

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 23 Jan 2023

Print date: 23 Jan 2023

Version: 3

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Marly Skin ® Hautschuttschaum

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

1.1. Product identifier

Trade name/designation:

Marly Skin ® Hautschuttschaum

Article No.:

35ml - 35010; 50ml - 50002; 100ml - 10002

Additional information:

The Product is subject to the German Cosmetics Ordinance. Voluntary product information following the Safety Data Sheet format

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

Use of the substance/mixture:

Skin protection

Relevant identified uses:

Life cycle stage [LCS]

C: Consumer use

Product Categories [PC]

PC 39: Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Marly Products

Kolomanstr. 5 a
85737 Ismaning
Germany

Telephone: +49(0)89-99638879

Telefax: +49(0)89-99638890

E-mail: mail@marlyproducts.de

Lieferant / Supplier
Carl Roth GmbH + Co KG
Schoemperlenstr. 3-5
76185 Karlsruhe, Germany
+49 721 5606 0
sicherheit@carlroth.de

1.4. Emergency telephone number

24h: Poison control center Munich +49 (0)89-19240 Emergency CONTACT GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|--------------------------------------|---|--------------------------|
| Aerosols (Aerosol 3) | H229: Pressurised container: May burst if heated. | On basis of test data. |

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations, the product does not have to be labelled.

Signal word: Warning

| Hazard statements for physical hazards | |
|--|---|
| H229 | Pressurised container: May burst if heated. |

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Supplemental hazard information: none

Precautionary statements

P102 Keep out of reach of children.

Precautionary statements Prevention

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.

Precautionary statements Storage

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

Special rules for supplemental label elements for certain mixtures:

35ml: 14,9 % by mass of the contents are flammable.

50ml: 11,7 % by mass of the contents are flammable.

100ml: 10,1 % by mass of the contents are flammable.

Additional information:

Other labelling: Aerosol Directive (75/324/)

* 2.3. Other hazards

Adverse physicochemical effects:

Caution! Container under pressure.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Adverse human health effects and symptoms:

No information available.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no component meets the criteria.

Adverse environmental effects:

No information available.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.


Other adverse effects:

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers | Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP] | Concentration |
|--|--|-------------------|
| CAS No.: 106-97-8 EC No.: 203-448-7 | butane The substance is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP]. | 5 - ≤ 10 Vol-% |
| CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5 | propane Flam. Gas 1 (H220), Press. Gas  Danger | 5 - ≤ 10 Vol-% |

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

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In case of skin contact:

No special measures are necessary.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), Foam, Extinguishing powder, Water mist

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Pressurised container: May burst if heated.

5.3. Advice for firefighters

Use suitable breathing apparatus.

5.4. Additional information

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment.

Emergency procedures:

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety.

6.1.2. For emergency responders

Personal protection equipment:

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. (Danger of explosion)

6.3. Methods and material for containment and cleaning up

For containment:

Suitable material for taking up: Sand, Universal binder

For cleaning up:

Take up mechanically, placing in appropriate containers for disposal. Dispose of waste according to applicable legislation.

Other information:

Ventilate affected area.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Observe instructions for use. Do not handle until all safety precautions have been read and understood.

Fire prevent measures:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Requirements for storage rooms and vessels:

Ensure adequate ventilation of the storage area.

Storage class (TRGS 510, Germany): 2B - Aerosol dispensers and lighters

Further information on storage conditions:

To follow: TRGS 510: Technical rules for hazardous substances - Storage of hazardous substances in nonstationary containers

7.3. Specific end use(s)

Recommendation:

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark |
|--------------------------------------|---|--|
| TRGS 900 (DE) | butane CAS No.: 106-97-8 EC No.: 203-448-7 | ① 1,000 ppm (2,400 mg/m ³) ② 4,000 ppm (9,600 mg/m ³) ⑤ DFG |
| TRGS 900 (DE) | propane CAS No.: 74-98-6 EC No.: 200-827-9 | ① 1,000 ppm (1,800 mg/m ³) ② 4,000 ppm (7,200 mg/m ³) ⑤ DFG |

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation.

8.2.2. Personal protection equipment

Eye/face protection:

Eye protection: not required.

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Skin protection:

Hand protection is not required.

