

Product name: EUROLITE Snow fluid

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

1.1. Product identifier

Trade name: EUROLITE Snow fluid
 REACH Registration No.: not applicable

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

Relevant identified uses Simulation of snow

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: Steinigke Showtechnic GmbH
 Andreas-Bauer-Straße 5
 D-97297 Waldbüttelbrunn
 Phone: +49 931 4061-0
 Fax: +49 931 4061-700
 Homepage: www.steinigke.com
 E-Mail: info@steinigke.com
 Contact: Herr Schuster
 Telefon: +49 931 4061-434
 Fax: +49 931 4061-9110
 E-Mail: sds@steinigke.de

1.4. Emergency telephone number

Opening hours: +49 931 4061-434 (Mo. – Fr., 8.00 – 16.00 Uhr)
 Contact: Herr Schuster
 Phone: +49 931 4061-434
 E-Mail: sds@steinigke.de
 Emergency information: Giftnotruf Mainz – 24 h Notdienst
 Phone: +49 6131-19240

2. Hazards identification

2.1. Classification of the mixture

The product is not classified as hazardous under the CLP Regulation.

2.2. Label elements


The product has not to be labeled under the CLP Regulation

2.3. Other Hazards




No

3. Composition/information on ingredients

3.2. Mixture

Ingredients	Hazard class and category	Concentration
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts		
CAS-No. 61789-40-0 EG-No. 263-058-8	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Acute 1, H400 	< 10%

Product name: EUROLITE Snow fluid

Sulfonic acids, C10-18-alkane, sodium salts			
CAS-No.	68037-49-0	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1C, H314; Eye Dam. 1, H318	 < 10%
EG-No.	268-213-3		
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts			
CAS-No.	68439-57-6	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1, H315; Eye Irrit. 2, H319 Aquatic Chronic 2, H411	 < 10%
EG-No.	270-407-8		
Alcohols, C10-16, ethoxylated, sulfates, sodium salts			
CAS-No.	68585-34-2	Skin Irrit. 2, H315; Eye Irrit. 2, H319	 < 10%
EG-No.	500-223-8		

Hazard statements	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.
	H400	Very toxic to aquatic life.
	H411	Toxic to aquatic life with long lasting effects.

4. First aid measures

4.1. Description of first aid measures

General notes:	Wash with water thoroughly after handling. Do no eat, drink or smoke when using this product.
Following inhalation:	Get medical advice/attention if you feel unwell.
Following skin contact:	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Following eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Following ingestion:	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

Data not available

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

Data not available

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Water, foam

Unsuitable extinguishing media
Carbon dioxide

5.2. Special hazards arising from the substance or mixture

Data not available

Product name: EUROLITE Snow fluid

5.3. Advice for firefighters

Handle in accordance with good industrial hygiene and safety practice.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Risk of slipping due to leakage, spillage or condensation of product
Avoid contact with skin, eyes and clothing

6.2. Environmental precautions

More spillage or leakage prevented if this is possible without risk.
Do not let product enter drains

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material
Send in suitable containers for recovery or disposal

6.4. Reference to other sections

Personal protective equipment see section 8
For disposal see section 13

7. Handling and storage

7.1. Precautions for safe handling

Store in unbreakable containers.

7.2. Conditions for safe storage, including any incompatibilities

The ambient temperature must not exceed 40 °C. Protect from frost. Keep container tightly closed in a dry place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values	Data not available
DNEL-/DMEL	Data not available
PNEC	Data not available

8.2. Exposure controls

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Remove/Take off immediately all contaminated clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday and apply cream.

Eye/face protection	Eye glasses with side protection (EN 166)
Hand protection	Protective gloves (EN 374)

Product name: EUROLITE Snow fluid

Body Protection Workware
Respiratory protection Not mandatory

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Appearance	Form: viscous liquid Colour: colourless
b) Odour	soapy
c) Odour threshold	Data not available
d) pH	6 - 8
e) Melting point/freezing point	Data not available
f) Initial boiling point and boiling range	Data not available
g) Flash point	Data not available
h) Evaporation rate	Data not available
i) Flammability	Data not available
j) Upper/lower flammability or explosive limits;	Data not available
k) Vapour pressure	Data not available
l) Vapour density	Data not available
m) Relative density	1,01 g/ml
n) Solubility(ies)	completely miscible in water
o) Partition coefficient: n-octanol/water	Data not available
p) Auto-ignition temperature	Data not available
q) Decomposition temperature	The product is not self-igniting
r) Viscosity	viscous
s) Explosive properties	The product is not explosive
t) Oxidising properties	Data not available

9.2. Other informations

Data not available

10. Stability and Reactivity

10.1. Reactivity

See section 10.3

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Product name: EUROLITE Snow fluid

No dangerous reactions known

10.4. Conditions to avoid

Storage temperatures higher than 40 °C

10.5. Incompatible materials

See section 10.3

10.6. Hazardous decomposition products

Do not decompose at the intended use

No known hazardous decomposition products

11. Toxicological informations

11.1. Information on toxicological effects

Acute Toxicity	Data not available
Skin corrosion/irritation	Data not available
Serious eye damage/irritation	May cause slight irritation on the eye
Respiratory or skin sensitization	Did not cause sensitization
Germ cell mutagenicity	No germ cell mutagenic effect
Carcinogenicity	No suspicion of carcinogenic effect
Reproductive toxicity	Data not available
Specific target organ toxicity - single exposure	Data not available
Specific target organ toxicity - repeated exposure	Data not available
Aspiration hazard	Data not available

12. Ecological information

12.1. Toxicity

Data not available

12.2. Persistence and degradability

The product is readily biodegradable.

Other information: 28 day(s) 100.

12.3. Bioaccumulative potential

Data not available

12.4. Mobility in soil

Data not available

Product name: EUROLITE Snow fluid

12.5. Results of PBT and vPvB assessment

Data not available

12.6. Other adverse effects

Data not available

13. Disposal considerations

13.1. Waste treatment methods

Product

Must be supplied in accordance with official regulations for special treatment. Disposal in accordance with official regulations..

Contaminated packaging

Recommendation: Disposal according to official regulations.

14. Transport Information

14.1. UN Number

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4. Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5. Environmental hazards

ADR/RID: -

IMDG: -

IATA: -

14.6. Special precautions for user

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

No transport as bulk according IBC Code

15. Regulatory information

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

National provisions

Employment restrictions Under health and safety law, every employer must ensure, so far as reasonably practicable, the health and safety of all their

Product name: EUROLITE Snow fluid

Volitale organic
compounds

employees, irrespective of age. As part of this, there are certain considerations that need to be made for young people. According to Directive 2004/42/EC not contain any VOC components

15.2. Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. Other information

Exposure szenario:

Professional snow fluid for the production of show effects in the event industry, theater and film production.

As a simulation of snowfall or the produced snow is directly spread on a surface area.

It must be assumed that people let themselves be snowed upon and stay in the snow.

Clothes, skin and hair are in contact with the snow over a longer period. Contact with the eyes or being swallowed cannot be excluded.

With increasing length of stay in the snow, the risk of slipping increases.

The risk of electric shock should be avoided by taking appropriate measures.

Particularly in enclosed spaces, it must be ensured that exits and emergency exits are safely accessible. The same applies for escape routes, landings, building edges, etc.

Keep away from children and store out of reach.

The product is to be used properly and as supplied. Futher information:

The above information is believed current state to the best knowledge. They do not claim to be exhaustive. The safety data sheet describes products with regard to requirements for a safe handling and to be understood by the user as a guideline. The information does not have the meaning of guarantees on properties within the meaning of quality descriptions

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