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2.1 : flammable gas.

Danger



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

1.1. Product identifier

Identification of the product : Aerosols dispensers.

Trade name : CLEAN MOUSSE

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

See product bulletin for detailed information.

1.3. Details of the supplier of the safety data sheet

Producer/Manufacturer : SADAPS BARDAHL Additives & Lubricants
 ZI TOURNAI OUEST 2
 RUE DU MONT DES CARLIERS, 3
 7522 TOURNAI Belgique-Belgie
 TEL : +32 (0).69.59.03.60
 FAX : +32 (0).69.59.03.61
 MAIL : bardahl@bardahlfrance.com

Distributor : SADAPS BARDAHL CORPORATION
 BP 50050 MOUVAUX
 59589 BONDUES Cedex France
 TEL : +33 (0)3 10 38 38 38
 FAX : +33 (0)3 20 82 97 87
 MAIL : bardahl@bardahlfrance.com

1.4. Emergency telephone number

+32 (0)70.245.245
 +33 (0)1.45.42.59.59

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: F+; R12

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SECTION 2 Hazards identification (continued)

Text of R-Phrases : : SECTION 16

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- Physical hazards : Flammable aerosols - Category 1 - Danger (CLP : Flam. Aerosol 1)
Pressurised container: May burst if heated.

Text of H-Phrases : : SECTION 16

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

- Hazard pictograms



- Hazard pictograms code : SGH02
- Signal words : Danger
- Hazard statements : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
- Precautionary statements
 - General : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
 - Prevention : 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 - Do not pierce or burn, even after use.
P260 - Do not breathe gas/spray.
P271 - Use only outdoors or in a well-ventilated area.
 - Response : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 - Storage : P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
 - Disposal considerations : P501 - Dispose of contents/container in accordance with local regulations.
- Contains : 5 % or over but less than 15 % aliphatic hydrocarbons , perfumes .
- Other : Use as per instructions and specifically for this purpose.

2.3. Other hazards

None under normal conditions.

SECTION 3 Identification of the substance/mixture and of the company/undertaking

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Butane	: 5 - 15 %	106-97-8	203-448-7	----	----	F+; R12 Flam. Gas 1 (H220)
Propane	: < 5 %	74-98-6	200-827-9	----	----	F+; R12 Flam. Gas 1 (H220)
2-butoxyethanol	: < 5 %	111-76-2	203-905-0	603-014-00-0	01-2119475108-36-XXXX	Xn; R20/21/22 Xi; R36/38 Acute Tox. 4 (H312) Acute Tox. 4 (H332) Acute Tox. 4 (H302) Eye irrit 2 (H319) Skin Irrit. 2 (H315)
Propan-2-ol	: < 5 %	67-63-0	200-661-7	603-117-00-0	01-2119457558-25-XXXX	F; R11 R67 Xi; R36 Flam. Liq. 2 (H225) Eye irrit 2 (H319) STOT SE 3 (H336)

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SECTION 3 Identification of the substance/mixture and of the company/undertaking (continued)

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Alcohols, C12-14, ethoxylated :	< 0.5 %	68131-39-5	----	----	----	Xn; R22 Xi; R41 N; R50 Eye Dam 1 (H318) Acute Tox. 4 (H302) Aquatic Acute 1 (H400)
Ammonia :	< 0.5 %	1336-21-6	215-647-6	007-001-01-2	01-2119488876-14-XXXX	C; R34 N; R50 Skin Corr. 1B (H314) Aquatic Acute 1 (H400)

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin thoroughly with mild soap and water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Not expected to be a primary route of exposure.

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

- Inhalation : Inhalation of vapours may cause respiratory irritation.
- Skin contact : Not expected to be an irritant.
- Eye contact : Direct contact with the eyes is likely irritating.
- Ingestion : Ingestion unlikely.

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.
Powder.
Water spray.
Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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SECTION 6. Accidental release measures (continued)

General precautions : Remove ignition sources.

Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods

- on soil : Clean up any spills as soon as possible, using an absorbent material to collect it.
- on water : Take up large spills with pump or vacuum.

6.4. Reference to other sections

No data available.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

General : When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Take off immediately all contaminated clothing.

Handling : No smoking. Do not breathe gas, fumes, vapour or spray. Wear suitable protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in dry, cool, well-ventilated area. Keep in original containers.

