



MATERIAL (SAFETY DATA SHEET)

PRODUCT DERMA SHIELD AEROSOL

I. Product Identification

Product code: 25060H, 25061H, 25065H, 25066H, 25070H, 25071H, 25072H
Product Description: Skin Protectant

Manufacturer/Supplier
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II. Hazard identification

2.1 Classification:

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.

No hazards known.

2.3 Other hazards:

III. 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 propellants.

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, Polyperuromethylisopropyl Ether, Tocopheryl Acetate, Lanolin, Disodium EDTA, Aloe Barbadensis Leaf Juice, Propylenen Glycol, Deazolidinyl Urea, Methylparaben, Propylparaben, Citric Acid, Sodium Benzoate, Potassium Sorbate.

Hazardous Ingredients:

Chemical Name

C.A.S. number	EC Number	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)

IV. 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 Irritation:

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 or delayed.

None expected

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

V. 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 and 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.

VI. Accidental Release Measure

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.

VII. Storage and Handling Procedures.

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 uses(s)

No additional information available

VIII. Exposure Controls and Personal Protection

8.1 Control parameters

The following UK OELs may be used as a guide

Name	Case NO	Workplace exposure limit			
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15 minutes 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

IX. Physical and Chemical Properties.

Appearance:	White Mousse	Solubility in water:	Emulsion in water
Odor :	Mild, pleasant, organic	pH	6.5-7.5
Odor threshold:	No data available		

X. Stability and reactivity

Reactivity	Pressurised container: Mayburst 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:	Oxidizing agents.
Hazardous decomposition products:	During fire, Carbon monoxides, Carbon dioxide, Hydrocarbons, Oxides of nitrogen. Reaction with oxidizing agents will promote the spread of fire.

XI. 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

XII. Ecological Information**12.1 Toxicity**

Ecology - general: This 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

XIII. Disposal considerations

Disposal methods: 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.

XIV. Transportation information**General**

This product is always transported as 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 / AND

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

Environmentally Hazardous: No

Marine Pollutant: NO

XV. Regulatory Information.**15.1 Safety, Health and Environmental regulation/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
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.

XVI. Other information

List of abbreviations and acronyms:

AND	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 Labeling
Dot	Department of Transportation
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 Bioaccumulative substances
WEL	Workplace Exposure Limit

Full test of Hazard and Precautionary Phrases used above.

H220 Extremely Flammable gas.

Press. Gas Gasses under pressure

Flam. Gas 1 Flammable gasses, Category 1

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