Respiratory protection:

Usually no personal respirative protection necessary.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

* 9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: white

Odour: not determined

Odour threshold: not determined

Safety relevant basis data

| Parameter | Value | at °C | ① Method ② Remark |
|--|--------------------------|-------|-----------------------|
| pH | 8.5 | | |
| Melting point | <i>not determined</i> | | |
| Freezing point | <i>not applicable</i> | | |
| Initial boiling point and boiling range | -42 °C | | ② Siedepunkt Butan |
| Decomposition temperature | <i>No data available</i> | | |
| Flash point | -80 °C | | |
| Evaporation rate | <i>No data available</i> | | |
| Auto-ignition temperature | ≈ 400 °C | | ② Aerosol propellants |
| Upper/lower flammability or explosive limits | <i>not determined</i> | | |
| Vapour pressure | 4 - 5.5 bar | 20 °C | |
| Vapour density | <i>No data available</i> | | |
| Density | <i>not determined</i> | | |
| Relative density | <i>not determined</i> | | |
| Bulk density | <i>No data available</i> | | |
| Water solubility | partially soluble | | |
| Partition coefficient: n-octanol/water | <i>No data available</i> | | |
| Dynamic viscosity | <i>No data available</i> | | |
| Kinematic viscosity | <i>not determined</i> | 40 °C | |
| Vapour pressure at 50 °C | 8 - 10 bar | 50 °C | |

particle characteristics:

not applicable

* 9.2. Other information

Appearance: Foam

9.2.1. Information with regard to physical hazard classes

Flammable gases:

35ml: 14,9 % by mass of the contents are flammable.

50ml: 11,7 % by mass of the contents are flammable.

100ml: 10,1 % by mass of the contents are flammable.

Gases under pressure:

Pressurised container: May burst if heated.

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

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10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Danger of bursting container. Do not expose to temperatures exceeding 50 °C/122 °F.

10.4. Conditions to avoid

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Hazardous combustion products: Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

non-irritant.

Serious eye damage/irritation:

non-irritant.

Respiratory or skin sensitisation:

not sensitising.

Germ cell mutagenicity:

No experimental indications of in vitro mutagenicity exist.

Carcinogenicity:

No indication of human carcinogenicity.

Reproductive toxicity:

No evidence for reproductive toxicity in experimental animals.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

* 11.2. Information on other hazards

Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no component meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

No information available.

12.2. Persistence and degradability

Additional information:

Readily biodegradable (according to OECD criteria).

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12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

Accumulation / Evaluation:

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

* 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

Consult the appropriate local waste disposal expert about waste disposal.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

| | |
|------------|---|
| 16 05 04 * | Gases in pressure containers (including halons) containing hazardous substances |
|------------|---|



*: Evidence for disposal must be provided.

Waste code packaging

| | |
|------------|--|
| 15 01 10 * | packaging containing residues of or contaminated by dangerous substances |
|------------|--|

*: Evidence for disposal must be provided.

SECTION 14: Transport information

| Land transport (ADR/RID) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--|---|--|
| 14.1. UN number or ID number | | |
| UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shipping name | | |
| AEROSOLS | AEROSOLS | AEROSOLS |
| 14.3. Transport hazard class(es) | | |
|  2.2 | No data available |  2.2 |
| 14.4. Packing group | | |
| - | | |
| 14.5. Environmental hazards | | |
| No | No | No |
| 14.6. Special precautions for user | | |
| Special Provisions: 190 327 344 625 Limited quantity (LQ): 1 L Excepted Quantities (EQ): E0 Classification code: 5A Tunnel restriction code: (E) | Special Provisions: 63 190 277 327 344 381 959 Limited quantity (LQ): Siehe SV277 Excepted Quantities (EQ): E0 EmS-No.: F-D, S-U | Special Provisions: A98 A145 A167 Limited quantity (LQ): Y203 Excepted Quantities (EQ): E0 |

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14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

5 MuSchRiV.

22 JArbSchG.

4 MuSchRiV.

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

1 - schwach wassergefährdend

Description:

slightly hazardous to water

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1. Indication of changes

| | |
|-------|---|
| 2.3. | Other hazards |
| 9.1. | Information on basic physical and chemical properties |
| 9.2. | Other information |
| 11.2. | Information on other hazards |
| 12.6. | Endocrine disrupting properties |

16.2. Abbreviations and acronyms

| | |
|-------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| DNEL | derived no-effect level |
| ES | Exposure scenario |
| EWC | European Waste Catalogue |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| MAK | Maximum concentration in the workplace air (CH) |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety & Health |
| OECD | Organisation for Economic Cooperation and Development |
| OSHA | Occupational Safety & Health Administration |
| PBT | persistent and bioaccumulative and toxic |
| PC | Product category |
| PNEC | Predicted No Effect Concentration |
| REACH | Registration, Evaluation and Authorization of Chemicals |
| RID | Dangerous goods regulations for transport by rail |

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TRGS Technische Regeln für Gefahrstoffe
UN United Nations
ZNS central nervous system

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|--------------------------------------|---|--------------------------|
| Aerosols (<i>Aerosol 3</i>) | H229: Pressurised container: May burst if heated. | On basis of test data. |

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements | |
|-------------------|--------------------------|
| H220 | Extremely flammable gas. |

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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This Safety Data Sheet was drawn up by TÜV SÜD Industrie Service GmbH (see below), based on data from the supplier, who is named in section 1 and who is responsible for this document.

TÜV SÜD Industrie Service GmbH
Department Environmental Service
Westendstraße 199
80686 Munich - Germany

* Data changed compared with the previous version.