

# SAFETY DATA SHEET

## Insect Repellent Wipe

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**  
Insect Repellent Wipe
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Insect Repellent
- 1.3 Details of the supplier of the safety data sheet**  
Guardpack  
5 Bilton Road  
Chelmsford  
Essex CM1 2UP  
Tel: 01245 505807  
Fax: 01245 358786  
E mail: office@guardpack.co.uk
- 1.4 Emergency telephone number**  
  
Tel. 01245 505807 (  
Mon-Fri 9 am – 5 pm)  
24hr 07798 624766

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

**Classification in accordance with the Dangerous Preparations Directive 1999/45/EC**  
Highly Flammable, F; R11 Highly flammable  
Irritant Xi; R36 Irritating to Eyes

#### 2.2 Label elements

**Labelling in accordance with the Dangerous Preparations Directive 1999/45/EC**

No label required under the CHIP Regulations 2009, Regulation 7 (5) and (6) as the very small quantities contained in each sachet are considered not to present a foreseeable risk under the expected conditions of supply, use and disposal.

#### 2.3 Other hazards

None identified.

### SECTION 3: Composition

#### 3.1 Substances

Not applicable - product is a mixture

#### 3.2 Mixtures

An alcohol based liquid absorbed on to synthetic towelling sheets.

Name	CAS No.	Concentration	Classification
Denatured alcohol	64-17-5	<80%	F; R11
			Flam. Liq. 2 H225
2-hydroxy- $\alpha,\alpha,4$ -trimethylcyclohexanemethanol	42822-86-6	<20%	Xi; R41
			Eye Dam. 1 H318

These classifications refer to the pure substance. See section 16 for full description of R phrases and H statements.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

**EYE CONTACT:** Wash thoroughly with water for several minutes and obtain medical attention if signs of irritation persist..

**INHALATION:** Remove from exposure. If breathing becomes difficult call a doctor.

**SKIN CONTACT:** Wash off with soap and water. If irritation persists, seek medical advice.

**INGESTION:** If swallowed, rinse mouth with water.

### 4.2 Most important symptoms and effects, both acute and delayed

**EYE CONTACT:** If liquid from the wipe gets into the eye it may cause irritation with redness, stinging, watering of the eye.

**INHALATION:** Inhalation is considered to be unlikely. Exposure to large quantities of vapour may cause drowsiness and dizziness.

**SKIN CONTACT:** Prolonged and repeated use may cause dryness of the skin.

**INGESTION:** Ingestion is considered to be unlikely. Ingestion of large quantities may cause symptoms of alcohol intoxication.

### 4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media

Water spray, alcohol resistant foam, dry powder and carbon dioxide extinguishers are suitable.

### 5.2 Special hazards arising from the substance or mixture

No special hazards.

### 5.3 Advice for fire fighters

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

## SECTION 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No special precautions necessary.

### 6.2 Environmental precautions

Prevent entry into sewers and watercourses.

### 6.3 Methods and materials for containment and clearing up

Collect wipes and place in a sealable container for disposal.

### 6.4 References to other sections

See section 8 and 13 for further advice.

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in its original labelled container. Keep out of reach of children and animals.

**7.3 Specific end uses(s)**

No special precautions.

**SECTION 8. Exposure Controls/Personal Protection****8.1 Control parameters****EXPOSURE LIMITS**

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type
Ethanol	1000 ppm (1920 mg/m <sup>3</sup> )	-	EH40, 2011

**8.2 Exposure controls****Engineering controls**

Normal room ventilation is expected to be adequate.

**Respiratory protection**

Not normally required. If large numbers of wipes are to be handled or prolonged contact is expected then ensure adequate ventilation.

**Hand Protection**

If large numbers of wipes or prolonged contact is expected, then suitable gloves may be required. Natural rubber, butyl rubber, nitrile rubber may be suitable, but glove manufacturers recommendations should always be checked.

**Eye protection**

If large numbers of wipes are being used, then safety glasses or goggles may be appropriate.

**Skin protection**

If large numbers of wipes or prolonged contact is expected, then suitable protective clothing such as overalls with sleeves should be worn. Remove protective clothing when contaminated and wash before reuse.

**Environmental Exposure Controls**

Not normally required.

