



SAFETY DATA SHEET

MILFOAM cleaning foam liquids

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 02.06.2015

1.1. Product identifier

Product name MILFOAM cleaning foam liquids

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

Use of the substance/preparation Detergent for weapons.

1.3. Details of the supplier of the safety data sheet

Company name CLP System AB

Postal address Box 7002

Postcode SE-187 11

City Täby

Country Sweden

Tel +46 8 732 44 05

Fax +46 8 732 44 09

E-mail info@clp.se

Website http://www.clp.se

1.4. Emergency telephone number

Emergency telephone Emergency number:112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Skin Irrit. 2;H315;

Regulation (EC) No 1272/2008

[CLP/GHS]

2.2. Label elements

Hazard Pictograms (CLP)



Composition on the label 2-Aminoethanol:< 5 %

Signal word Warning

Hazard statements H315 Causes skin irritation.

Precautionary statements P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

PBT / vPvB	Not PBT or vPvB.
Other hazards	No information required.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
2-Aminoethanol	CAS no.: 141-43-5 EC no.: 205-483-3 Index no.: 603-030-00-8 Synonyms: 2-Aminoethanol	Acute tox. 4; H332 Acute tox. 4; H312 Acute tox. 4; H302 Skin Corr. 1B; H314	< 5 %
Substance comments	The full text for all hazard statements is displayed in section 16.		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once.
Skin contact	Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation continues.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.
Ingestion	In case of ingestion: Get medical attention. Show this safety data sheet if possible.

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

Information for health personnel	Treat Symptomatically.
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4.3. Indication of any immediate medical attention and special treatment needed

Other Information	No information required.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, carbon dioxide or dry powder.
Improper extinguishing media	Waterjet. Water spray.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Harmful fumes. Carbon monoxide (CO). Carbon dioxide (CO ₂).

5.3. Advice for firefighters

Fire fighting procedures	Use pressurised air mask if product is involved in a fire.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Ventilate well. Avoid contact with skin and eyes. In case of inadequate ventilation wear respiratory protection.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Absorb with sand or other inert absorbent. For waste disposal, see section 13.
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6.4. Reference to other sections

Other instructions	See section 7, 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Provide good ventilation. Avoid contact with skin and eyes. Observe good laboratory hygiene practices. Wash hands before breaks and before smoking, eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in tightly closed original container in a dry, cool and well-ventilated place. Keep out of reach of children.

7.3. Specific end use(s)

Specific use(s) See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values

Substance	Identification	Value	TWA Year
2-Aminoethanol	CAS no.: 141-43-5	8-hour TWA: 1 ppm	2011
	EC no.: 205-483-3	8-hour TWA: 2,5 mg/m ³	
	Index no.: 603-030-00-8	15 min.: 3 ppm	
	Synonyms: 2-Aminoethanol	15 min.: 7,6 mg/m ³	

8.2. Exposure controls

Limitation of exposure on workplace Well-ventilated area.

Safety signs



Respiratory protection

Respiratory protection Respiratory protection must be used if air contamination exceeds acceptable level. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

Hand protection

Hand protection Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye / face protection

Eye protection Wear goggles/face shield.

Skin protection

Skin protection (except hands) Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene / Environmental

Specific hygiene measures When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Fluid.
Colour	Data lacking.
Comments, Odour limit	Data lacking.
pH (as supplied)	Value: < 11
Comments, pH (aqueous solution)	Data lacking.
Comments, Melting point / melting range	Data lacking.

Comments, Boiling point / boiling range	Data lacking.
Flash point	Value: 124 °C
Comments, Evaporation rate	Data lacking.
Flammability (solid, gas)	Data lacking.
Comments, Explosion limit	Data lacking.
Comments, Vapour pressure	Data lacking.
Comments, Vapour density	Data lacking.
Specific gravity	Value: 0,992-0,995 g/ml Test temperature: 29 °C
Comments, Bulk density	Data lacking.
Comments, Solubility	Data lacking.
Comments, Partition coefficient: n-octanol / water	Data lacking.
Comments, Spontaneous combustability	Data lacking.
Comments, Decomposition temperature	Data lacking.
Comments, Viscosity	Data lacking.
Explosive properties	Data lacking.
Oxidising properties	Data lacking.

9.2. Other information

Other physical and chemical properties

Physical and chemical properties No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Data lacking.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Data lacking.

10.4. Conditions to avoid

Conditions to avoid Data lacking.

10.5. Incompatible materials

Materials to avoid No information required.

10.6. Hazardous decomposition products

Hazardous decomposition products No information required.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

General Irritating to skin.

Potential acute effects

Inhalation No specific health warnings noted.

Skin contact Irritating. May cause redness and pain.

Eye contact No specific health warnings noted.

Ingestion No specific health warnings noted.

Delayed effects / repeated exposure

Sensitisation No specific health warnings noted.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	No specific health warnings noted.
Mutagenicity	No recommendation given.
Reproductive toxicity	No specific health warnings noted.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Not classified as dangerous to the environment. There are no data on the ecotoxicity of this product.
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12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Data lacking.
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12.4. Mobility in soil

Mobility	Data lacking.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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12.6. Other adverse effects

Other adverse effects / Remarks	None known.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
EWC waste code	EWC: 140603* other solvents and solvent mixtures

SECTION 14: Transport information

14.1. UN number

Comments	The product is not classified as dangerous goods.
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14.2. UN proper shipping name

Comments	Not relevant.
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14.3. Transport hazard class(es)

Comments	Not relevant.
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14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

Comments	Not relevant.
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14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information.

Additional information.	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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SECTION 15: Regulatory information

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

Legislation and regulations	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).</p> <p>EH40/2005 Workplace exposure limits</p> <p>The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).</p>
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Skin Irrit. 2; H315;
List of relevant H-phrases (Section 2 and 3).	<p>H302 Harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H332 Harmful if inhaled.</p> <p>H312 Harmful in contact with skin.</p>
Important data sources used to construct the safety data sheet	MSDS supplied by the manufacturer
Version	1
Responsible for safety data sheet	CLP System AB