PRODUCT SAFETY INFORMATION SHEET

Issued: 26/04/2023

Derma Shield Aerosol

Revision 7

A Safety Data Sheet (SDS) is not required for this product under Article 31 of REACH.

This Product Safety Information Sheet has been created on a voluntary basis intended to communicate the inherent hazards of an aerosol dispenser with propellant.

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT: Derma Shield Aerosol

PRODUCT DESCRIPTION: Skin Protectant

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SECTION 2 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No 1272/2008: Category 3 Aerosol

2.2. LABEL ELEMENTS

Label elements required according to the Aerosol Dispensers Directive 75/324/EEC and Regulation (EC) No 1272/2008

Pictogram(s): None required

Signal Word: Warning

Hazard Statement(s):

H229 Pressurised container: May burst if heated

Precautionary statement(s):

P102 Keep out of reach of children

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P251 Do not pierce or burn, even after use

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Extra phrases:

10 % by mass of the contents are flammable.

2.3 OTHER HAZARDS

No hazards known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Not Applicable. This product is regulated as a mixture.

3.2 MIXTURES

Description of the mixture: Water based skin protectant in an aerosol dispenser containing propellents.

INGREDIENTS: Aqua, Propane, Butane, Palmitic Acid, Dimethicone, Palm Kernel Acid, Isopropyl Myristate, Glycerin, VP/VA Copolymer, Isobutane, Triethanolamine, Cetyl Alcohol, Cetearyl Alcohol, Ceteareth-20, Hydroxyethylcellulose, Polyperuoromethylisopropyl Ether, Tocopheryl Acetate, Lanolin, Disodium EDTA, Aloe Barbadensis Leaf Juice, Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben, Citric Acid, Sodium Benzoate, Potassium Sorbate.

Hazardous ingredients:

Name	CAS No	EC No	Index Number	% (weight)	Classification according to Regulation (EC) No 1278/2008 (CLP)
BUTANE substance with national workplace exposure limit(s) (GB)	106-97-8	203-448-7	601-004-00-0	<4%	Press. Gas Flam. Gas 1 (H220)

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: If symptoms are experienced, remove source of contamination, or move victim to fresh air. Obtain medical advice. Remove person to fresh air and keep comfortable for breathing.

Skin contact: No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Eye contact: Rinse cautiously with water for several minutes. If product enters the eyes wash with plenty of water or eye wash solution. Remove contact lenses if possible and continue to rinse. If any discomfort continues obtain medical attention.

Ingestion: Seek medical advice if you feel unwell. Do not induce vomiting. Rinse mouth thoroughly with plenty of water. If large amounts have been ingested or discomfort continues obtain medical attention.

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

None expected.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide. Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard: The aerosol containers can pressurise in the case of fire and explode. The propellant may form explosive vapour/air mixtures and promote the spread of fire. 10% Flammable components.

Explosion hazard: Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire: Carbon dioxide, carbon monoxide, oxides of nitrogen, hydrocarbons.

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Product Spillage: Wear protective clothing as described in section 8 of this safety data sheet. Avoid eye contact and inhalation of vapours during the clean-up operation.

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Recover mechanically the product. Surfaces may be slippery.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

The following UK OELs may be used as a guide

Name	CAS No	Workplace exposure limit			
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15 minute reference period)	
		ppm	mg.m^{-3}	ppm	mg.m^{-3}
BUTANE	106-97-8	600	1450	750	1810

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Hand protection: Protective gloves

Eye protection: Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls: Avoid release to the environment.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State: White Mousse

Odour: Mild, pleasant, organic

Odour Threshold: No data available

pH: 6.5 – 7.5

Solubility in water: Emulsion in water

Explosive Properties: Pressurised container: May burst if heated.

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY

Pressurised container: May burst if heated.

CHEMICAL STABILITY

Stable under normal temperature and storage conditions. Stable under recommended use. **CONDITIONS**

TO AVOID

Avoid extreme temperatures, above 50°C and freezing conditions. Sources of ignition.

MATERIALS TO AVOID

Oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, Carbon monoxide, Carbon dioxide, Hydrocarbons, Oxides of nitrogen. Reaction with oxidising agents will promote the spread of fire.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard:	Not classified

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a household waste recycling centre as hazardous waste except for empty containers which can be disposed of by recycling. Contact your local council for details.

SECTION 14 TRANSPORT INFORMATION

General

This product is always transported as a limited quantity, < 1 litre.

Aerosols may be packed in fibreboard cartons up to 30kg gross mass or shrink/stretch wrap trays, up to a gross mass of 20kg.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR/RID:	UN1950, AEROSOLS, 2.2, (E), ADR Classification Code: 5A. Transport as “Limited Quantity” according to ADR chapter 3.4
IMDG-CODE:	UN1950, AEROSOLS, 2.2
ICAO/IATA:	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2.
	Consumer Commodity Code: ID8000

ENVIRONMENTALLY HAZARDOUS: No

MARINE POLLUTANT: No.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

EH40/2005 (Third edition, 2018). HSE

Aerosol Dispensers Directive 75/324/EEC

Regulation (EC) N° 1223/2009 on cosmetic products

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III)

EC Regulation (EC) No. 1907/2006 as amended

15.2 CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out.

SECTION 16 OTHER INFORMATION

List of abbreviations and acronyms:

ADN	European provisions concerning the international carriage of dangerous goods by inland waterways
ADR	European Agreement Concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification Packaging and Labelling
EC	European Commission
EU	European Union
g	grams
IATA	International Air Transport Association
IBC	International bulk container
IMDG	International Maritime Dangerous Goods Code
OEL	Occupational Exposure Limit
REACH	Registration Evaluation and Authorisation of Chemicals
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
STEL	Short-term exposure limit
TWA	Time weighted average
UK	United Kingdom
UN	United Nations
vPvB	Very Persistent and Very Bioacccumulative substances
WEL	Workplace Exposure Limit

Full text of Hazard and Precautionary Phrases used above

H220 Extremely flammable gas.

Press. Gas Gases under pressure

Flam. Gas 1 Flammable gases, Category 1

Revisions:

Revision 4: 23rd April 2010

Revision 5: 31st July 2015: Updated for REACH/ CLP.

Revision 6: 12th September 2018: Review & minor updates to all sections

Revision 7: 26th April 2023: Review & minor updates to all sections

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