

SAFETY DATA SHEET

Guardpack Hand & Surface Sterizar Wipes with Minty Lemon Fragrance

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

Guardpack Hand & Surface Sterizar Wipes with Minty Lemon Fragrance

1.2 Relevant identified uses of the substance or mixture and uses advised against

Hand cleansing

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)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

No Classification Required under CLP

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Contains Citral, Limonene

2.3 Other hazards

Sensitive individuals may have an allergic reaction (redness, rash) to the fragrance (citral, limonene). None of the components are considered to be PBT or vPvB.

SECTION 3: Composition

3.1 Substances

Not applicable - product is a mixture

3.2 Mixtures

An aqueous solution containing surfactants and fragrance absorbed on to synthetic towelling sheets.

Name	EC/CAS No.	Concentration	Classification
Didecyldimethylammonium Chloride	230-525-2 7173-51-5	<1%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1; H400; Aquatic Chronic 2: H411; M= 10 (acute)
Benzyl-C12-14-alkyldimethylammonium chlorides	939-350-2 85409-22-9	< 1%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1 H318; Aquatic Acute 1; H400; Aquatic Chronic 1: H410; M= 10 (acute) M= 1 (chronic)

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

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with water and obtain medical attention if signs of discomfort 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 mild irritation with redness, stinging, watering of the eye.

INHALATION: Inhalation is considered to be unlikely.

SKIN CONTACT: Sensitive individuals may have an allergic reaction (redness, rash) to the fragrance (citral, limonene).

INGESTION: Ingestion is considered to be unlikely.

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. Use extinguishing media appropriate to the surrounding conditions.

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

No relevant exposure limits identified.

8.2 Exposure controls

Engineering controls

Normal room ventilation is expected to be adequate.

Respiratory protection

Not normally required.

Hand Protection

If large numbers of wipes are to be used or prolonged contact is expected, then suitable gloves may be required. Butyl rubber, nitrile rubber may be suitable, but glove manufacturer's 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 are being used 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

Appearance:	Clear liquid absorbed onto towelling
Odour:	Mild lemon odour
Odour threshold:	No data
pH:	Approximately neutral
Melting point:	Liquid similar to water
Boiling point:	Liquid similar to water
Flashpoint:	Not flammable
Evaporation rate:	No data
Flammability (solids, gas):	Not applicable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	Liquid similar to water
Vapour density:	Liquid similar to water
Relative density:	Approximately 1 (liquid)
Solubility in water:	Completely miscible (liquid)
Solubility in other solvents:	No data
Partition coefficient (log Kow):	No data
Autoignition temperature:	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.

- | | |
|---|---|
| (a) acute toxicity | Not expected to present an acute toxicity hazard |
| (b) skin corrosion/irritation | Not expected to be irritating to skin. Prolonged and frequent exposure may dry the skin. |
| (c) serious eye damage/irritation | If liquid from the wipe gets into the eye it may cause mild irritation, stinging, redness. |
| (d) respiratory/skin sensitisation | This product contains fragrance (citral, limonene) below the threshold for classification as sensitising. Nevertheless individuals already sensitised to these compounds may experience an allergic reaction. |
| (e) germ cell mutagenicity | Contains no known mutagens above thresholds of concern. |
| (f) carcinogenicity | Contains no known carcinogens above thresholds of concern. |
| (g) reproductive toxicity | Contains no known reproductive toxins above thresholds of concern. |
| (h) STOT-single exposure | Not expected to have any target organ effects. |
| (i) STOT-repeated exposure | Not expected to have any target organ effects. |
| (j) aspiration hazard | Not expected to present an aspiration hazard. |

SECTION 12: Ecological Information

12.1 Toxicity

This product contains components which could be harmful to the environment if they enter streams and watercourses in large quantities. However, the amount of these components present in each wipe is very small and is not expected to result in any significant problems.

12.2 Persistence and degradability

Some of the components in this product may degrade only slowly. The surfactants in the product comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. 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**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

Not classified as dangerous goods for transport.

	ADR	IMDG	ICAO/IATA
14.1 UN Number	None	None	None
14.2 UN Proper shipping name	None	None	None
14.3 Transport hazard class(es)	None	None	None
14.4 Packing group	None	None	None
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	Not required	Not required	Not required
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

SECTION 15: Regulatory Information**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**Revision information:**

This is the first SDS prepared in accordance with the format described in Regulation (EC) No. 1907/2006 and 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:

CLP Regulation 1272/2008

ECHA CHEM Database of Disseminated Registration Dossiers and Classification and Labelling Inventory.

Suppliers SDS for component substances.

Method used for classification of mixtures:

Ingredient based approaches

R Phrases and H Statements used in Section 3

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

Training requirements for workers

No special training requirements.