

# Safety Data Sheet

According to regulation (EG) 1907/2006

## Marly Skin® Skin Protection Foam

Druckdatum: 23.02.2019

### 1. Identification of the substance/mixture and of the company

#### 1.1 Product identifier:

Trade name: Marly Skin® Skin Protection Foam  
Use: Skin protection  
Article Nos.: Marly Skin® 35 ml Code No.: 35010  
Marly Skin® 50 ml Code No.: 50002  
Marly Skin® 100 ml Code No.: 10002

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

Relevant identified uses: Skin protection

#### 1.3 Details of the supplier of the safety data sheet

Company: Kryolan Australia Pty Ltd  
Address: 86 Woodlands Drive, Braeside  
Tel.: +613 9580 8122  
Fax:  
Email: +sales@kryolan.com.au  
Website: + www.kryolan.com.au

#### 1.4 Emergency telephone number:

Tel.: +61419 586 189

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture:

Classification according to Regulation (EG) Nr. 1272/2008

Aerosole, category 1 H222 Extremely flammable aerosol

#### 2.2 Label elements

Labelling according to regulation (EG) Nr. 1272/2008



Hazard pictogram: GHS 02  
signal word: Danger

Hazard statements:  
H229

Pressurized container: May burst if heated.

Precautionary statements:  
P210

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

P211

Do not spray on an open flame or other ignition source

P251

Don't pierce or burn, even after use.

P410+412

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

P102

Keep out of reach of children.

#### 2.3 Other hazards

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In case of leakages escaping gas collects on the ground and may constitutes explosive mixtures above the ignition temperature.

Strong cold caused by expanding liquid gas.

### 3. Composition/information on ingredients

**3.1 Substances:** not applicable

#### 3.2 Mixtures

Description of the mixture: Aqueous emulsion of the substances listed below with harmless additives.

#### Hazardous ingredients:

CAS: 106-97-8	Butane	concentration <10%
EINECS: 203-448-7	Flam. Gas 1, H220; Press. Gas, H280	
CAS: 74-98-6	Propane	concentration <10%
EINECS: 200-827-9	Flam. Gas 1, H220; Press. Gas, H280	

H220: Extremely flammable gas.

H280: Contains gas under pressure; may explode when heated.

### 4. First aid measures

#### 4.1 Description of first aid measures

Following inhalation: supply fresh air, consult doctor in case of symptoms

Following eye contact: Rinse opened eye for several minutes under running water, consult doctor in case of continued complaints.

Following ingestion: Seek medical treatment.

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

No further relevant information available.

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

No further relevant information available.

### 5. Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media: CO<sub>2</sub>, foam, fire extinguishing powder, water haze

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### 5.3 Advice for firefighters

Remove non damaged aerosols from the danger zone, in case of fire. Keep aerosols cool with water haze.

### 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

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Remove ignition sources. Ensure adequate ventilation.

### 6.2 Environmental precautions

Prevent material from reaching sewage system, holes and cellars.  
(risk of explosion)

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

### 6.4 Reference to other sections

See section 7 for information on safe handling.  
See section 8 for information on personal protective equipment.  
See section 13 for information on disposal.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Precautions for safe handling: Observe safety text for aerosols (section 15) and the instructions for use.

Precautions against fire and explosion: Warning. Pressurized container. Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F. Don't pierce or burn, even after use.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Storage only in well ventilated rooms; Observe national regulations for aerosols (TRG 300).

## 8 Exposure controls / personal protection

### 8.1 Control parameters

Components with limit values that require monitoring at the workplace:

106-97-8 Butan ( 2,5-10 %)  
AGW long-term value: 2400 mg/m<sup>3</sup>, 1000 mL/m<sup>3</sup> 4(II); DFG

74-98-6 Propan (2,5-10 %)  
AGW long-term value: 1800 mg/m<sup>3</sup>, 1000 mL/m<sup>3</sup> 4(II); DFG

Additional informations: The lists that were valid during the compilation were used as basis.