**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Clear liquid absorbed onto towelling
<b>Odour:</b>	Pleasant odour
<b>Odour threshold:</b>	No data
<b>pH:</b>	Approximately neutral
<b>Melting point:</b>	<0°C
<b>Boiling point:</b>	78°C (Ethanol)
<b>Flashpoint:</b>	12°C (Ethanol)
<b>Evaporation rate:</b>	No data
<b>Flammability (solids):</b>	Not applicable
<b>Upper/lower flammability limits:</b>	3.3 – 19% (Ethanol)
<b>Vapour pressure:</b>	59.3 mm Hg @ 20 deg C (Ethanol)
<b>Vapour density:</b>	1.58 (Ethanol)
<b>Relative density:</b>	No data
<b>Solubility in water:</b>	Liquid component is completely miscible
<b>Solubility in other solvents:</b>	No data
<b>Partition coefficient (log Kow):</b>	No data
<b>Autoignition temperature:</b>	No data

**Decomposition temperature:** No data  
**Viscosity:** Not applicable  
**Explosive properties:** Not classified as explosive  
**Oxidising properties:** Not classified as oxidising

## 9.2 Other information

None

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Not considered to be reactive.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None expected.

### 10.4 Conditions to avoid

Avoid exposure to high and freezing temperatures.

### 10.5 Incompatible materials

Avoid contact with strong oxidisers.

### 10.6 Hazardous decomposition products

None known.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

- |   |   |
|---|---|
| <b>(a) acute toxicity</b>                 | Not expected to present an acute toxicity hazard                                    |
| <b>(b) skin corrosion/irritation</b>      | Not expected to irritate to skin. Prolonged and frequent exposure may dry the skin. |
| <b>(c) serious eye damage/irritation</b>  | If liquid from the wipe gets into the eye it may cause eye irritation               |
| <b>(d) respiratory/skin sensitisation</b> | Not expected to cause sensitisation.  |
| <b>(e) germ cell mutagenicity</b>         | Contains no known mutagens above thresholds of concern.                             |
| <b>(f) carcinogenicity</b>                | Contains no known carcinogens above thresholds of concern.                          |
| <b>(g) reproductive toxicity</b>          | Contains no known reproductive toxins above thresholds of concern.                  |
| <b>(h) STOT-single exposure</b>           | Not expected to have any target organ effects.                                      |
| <b>(i) STOT-repeated exposure</b>         | Not expected to have any target organ effects.                                      |
| <b>(j) aspiration hazard</b>              | Not expected to present an aspiration hazard.                                       |

## SECTION 12: Ecological Information

### 12.1 Toxicity

Not expected to be toxic to the environment.

### 12.2 Persistence and degradability

The liquid components of this product are expected to be readily biodegradable. The tissue component is expected to biodegrade in the environment.

### 12.3 Bioaccumulative potential

None of the components are expected to present a bioaccumulation hazard.

### 12.4 Mobility in soil

All of the components in the liquid added to the wipes are soluble in water.

#### 12.5 Results of PBT and vPvB assessment

None of the components are considered to be PBT or vPvB.

#### 12.6 Other adverse effects

None known

### SECTION 13: Disposal Considerations

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#### 13.1 Waste treatment methods

Waste wipes and packaging should be disposed of in accordance with local regulations.  
For large quantities of product, incineration may be suitable.

### SECTION 14: Transport Information

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This product contains does not need to be transported as dangerous goods, in accordance with UN 3175 Special Provision 216 (ADR/RID/IMDG) and Special Provision A46 (IATA).

### SECTION 15: Regulatory Information

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#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

All components are listed as existing substances in Europe

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### SECTION 16: Other Information

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#### Revision information:

This is the first SDS prepared in accordance with the format described in Regulation (EC) No. 453/2010.

#### List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service  
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008  
DSD Dangerous Substances Directive 67/548/EEC  
DPD Dangerous Preparations Directive 1999/45/EC  
EC European Community/Commission  
PBT Persistent, Bioaccumulative and Toxic  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006  
vPvB very Persistent, very Bioaccumulative

#### References:

ECHA CHEM Databases of Registered Substances and Classification and Labelling Inventory  
Suppliers SDS for component substances  
EH40, 2011  
Further references available on request

#### Method used for classification of mixtures:

Ingredient based approaches and expert judgment.

#### R Phrases and H Statements used in Section 3

R11 Highly Flammable  
R41 Risk of serious damage to eyes

H225 Highly Flammable liquid and vapour  
H318 Causes serious eye damage

#### Training requirements for workers

No special training requirements.