

Product name: Fog fluids Designer Fog, Fast Fog, Fast Fog Extra III, Heavy Fog, Heavy Fog PLUS, Super Fog, Mister Fog, Scotty II Fog, Tour Hazer Fog, Crawling Fog, Basic Fluid, Premium Fluid, Battery Fluid

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## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: Fog fluids Designer Fog, Fast Fog, Fast Fog Extra III, Heavy Fog, Heavy Fog PLUS, Super Fog, Mister Fog, Scotty II Fog, Tour Hazer Fog, Crawling Fog, Basic Fluid, Premium Fluid, Battery Fluid

Registration number: Not applicable

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

Relevant identified use

of the substance or mixture: ---

Use: Fog and smoke simulation

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

Company name: Smoke Factory GmbH  
Schulze-Delitzsch-Str. 8A  
D-30938 Burgwedel

Telephone: +49 (0) 511 - 51 51 02 - 0

Fax: +49 (0) 511 - 51 51 02 - 22

Homepage: [www.smoke-factory.de](http://www.smoke-factory.de)

e-mail: [info@smoke-factory.de](mailto:info@smoke-factory.de)

Information on the substance/mixture: Mr Rincon, Tel.: +49(0)511-515102-0, [info@smoke-factory.de](mailto:info@smoke-factory.de)

### 1.4 Emergency number

Emergency number: +49 (0) 511 - 51 51 02 - 0 (Mon. - Fri., 09.00 a.m. - 5.00 p.m.)

Responsible: Mr Mario Rincon, Tel.: +49(0)511-515102-0, [info@smoke-factory.de](mailto:info@smoke-factory.de)

## Section 2: Potential hazards

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to the CLP Regulation.

### 2.2 Labelling elements

Labelling according to Directive (EU) 1272/2008

Hazard symbols: None

Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

Prevention: Not applicable

Reaction: Not applicable

Hazard-determining component for labelling: Not applicable

### 2.3 Other hazards

Physico-chemical hazards: See chapter 10.

## Section 3: Composition / Information on ingredients

### 3.2 Mixtures

Hazardous ingredients: Mixture of polyhydric alcohols

Does not contain any substances classified as hazardous according to EC 1272/2008.

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#### Section 4: First aid measures

##### 4.1 Description of first aid measures

General information: No acute hazards expected under normal use.

After inhalation: Provide fresh air. If symptoms occur, seek medical treatment.

After skin contact: Wash off immediately with soap and water.

After eye contact: Rinse thoroughly with plenty of water, also under the eyelids.  
Consult an ophthalmologist immediately.

After swallowing: Rinse mouth with water and drink plenty of water.  
Never give anything by mouth to an unconscious person.  
If swallowed, do not induce vomiting - seek medical advice.

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

Symptoms: For more information on symptoms and health hazards, see section 11.

Hazards: For more information on symptoms and health hazards, see section 11.

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

Treatment: Symptomatic treatment

#### Section 5: Firefighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media: Extinguish surrounding fire with foam, extinguishing powder, carbon dioxide or water spray.

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

Formation of hazardous gases is possible in case of fire  
Carbon monoxide (CO)  
Nitrogen oxides (NO<sub>x</sub>)

##### 5.3 Advice for firefighters

Special protective equipment for firefighting: Self-contained breathing apparatus

Further information: Wear protective equipment

#### Section 6: Accidental release measures

##### 6.1 Personal precautions:

Risk of slipping due to leaked / spilled product.  
Keep unprotected persons away.  
Provide adequate ventilation.

##### 6.2 Environmental precautions:

The product is not an environmentally hazardous substance.  
Do not allow to enter drains/surface water/ground water.

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

Take up with sand, earth or absorbent material and  
Dispose of according to local, official guidelines. (see point 13.)

#### Section 7: Handling and storage

##### 7.1 Precautions for safe handling

Advice on safe handling: Store in unbreakable containers (delivery containers).

Requirements for storage room and containers: Store only in closed containers. Containers must be clean, dry and rust-free.

##### Notes on fire and explosion protection

explosion protection: No special measures required, follow general rules of preventive fire protection.  
fire protection.

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Storage temperature: Ambient temperature max. 60oC

#### 7.2 Conditions for safe storage, taking into account incompatibilities

Information on storage in one common storage facility: Do not store together with oxidising agents

Do not store together with strong alkalis.

Storage class: 12

### **Section 8: Exposure controls / Personal protective equipment**

#### 8.1 Parameters to be monitored

Product may contain:

Ingredient: Glycerol, CAS 56-81-5

TRGS 900, AGW/ MAK: 55E mg/m3

#### 8.2 Exposure controls and monitoring

Respiratory protection: Required if limit values are exceeded.  
Respiratory protection in case of aerosol and mist formation if limit values are exceeded.

