

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 providing the safety data sheet

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

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

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

Homepage www.smoke-factory.de

E-Mail: info@smoke-factory.de

Information on the substance/mixture: Mr. Rincon, Tel.: +49 (0) 511 - 51 51 02 - 0, info@smoke-factory.de

1.4 Emergency number

Emergency number: +49 (0) 511 - 51 51 02 - 0 (Mon. - Fri., 9.00 - 17.00)

Responsible: Mr. Rincon, Tel.: +49 (0) 511 - 51 51 02 - 0, 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 Labeling elements

Labeling according to Directive (EU) 1272/2008

Hazard symbols: None

Signal word: Not applicable

Hazard warnings: Not applicable

Safety instructions: Not applicable

Prevention: Not applicable

Reaction: Not applicable

Hazard-determining component of labeling:
Not applicable

2.3 Other hazards

Physical and 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 to be expected under normal use.
After inhalation:	Provide fresh air. Seek medical treatment in case of complaints.
After skin contact:	Wash off immediately with soap and water.
After eye contact:	Rinse thoroughly with plenty of water, also under the eyelids.
See	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 - consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Information on immediate medical assistance or special treatment

Treatment:	Symptomatic treatment
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Section 5: Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents:	Ambient fire with foam, extinguishing powder, carbon dioxide or water spray jet.
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5.2 Special hazards arising from the substance or mixture

The formation of hazardous gases is possible in the event of fire
Carbon monoxide (CO)
Nitrogen oxides (NO_x)

5.3 Instructions for firefighting

Special protective equipment for fire fighting:	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.
Ensure 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 retention and cleaning

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

Section 7: Handling and storage

7.1 Protective measures for safe handling

Information on safe handling:	Store in unbreakable containers (delivery containers)
Requirements for storage space and containers:	Only store in closed containers Containers must be clean, dry and rust-free.
Notes on fire and Explosion protection:	No special measures required, general rules of preventive explosion protection fire protection regulations.

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Storage temperature: Ambient temperature max. 60°C

7.2 Conditions for safe storage taking into account incompatibilities

Information about storage in one common storage facility:

Do not store together with oxidizing 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: Glycerine, 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 for aerosol and mist formation if limit values are exceeded.

Hand protection: Gloves

Eye protection: Safety goggles recommended when decanting

Body protection: Work clothing

Additional notes on design

Technical equipment: 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
Color: colorless
Odor: neutral
pH value: 6-8
pH value 1%: not determined
Melting point: not determined
Boiling point: from 100degrees C
Flash point: >140 degrees C
Ignition temperature: 355 degrees C
Spontaneous combustion: no
Oxidizing properties: no

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

Explosion limits: lower: 1.7vol%
upper: 37 Vol%

Density: 1.04-1.15 g / cm³

Solubility in water (20° C): any

Viscosity: low viscosity

Spontaneous combustion: not spontaneously flammable

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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 oxidizing 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 irritant.
- Sensitization: Not sensitizing
- 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 ecotoxic effects known.

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 treatment plants are not expected to interfere with the degradation activity of activated sludge.

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 discharge into groundwater, bodies of water or drains can be reached.

Must not be discharged undiluted or unneutralized into waste water or the sewage system.

reach the receiving water.

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Section 13: Disposal instructions

13.1 Waste treatment processes

Product: Recommendation: Can be used in compliance with the necessary technical regulations after consultation with the waste disposal company and the responsible authority can be incinerated together with household waste.

Waste code number: The assignment of the waste code number is according to the EWC Ordinance on a sector- and process-specific basis.

Uncleaned packaging: Recommendation: Contaminated packaging should be emptied optimally, They can then be recycled after appropriate cleaning. be fed into the waste disposal system. Packaging that cannot be cleaned must be the material must be disposed of.

Section 14: Transport information

Sections 14.1 to 14.5

ADRNo	dangerous goods
ADN	No dangerous goods
RID	No dangerous goods
IATA	No dangerous goods
IMDG	Not dangerous goods

14.6 Special precautions for the user

No special precautions

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

No transportation as bulk goods according to the IBC Code

Section 15: Legislation

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

Mixture

Notes on the employment

restriction: None

Technical Instructions on Air: Not applicable

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

Volatile organic compounds

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

Section 16: Other information

Data sheet issuing area: 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, theater 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/m³.
In particular, the fog density must be dosed in such a way that exits and emergency exits in are always visible in closed rooms. The same applies to the lighting of
Escape routes, their markings, stairways, shafts, fall edges, etc.
Visibility of 25 m (max. distance to the nearest exit according to VStättV) are
must be observed. Only use in well-ventilated areas.
In order to avoid anxiety, fogged rooms must never be
be closed.

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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.