### 8.2 Limitation and monitoring of Exposure

Personal protective equipment on proper use: none  
General protective and hygienic measures: none

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance:

Physical state: foam  
Colour: white  
Odour: characteristic

#### Safety relevant basic data:

pH value: 8 – 8,5

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change in condition:	not applicable
flash point:	ca. -80 °C for propellant
Flammability:	extremely flammable
Ignition temperature:	ca. 400 °C for propellant
Risk of explosion:	vapour (dust) / air mixtures are capable of exploding under following conditions
Explosion limits:	
lower:	ca. 1,5 Vol% for propellant
upper:	ca. 9,5 Vol% for propellant
Vapour pressure 20 °C:	4,0 – 5,5 bar
Vapour pressure 50 °C:	8,0 – 10,0 bar
Density 20 °C:	ca. 0,94 g/cm <sup>3</sup>
Solubility in water:	partially soluble

### 9.2 Other informations

No further relevant information available.

## 10. Stability and Reactivity

- 10.1 Reactivity:** No further relevant information available.
- 10.2 Chemical Stability:** No further relevant information available.
- 10.3 Possibility of hazardous reactions:** May burst if heated above 50 °C.
- 10.4 Conditions to avoid:** No decomposition if used according to specifications
- 10.5 Incompatible Materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** incomplete consumption forms carbon monoxide

## 11. Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity:	No further relevant information available.
Primary irritant effect:	not irritant
on the skin:	not irritant
on the eye:	not irritant
Sensitisation:	No sensitizing effect known.

Additional toxicological precautions:  
Under normal conditions of use the product is not hazardous.

## 12. Ecological information

- 12.1 Toxicity:** No further relevant information available.
- 12.2 Persistence and Degradability:** readily biodegradable.
- 12.3 Bioaccumulative potential:** No further relevant information available.
- 12.4 Mobility in soil:** No further relevant information available.
- 12.5 Results PBT- and vPvB-Assessment:** not applicable.

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Additional ecotoxicological information:  
Water hazard class 1 (Self-assessment)

### 13. Disposal considerations

#### 13.1 Waste treatment methods

##### AVV-Nr.:

Complete emptied aerosols: 150110  
ordinary waste  
(observe official regulations)

Non emptied aerosols: 160504  
Hazardous waste  
(observe official regulations)

### 14 Transport information

#### Land transport ADR/RID/GGVS/GGVSE:

ADR/RID-GGVSE/E Class: 2/5 F  
UN Number: 1950  
Limit Quantity: 1 Liter  
Description of the goods: 1950 Aerosols, flammable

#### Sea transport IMDG/GGV-See:

IMDG/GGVSee Class: 2  
UN-Number: 1950  
Label: 2.2  
EMS Number: F-D, S-U  
Proper technical name: AEROSOLS, flammable  
(containing Propane/Butane)

#### Air transport ICAO-TI/IATA-DGR:

ICAO/IATA-Klasse: 2  
UN/ID Number: 1950  
Label: 2.2  
Packaging Notes (LQ): Y203  
Max. net quantity / package (LQ): 30kg G  
Proper technical name: AEROSOLS, flammable  
(containing Propane/Butane)

### 15 Regulatory informations

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

National Regulations: Aerosols.

#### 15.2 Labelling (Regulation EG NR. 1272/2008) CLP: s. Section 2

Additional Informations	Test pressure of aerosol cans: 18 bar
Water hazard class :	Water hazard class 1 (Self-assessment)
Information about limitation of use	not applicable
Relevant legislation (Störfallverordnung)	not applicable
Industrial safety regulation	not applicable
TA-Air	not applicable
Other regulations, limitations and prohibitive regulations: / .	

### 16 Sonstige Angaben

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### Abbreviations and Acronyms:

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)

### Other Informations

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The product is not regulated by regulation(EG) 1907/2006 Artikel 31, regarding the properties and the intended use.

The provision of the safety data sheet is done on a voluntary basis. The transmission or an update of this safety data sheet is only done on explicit request.