

Material Safety Data Sheet According to European Directive No. 1907/2006/EC

Product name: Fog fluids "Designer Fog", "Fast Fog", "Heavy Fog", "Heavy Fog Plus",
"Super Fog", "Tour Hazer Fog", "Scotty II Fog", "Mister Fog"

Date of Printing: 01.01.2014

Reviewed on: 01.01.2014

1. Substance, Composition and Company Identification and Details

Registration No.: Inapplicable

Application Range: Fog- and Smoke Simulation

Identified Usage: None

Manufacturer / Distributor: Fog, Smoke & Haze Factory GmbH
Schulze Delitzsch Strasse 8A
D-30938 Burgwedel

Phone: ++49 (0)511-5151020

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Homepage: <http://www.smoke-factory.de>

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Emergency Number: ++49-(0)511-5151020 (Mo. – Fr., 9 am – 5 pm)

Site Point of Contact: Mr. Rincon, Phone: ++49 (0)511-5151020, info@smoke-factory.de

2. Potential Risks

Physicochemical risks: Vide infra sub. 10

Human Health Hazards: None identified

Environmental Perils: None identified

Other Hazards: None

Miscellaneous: According to EC criteria this product is labeled "not dangerous"

R-Phrases: None

3. Composition and Information on Ingredients

Chemical classification: Mixture of polyvalent alcohol and water

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4. First Aid Measures

General Information: No specific hazards under normal use conditions

Inhalation: Move affected person into fresh air. If symptoms persist, obtain medical advice.

Skin Contact: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

Eye Contact: Flush eye with copious quantities of water.

Ingestion : Drink water. If symptoms persist, obtain medical advice.

5. Fire Fighting Measures

Extinguishing Media: Product is incombustible. Foam, chemical powder, carbon and water spray can be used for surrounding fire.

Special hazards arising from substance, combustion products or gases: None identified

Special protective fire fighting equipment: Do not inhale explosion and combustion gases. Use breathing gear which does not rely on ambient air.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Particular danger of slipping on leaked/spilled product. Maintain sufficient air supply.

Environmental Precautions: The product does not contain hazardous materials. Prevent from spreading or entering into waterways, sewers, basements or confined areas.

Methods for cleaning up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and dispose of according to local regulations.

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7. Handling and Storage

Advices on safe handling: Only use break-proof containers (delivery containers).

Requirements for storage rooms and vessels: Store in tightly closed containers only. Containers must be clean, dry and stainless

Precautions against fire and explosion: No measures necessary .

Storage temperature: Ambient temperature max 60 °C

Storage class: None

Hints on joint storage: None

8. Exposure controls

Additional information on plant design: None

Ingredients with limit values that require monitoring at the workplace:

CAS-No.	Name	MAK/AGW	mg/m3	
56-81-5	Glycerine	X	55E	

Respiratory Protection: None

Hand Protection: None

Eye Protection: None

Personal Protection: None

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Miscellaneous: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. Don't eat and drink during working hours.

9. Physical and chemical Properties

Physical state: Liquid

Color: Translucent

Odour: Odourless

pH-Value: 6-8

pH-Value 1%: Not defined

Boiling Point: 100 °C

Burning Point: > 140 °C

Ignition Temperature: > 355 °C

Pyrophoricity: No

Oxidizing characteristics: No

Danger of Explosion: None

Explosion limits (LEL, UEL)

Lower explosion limit (Vol-%): 1,7 Vol.%

Upper explosion limit (Vol-%): 37 Vol%

Water solubility (20 °C): Arbitrary

Viscosity: Low viscosity

10. Stability and Reactivity

Stability: Stable under normal circumstances

Materials to avoid: Oxidising agent

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Hazardous decomposition
products: None

11. Toxicological information

Acute effects: Specific symptoms have not been tested in animal studies.

Irritant skin effects: Not irritant

Irritant eye effects: Not irritant

Sensitisation: No

Sub-acute to chronic toxicity: None

Additional information: No categorizing according to the Dangerous Preparations Directive

12. Ecological information

Persistence and
Degradability: The product has no ecological impact. According to
EOCD 301E/EEC 84/449 C3 it is well ecological degradable.

Bioaccumulative potential: None

Ecotoxic effects: None known

13. Disposal considerations

Product: Dispose of waste according to applicable local, state, and federal
regulations.

Unclean Package: Dispose of waste according to applicable local, state, and federal
regulations.

14. Transport information

ADR/RIP - GGVS/GGVE

Class: Zi.:

Hazard label: Classification code: Substance Code:

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Name:

ADR/ADNR

Class: Classification code: Substance Code:

Name:

IMDG/GGVSee

Class: UN-No: PG.Nr.

EmS-No.: MFAG: Marine Pollutant:

Declaration:

ICAO-TI-IATA-DGR

Class: UN/ID-Nr.:

PG.: PAC: CAC:

Declaration:

Additional Information: No dangerous good in sense of this transport regulation.

15. Regulatory information

EC-Classification: According to EC criteria Product is not dangerous.

Labeling: No labeling obligation

R-Phrases: None

S-Phrases: None

Restrictions of occupation: None

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Statutory Order on
Hazardous Incidents: None

Classification according
to Vbf??? Not applicable

Water hazard class (WGK): Weakly water-endangering (WGK 1)

Safety Sheet issued by: Company Management

Site Point of Contact: Mr. Rincon

Full wording of the
R-Phrases in Chapter 3: None

Scenario of Exposition: Professional fog fluid for generating short-term, artificial fog and show-Effects in the Show business, the theatre and Movie production. If putting the range of sight and the desired effect into consideration the concentration of the fog fluid has to be dosed between 25 and 80 mg/m³. Particularly the density of the fog has to be dosed in such a way that exits and emergency exits in enclosed rooms stay permanently visible. The same is valid for the illumination of escape lightings, their marks, stairways, shafts, building edge asf. The range of visibility between the fog generator and the next exit has to be at least 25m. Just use in well ventilated areas. To avoid paranoia an anxiety states never lock up rooms where fog is generated. The product has to be used according to its intentional purpose and in the state of delivery. Children have to stay away from the product. It must be unreachable for them.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.