

Summary of product characteristics for a biocidal product

Product name: Repel Insect Repellent Spray - Tropical Strength

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

Authorisation number:

R4BP 3 asset reference number: UK-0008696-0000

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Administrative information

1.1. Trade names of the product

REPEL SPRAY

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Boots UK Ltd
	Address	1 Thane Road NG2 3AA Nottingham United Kingdom
Authorisation number		
R4BP 3 asset reference number	UK-0008696-0000	
Date of the authorisation	11/10/2016	
Expiry date of the authorisation	10/10/2021	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Reabrook Ltd
Address of the manufacturer	Rawdon Road, Moira DE12 6DA Derbyshire United Kingdom
Location of manufacturing sites	Rawdon Road, Moira DE12 6DA Derbyshire United Kingdom

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

Active substance	23 - N,N-diethyl-meta-toluamide
Name of the manufacturer	Vertellus Performance Materials Inc.
Address of the manufacturer	2110 High Point Road NC 27403 Greenboro United States
Location of manufacturing sites	2110 High Point Road NC 2740 Greenboro United States
Active substance	23 - N,N-diethyl-meta-toluamide
Name of the manufacturer	Clariant Corporation
Address of the manufacturer	625 Catawba Avenue NC 28120 Mount Holly United States
Location of manufacturing sites	625 Catawba Avenue NC 28120 Mount Holly 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		Active Substance	134-62-3	205-149-7	50
Alcohol Denat.	Ethanol		64-17-5	200-578-6	34.034

2.2. Type of formulation

Pressurised liquid with propellant

3. Hazard and precautionary statements

Hazard statements

Flammable aerosol.
 Causes skin irritation.
 Harmful to aquatic life with long lasting effects.

Precautionary statements

Causes serious eye irritation.
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. – No smoking.
Keep container tightly closed.
Wash thoroughly after handling.
Avoid release to the environment.
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
If skin irritation occurs:Get medical ...
If eye irritation persists:Get medical ...
Take off contaminated clothing.
Dispose of to .
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Protect from sunlight.Do not expose at temperatures exceeding 50 °C/122 °F.

4. Authorised use(s)

4.1 Use description

Use 1 - Non-professional use

Product type

PT19 - Repellents and attractants (Pest control)

Where relevant, an exact description of the authorised use

VII.2 Health protection

Target organism(s) (including development stage)

Culicidae:-Mosquitoes-Adults

Field(s) of use

	<p>Indoor</p> <p>Outdoor</p> <p>IV.1 Indoor use IV.2 Outdoor use</p>
Application method(s)	<p>Lotion (topical application to human skin) - Effectively repels mosquitoes, and tropical mosquitoes for maximum protection times of 5.5 hours, at an application rate of 1.42µl of product per cm² (equivalent to 0.625mg DEET per cm² skin). The product is to be applied once a day for adults, children over 12 years of age, and children between 2 and 12 years of age.</p> <p>Maximum number of 1 second sprays of biocidal product to the skin per day: Adult: 11</p> <p>Child >12: 4 Child 2-12: 2</p>
Application rate(s) and frequencies	<p>1.42µl of product per cm² (equivalent to 0.625mg DEET per cm² skin). - 0 -</p> <p>Effectively repels mosquitoes, and tropical mosquitoes for maximum protection times of 5.5 hours, at an application rate of 1.42µl of product per cm² (equivalent to 0.625mg DEET per cm² skin). The product is to be applied once a day for adults, children over 12 years of age, and children between 2 and 12 years of age.</p> <p>Maximum number of 1 second sprays of biocidal product to the skin per day: Adult: 11</p> <p>Child >12: 4 Child 2-12: 2</p>
Category(ies) of users	<p>General public (non-professional)</p>
Pack sizes and packaging material	<p>Bottle - Metal: - 50 or 125ml</p>

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 a day for adults, children over 12 years of age, and children between 2 and 12 years of age.

Avoid contact with eyes and mouth.

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

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.

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

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

Do not breathe spray.

Use only outdoors or in well a ventilated area.

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

Effectively repels mosquitoes for up to 5.5 hours.

Effectively repels tropical mosquitoes for up to 5.5 hours.

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 a day for adults, children over 12 years of age, and children between 2 and 12 years of age.
Do not spray directly onto the face.
Avoid contact with eyes and mouth.
After returning indoors, wash the product off with soap and water.
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.
A child between 2 and 12 years old may be treated with the biocidal product to the skin once a day on the face and neck, with the rest of body protected by clothing.
It is recommended that clothing is used to cover any untreated areas of skin and so restrict access by biting insects.
Do not breathe spray.
Use only outdoors or in well a ventilated area.
Care should be taken in the application of product to minimise the potential of splashes, drips and/or spray mist to reach the ground.
Keep away from sources of ignition.
Keep out of reach of children.
Keep in a safe place.
Do not contaminate foodstuff, eating utensils or food contact surfaces.
Effectively repels mosquitoes for up to 5.5 hours.
Effectively repels tropical mosquitoes for up to 5.5 hours.

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 : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion: Rinse mouth thoroughly with water. DO NOT induce vomiting. Get medical attention immediately.
Skin contact: Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact: Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Environmental precautions: Do not discharge into drains or watercourses or onto the ground. Methods for cleaning up: Eliminate all sources of ignition. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

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 waterbodies or watercourses with chemicals or used container.
Do not reuse container.
Dispose of contents/container to... in accordance with local/regional/national/international regulation (to be specified).

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 of up to 2 years.
Protect from frost.

5. General directions for use

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

6. Other information