ml (51 g), 100 ml (68 g), 150 ml (102 g), 175 ml (119 g) 200 ml (136 g)

**4.1.1 Use-specific instructions for use**

-

**4.1.2 Use-specific risk mitigation measures**

-

**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**

-

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

-

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

-

## 5. General directions for use

### 5.1. Instructions for use

Shake the bottle well, then spray the product on the exposed skin from a distance of 2-5 cm. 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.

The face should be treated by spraying on the palm and then spreading the repellent manually on the cheeks. Make sure that the repellent does not contact the eyes or the mouth. The skin of children should be also treated by spraying in the hands and spreading the repellent manually. 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 a day. 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 are 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 to use on hair or on 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 be 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 residential 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

-