Hand protection: Gloves

Eye protection: Safety goggles recommended when decanting

Body protection: Work clothing

Additional information on the design

technical installations: None

Components with workplace related, to be monitored

limit values: None

### **Section 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state: Liquid

Form: Liquid

Colour: colourless colourless

Odour: neutral neutral

pH value: 6-8

pH-value 1%: not determined

Melting point: not determined

Boiling point: from 100 degrees C

Flash point: >140 degrees C

Ignition temperature: 355 degrees C

Spontaneous combustion: No

Oxidising properties: no

Explosion hazard: The product is not explosive, but the formation of explosive vapour/air mixtures is possible.

explosive vapour / air mixtures is possible

Explosion limits lower: 1.7 vol%

upper: 37 Vol%

Density: 1.04-1.15 g / cm3

Solubility in water (20° C): Any

Viscosity: low viscosity

Spontaneous flammability: not self-igniting

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## Section 10: Stability and reactivity

- 10.1 Reactivity: see section 10.3
- 10.2 Chemical stability: Stable under normal conditions
- 10.3 Possibility of hazardous reactions:  
Reacts with strong alkalis  
Reacts with oxidising agents
- 10.4 Conditions to avoid: None known
- 10.5 Incompatible materials: None known
- 10.6 Hazardous decomposition products:  
None known

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: The product has not been tested on animals.  
LD/LC 50 values relevant for classification:
- Irritant effect skin: Not irritant.
- Irritant effect eye: Not irritating.
- Sensitisation: Not sensitising.
- Specific target organ toxicity: Repeated exposure - Ingestion:  
Target organ: Kidney  
May cause damage to organs through prolonged or repeated exposure.

## Section 12: Environmental information

- 12.1 Toxicity  
No known ecotoxic effects.
- 12.2 Persistence and degradability:  
Information on degradability  
The product has no harmful effect on the environment.  
It is readily biodegradable according to OECD 301E / EEC 84/449 C3.  
Assessment: Readily biodegradable.  
With proper discharge of low concentrations into adapted biological sewage biological sewage treatment plants, interference with the degradation activity of activated sludge is not to be expected.
- 12.3 Bioaccumulative potential: No bioaccumulation
- 12.4 Mobility in soil: Transport and distribution between environmental compartments: not determined
- 12.5 Results of PBT and vPvB assessment:  
No data available
- 12.6 Endocrine disrupting properties  
Contains no ingredients with endocrine disrupting properties.
- 12.7 Other adverse effects: None known  
General information:  
WGK Water hazard class 1, slightly hazardous to water.  
Do not allow to enter ground water, water course or sewage system.  
into the sewage system.  
Must not be discharged undiluted or unneutralised into waste water or receiving waters into the receiving water.

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### Section 13: Information on disposal

#### 13.1 Waste treatment methods

Product: Recommendation: Can be disposed of in accordance with the regulations after consultation with the disposal company and the responsible authority together with household waste.

Waste code number: The assignment of the waste code number must be carried out in accordance with the EWC Ordinance for specific industries and processes.

Uncleaned packaging: Recommendation: Contaminated packaging should be optimally emptied, they can then be recycled after appropriate cleaning. Packaging that cannot be cleaned should be recycled after appropriate cleaning. Packaging that cannot be cleaned should be the substance.

### Section 14: Transport information

#### Sections 14.1 to 14.5

ADR No dangerous goods  
 ADN No dangerous goods  
 RID No dangerous goods  
 IATA No dangerous goods  
 IMDG No dangerous goods

#### 14.6 Special precautions for user

No special precautions

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No transport in bulk according to the IBC Code

### Section 15: Legal requirements

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

Information on employment restriction: None

Technical guidance air: Not applicable

Water hazard class: WGK 1 slightly hazardous to water (classification according to VwVwS, Annex 4)

Volatile organic compounds

VOC content: According to Directive 2004/42/EC or 1999/13/EC, no VOC components contained (VOC: 0.00%)

### Section 16: Other information

Department issuing the data sheet: Management  
 Contact person: Mr Mario Rincon

Exposure scenario: Professional fog fluid for the creation of short-term, artificial fog and show effects in the event industry, theatre and film production.  
 Taking into account the visibility and the desired effect, the fog fluid concentration in the air between 25 and max. 80 mg/m<sup>3</sup>.  
 In particular, the fog density must be dosed in such a way that exits and emergency exits in exits and emergency exits in closed rooms are always visible. The same applies to the lighting of escape routes, their markings, stairways, shafts, fall edges, etc.  
 Visibility of 25 metres (max. distance to the nearest exit according to VStättV) must be maintained.

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must be maintained. Only use in well-ventilated areas.  
In order to avoid anxiety, fogged rooms must never be closed.  
be closed off.

The product must be used properly and as supplied.  
Keep away from children and store out of reach.

This information is based on our current knowledge and experience. The safety data sheet describes products with regard to safety requirements. The information is not intended as a guarantee of properties in the sense of quality descriptions.