Storage life : 3 years.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits :

- Butane : TLV© -TWA [ppm] : (MAK) 1000
- Butane : TLV© -TWA [ppm] : (ACGIH) 1000
- Butane : VME [ppm] : (France) 800
- Butane : VME [mg/m³] : (France) 1900
- Butane : VME [mg/m³] : (allemagne) 4(II) DFG 2400
- Butane : VME [mL/m³] : (allemagne) 4(II) DFG 1000
- 2-butoxyethanol : TLV© -STEL [ppm] : 50
- 2-butoxyethanol : TLV© -TWA [mg/m³] : 121
- 2-butoxyethanol : TLV© -TWA [ppm] : 25
- 2-butoxyethanol : MAC [mg/m³] : 100
- 2-butoxyethanol : MAC [ppm] : 20
- 2-butoxyethanol : VME [ppm] : 20
- 2-butoxyethanol : VME [mg/m³] : 98
- 2-butoxyethanol : VLE [ppm] : 50
- 2-butoxyethanol : VLE [mg/m³] : 246
- Propan-2-ol : TLV© -TWA [mg/m³] : 983
- Propan-2-ol : TLV© -STEL [mg/m³] : 1230
- Propan-2-ol : TLV© -TWA [ppm] : 400

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SECTION 8. Exposure controls/personal protection (continued)

Propan-2-ol : MAC [mg/m³] : 980
 Propan-2-ol : TLV[®] -STEL [ppm] : 500
 Propan-2-ol : VME [ppm] : 250
 Propan-2-ol : VME [mg/m³] : 650

8.2. Exposure controls

Personal protection

- Eye protection : Avoid contact with eyes.
- Skin protection : Wear suitable protective clothing.
- Hand protection : In case of repeated or prolonged contact wear gloves.(EN374)
- Respiratory protection : Where excessive vapour may result, wear approved mask.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state at 20 °C : Liquid.
- Colour : Colourless.
- Odour : Characteristic.
- Odour threshold : No data available.
- pH : 10.4
- Melting point / Freezing point : No data available.
- Initial boiling point - boiling range [°C] : No data available.
- Flash point [°C] : < 0
- Evaporation rate : 1.300
- Flammability : No data available.
- Explosion limits (lower - upper) : 1.13 - 12
- Vapour pressure : 853 000 Pa
- Vapour density : No data available.
- Relative density : 0.992
- Solubility : In water, material soluble.
- Partition coefficient : n-octanol / water : No data available.
- Auto-ignition temperature : No data available.
- Thermal decomposition : No data available.
- Viscosity : 1 mPa.s (20°C)
- Explosive Properties : No data available.
- Oxidising properties : No data available.

9.2. Other information

- Other data : COV/VOC : 14.60% - 138.643g/l

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable.

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SECTION 10. Stability and reactivity (continued)

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Open flame. Sparks. Heat.

10.5. Incompatible materials

Materials to avoid : Strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : Hydrocarbon. Carbon monoxide. Carbon dioxide.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Refer to Summary of hazards
SECTION 1

SECTION 12. Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

WGK (Water-endangerment class) : 1

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

SECTION 14. Transport information

14.1. UN Number

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SECTION 14. Transport information (continued)

UN No. : 1950

14.2. Proper shipping name

UN1950 AEROSOLS, flammable (Butane), 2.1, 5F, (D)

14.3. Transport Hazard Classification

19 - Labelling ADR



ADR/RID : 2.1 : flammable gas.
 : Class : 2
 : Group : F

H.I. nr : --

- Proper shipping name : UN1950 AEROSOLS, flammable (Butane), 2.1, 5F, (D)

Land transport

- ADR Class : 2

- ADR Packing group : F

Emergency action in case of accident : Stop the engine.
 No naked lights. No smoking.
 NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.
 Mark roads and warns other road users.
 Keep public away from danger area.

Sea transport

- IMO-IMDG code : Class 2.1

IMO Packing group : -

- IMDG-Marine pollution : NO

- EMS-Nr : F-D S-U

Air transport

- ICAO/IATA : Packaging instructions cargo : 203
 Packaging instructions passenger: 203

- Proper shipping name : AEROSOLS, flammable

- IATA - Class or division : 2

14.4. Packing group

F

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Emergency action in case of accident : Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

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SECTION 14. Transport information (continued)

No data available.

SECTION 15. Regulatory information

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

Ensure all national/local regulations are observed.

Other : WGK (Water-endangerment class) : 1
COV/VOC : 14.6% - 138.643g/l

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Text of H-Phrases :

- : H220 - Extremely flammable gas.
- H225 - Highly flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H336 - May cause drowsiness or dizziness.
- H400 - Very toxic to aquatic life.

Text of R-Phrases :

- : R11 : Highly flammable.
- R12 : Extremely flammable.
- R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
- R22 : Harmful if swallowed.
- R34 : Causes burns.
- R36 : Irritating to eyes.
- R36/38 : Irritating to eyes and skin.
- R41 : Risk of serious damage to eyes.
- R50 : Very toxic to aquatic organisms.
- R67 : Vapours may cause drowsiness and dizziness.

Recommended uses and restrictions : See product bulletin for detailed information.

Further information : Revision - See : *
Label : 734 321 R3
Safety data sheet available for professional user on request.

Print date : 15 / 1 / 2015

The contents and format of this SDS are in accordance with Regulation (EC) N° 453/2010 of the European Parliament and of the Council.

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