

## 1. Product and supplier

Product: Snow fluid  
Register number: Not applicable  
Application: Creation of artificial snow  
Identified application: None  
Supplier: Steinigke Showtechnic GmbH  
Andreas-Bauer-Str. 5  
D-97297 Waldbüttelbrunn  
Phone: ++49-(0)931 – 40 61 - 0  
Fax: ++49-(0)931 – 40 61 - 700  
Homepage: [www.steinigke.de](http://www.steinigke.de)  
E-Mail: [info@steinigke.de](mailto:info@steinigke.de)  
Emergency number: ++49-(0)931 – 40 61 – 434 (Mo. – Fr., 8.00 – 16.00 Uhr)  
Responsible person: Mr. Schuster, Tel.: 0931/40 61/434,  
klaus.schuster@steinigke.de

## 2. Possible dangers

Physical/chemical danger: See chapter 10  
Health hazards: None  
Environmental danger: None  
Other dangers: None  
Other: Not hazardous according to EU guidelines  
R-sentences: None

## 3. Ingredients

Chemical characteristics: tenside with not hazardous additives.  
Hazardous ingredients:

EC-No.	CAS-No.	Designation	Content	Classification
268-213-3	68037-49-0	Na-C14-C17 Alkansulfonat	<10%	Xi – R36
263-058-8	61789-40-0	Cocoaminopropylbetain	<10%	Xi – R36
270-407-8	68439-57-6	Sulfonsäuren, C14-16-Alkanhydroxy- und C14-16-Alken-Natriumsalze	<10%	Xi – R38
	68585-34-2	Alkyl (C12-C13)-polyethylenglykol (2 EO)-Sulfat, Na-Salz	<10%	Xi-R36/38

Sum of Xi – components: < 25%

## 4. First Aid measures

General advice: No hazard when normally used.  
After breathing in: Breathe fresh air, if there are troubles consult your doctor.  
After contact with skin: Clean with water and soap.  
Change contaminated clothes.  
After contact with eyes: Rinse with water.  
After swallowing: Swallow water, if there are troubles consult your doctor.

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### 5. Measures for fighting burns

Appropriate fire-extinguishers:	The product is inflammable. Fight surrounding fires with foam, extinguishing powder, carbon dioxide or water spray.
Special danger due to the product or its combustion products or produced gas:	None
Special protection equipment when fighting fires:	Do not inhale explosion or fire gas. Use respirator.

### 6. Measures if accidentally set free

Measures related to persons:	Danger of skidding due to spilt product. Care for enough ventilation..
Measures for environmental protection:	None
Cleaning procedures:	Absorb with sand, earth or absorbing material and dispose correctly.

### 7. Handling and storage

Advice for safe handling:	Store in unbreakable containers (like delivered).
Advice for storing and containers:	Only store in closed containers. Containers must be clean, dry and rustfree.
Advice for fire-protection and explosion-protection:	None
Storing temperature:	Ambient temperature max. 60° C
Storing class	None
Advice for storing together	None

### 8. Limitation to exposition and personal protection equipment

Further advice for creating technical plants:	None
Components with thresholds that have to be controlled (TRGS 900):	No limitation and exposition control.
Personal protection equipment, general protection and hygiene measures:	
Respirator:	Not necessary
Hand protection:	Not necessary
Eye protection:	Not necessary
Body protection:	Not necessary
Other:	Change contaminated clothes. Wash hands before breaks and after working. Do not eat and drink when working.

## 9. Physical and chemical specifications

Form:	Liquid
Colour:	Amber
Smell:	Like soap
PH-value:	6-8
PH-value 1%:	not defined
Boiling point:	Approx. 100° C
Flash point:	Not applicable
Ignition temperature:	Not applicable
Self ignition:	No
Charecteristics promoting burns:	No
Danger of explosion:	No
Explosion thresholds	Lower: --- Upper: ---
Density:	1,01 g / cm <sup>3</sup>
Solubility in water (20° C):	Whatever
Viscosity:	Viscous

## 10. Stability and reaction

Stability:	Stable under normal conditions
Products that have to be avoided:	None
Dangerous waste products:	None

## 11. Indications on the toxicology

Acute toxicology:	The product was not tested with animals.
Irritant effect skin:	None
Irritant effect eyes:	May slightly irritate.
Sensitisation:	Not sensitizing.
Sub-acute to chronic toxicology:	None
General remarks:	No classification after the calculation process in the ingredients guideline.

## 12. Indications on ecology

Indications on elimination (persistence and decomposition):	The product does not harm the environment. The product is readily biodegradable in accordance with OECD 301E / EEC 84/449 C3.
Bio accumulation	None
Eco-toxical effects:	None

## 13. Advice on disposal

Product:	Dispose in accordance with local regulation.
Unclean packaging:	Dispose in accordance with local regulation.

#### 14. Indications on transporting

##### ADR/RIP - GGVS/GGVE

Class: Zi:  
Warning-sign: Danger-No.: Product-No.:  
Designation:

##### ADR/ADNR

Class: Zl.: Kat.:  
Designation:

##### IMDG/GGVSee

Class: UN-No.: PG.No.:  
EmS-No.: MFAG: Marine Pollutant:  
Declaration:

##### ICAO-TI-IATA-DGR

Class: UN/ID-Nr  
PG.: PAC: CAC:

Declaration:

Further information: No hazardous good in the sense of the stated regulation.

#### 15. Regulations

EC classification: Not hazardous according to EU guidelines.  
Labeling: Needs no labeling.  
R-sentences: None  
S-sentences: None  
Indications for employees: None  
Incident regulation: None  
Classification after VbF: Not applicable  
Technical regulation air: Not applicable  
Water-endangering class: WGK 1

#### 16. Additional information

Responsible department: Technical product manager  
Contact person: Mr. Schuster  
Complete words of the R-  
sentences in chapter 3: 36 – Irritates the eyes  
38 – Irritates the skin

All information is based on today's knowledge and experience. The safety-sheet describes the product in the sense of safety requirements. All indications do not mean any assurance of features in the sense of quality descriptions.