



# PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

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

**MANUFACTURER:** Benchmark Skincare Ltd  
Unit 307  
Springvale Industrial Estate  
Cwmbran  
NP44 5BR  
United Kingdom

**TELEPHONE NUMBER:** +44(0) 1633 877569

**FAX NUMBER:** +44(0) 1633 865282

**EMAIL:** [info@dermashield.co.uk](mailto:info@dermashield.co.uk)

## 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



# PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

### 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, Cetearth-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<br>substance with national workplace exposure limit(s) (GB) | 106-97-8 | 203-448-7 | 601-004-00-0 | <4%        | Press. Gas<br>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.



## PRODUCT SAFETY INFORMATION SHEET

Derma Shield Aerosol

Issued: 12 Sept 2018  
Revision 6

### 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



# PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

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<br>(8-hr TWA reference period) |                    | Short-term exposure limit<br>(15 minute reference period) |                    |
|        |          | ppm                                                     | mg.m <sup>-3</sup> | ppm                                                       | mg.m <sup>-3</sup> |
| 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



## PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

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



## PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

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



## PRODUCT SAFETY INFORMATION SHEET

Issued: 12 Sept 2018  
Revision 6

Derma Shield Aerosol

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 Bioaccumulative 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



## PRODUCT SAFETY INFORMATION SHEET

Derma Shield Aerosol

Issued: 12 Sept 2018  
Revision 6

### Revisions:

Revision 4: 23<sup>rd</sup> April 2010

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

Revision 6: 12<sup>th</sup> September 2018: Review & minor updates to all sections

**Legal disclaimer:** The information contained herein is believed to be correct but does not purport to be inclusive and shall be used only as a guide. The company accepts no liability for and makes no claims regarding the uses, qualities or components of this product. ©Benchmark Skincare Ltd 2018