

MATERIAL SAFETY DATA SHEET - DRAIN-FOG



according to regulation (EC) No. 1907 / 2006 (REACH) // changed by decree (EU) 453/2010

Product name:	Fogging fluid DRAIN-FOG
Date of printing:	21.09.2023
Date of adaption:	21.09.2023
Others:	Facultative Safety Data Sheet

1. NAME OF THE MATERIAL OR MIXTURE AND COMPANY IDENTIFICATION

1.1 PRODUCT IDENTIFICATOR

Material name/Product name:	Fogging fluid DRAIN-FOG
Indes-Nr.:	none
EG-Nr.:	none
CAS-Nr.:	none
REACH-Registration No.:	inapplicable

1.2 RELEVANT IDENTIFIED USE OF THE MATERIAL OR MIXTURE AND DISADVISED USES

Use:	Fog und smoke simulation
Identified use:	None

1.3 INFORMATION ON THE SUPPLIER WHICH PROVIDES THE MATERIAL SAFETY DATA SHEET

Supplier:	Ehle-HD Entwicklungs- und Vertriebsgesellschaft mbH Gewerbestraße 2 D-04827 Machern OT Gerichshain, Phone: +49 (0) 34 292 . 654-20 Fax: +49 (0) 34 292 . 654-21 Homepage: www.ehle-hd.com Email: service@ehle-hd.com
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1.4 EMERGENCY CALL

Emergency call:	+49 (0) 34 292 . 654-20 (Mon - Fri 8.00 am - 4.00 pm)
Cognisant:	Ms. Di Dia, Tel. +49 (0) 34 292 . 654-20, service@ehle-hd.com
Responsible poison information center:	Charité Berlin +49 (0) 30 . 19 24 0 / +49 (0) 30 . 30 68 6-711

2. POSSIBLE RISKS

2.1 CLASSIFICATION OF THE MATERIAL OR MIXTURE

According to Regulation (EC) No 1272/2008.
Not classified according to CLP Regulation.

2.2 LABELING ELEMENTS

According to Regulation (EC) Nr. 1272/2008 (substances)	
Pictogram / Danger symbol:	--
Signal word:	--
Hazard-determining components for labelling:	--
Other labelling elements:	--

2.3 OTHER HAZARDS

Physical-chemical risks:	See chapter 10.
Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable
Health hazards:	No particular hazards known
Environment hazards:	No special hazards known
Others:	Not classified as dangerous according to EU criteria.

3. COMPOSITION / INFORMATION OF INGREDIENTS

3.1 SUBSTANCES

The products are mixtures

3.2 MIXTURES

Chemical characterization:	Mixture of polyhydric alcohols and water
Ingredients comments:	No hazardous ingredients contained.

4. FIRST - AID - MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURES

After inhalation	Seek medical treatment if symptoms occur.
After skin contact:	Wash off with soap and water.
After eye contact:	Rinse with water, seek medical attention if symptoms occur.
After ingestion:	Consult a doctor in case of discomfort.
General information:	No acute hazards expected under normal use.

4.2 IMPORTANT ACUTE AND DELAYED SYMPTOMS AND EFFECTS

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4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

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5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media:	The product is not flammable. Extinguish surrounding fire with foam, extinguishing powder, carbon dioxide or water spray.
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Extinguishing media unsuitable for safety reasons:
None

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous vapors/gases may be generated in case of fire: Carbon monoxide, Carbon dioxide

5.3 ADVICE FOR FIREFIGHTERS

Stay in the danger zone only with self-contained breathing apparatus. Cool endangered containers with spray water from a safe distance. Prevent penetration of extinguishing water into surface and ground water and soil.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES.

Risk of slipping due to leaked / spilled product.

6.2 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

The product is not an environmentally hazardous mixture.
Do not allow to enter drains/surface waters/groundwater..

6.3 PROCEDURE FOR CLEANING AND ABSORPTION

Absorb with sand, soil or absorbent material and Dispose of in accordance with local regulatory guidelines. Absorb small quantities (up to approx. 1 ltr.) with plenty of water and dispose of in the sewerage system.

6.4 REFERENCE TO OTHER SECTIONS

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7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Store in shatterproof containers (delivery containers).

7.2 CONDITIONS FOR SAFE STORAGE, TAKING INTO ACCOUNT INCOMPATIBILITIES

Requirements to be met by storerooms and containers:

Store only in closed containers. Containers must be clean, dry and rustproof.

Information about protection against fire and explosion protection:

No special measures needed

Storage temperature:

Ambient temperature max. 60°C

Storage class:

None

Information on storage in one common storage facility:

None

7.3 SPECIFIC USE

Fog- and smoke simulation

8. EXPOSURE CONTROLS / PERSONELL PROTECTION EQUIPMENT

8.1 PARAMETERS TO BE MONITORED COMPONENTS WITH WORKPLACE RELATED LIMIT VALUES TO BE MONITORED LIMIT VALUES:

None

8.2 EXPOSE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Additional information on the design of technical equipment:

None

PERSONELL PROTECTION, GENERAL PROTECTION- AND HYGIENE MEASUR

Respiratory protection:

Not needed

Hand protection:

Not needed

Eye protection:

Not needed

Body protection:

Not needed

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state:	liquid
Colour:	clear, colourless
Odour:	neutral
Melting point / Freezing point:	< -10°C
Flammability:	not applicable
pH:	6-8
pH 1%:	not appointed
Boiling point:	from 100° C
Flashing point:	> 100°C
Ignition temperature:	not determined
Decomposition temperature:	not determined
Autoflammability:	no
Oxidising properties:	no
Explosion hazard:	none
Explosion range	lower: not determined upper: not determined
Vapor pressure at 20°C:	not determined
Density:	1,04 - 1,10 g / cm ³
Solubility in water (20° C):	any
Viscosity:	low viscosity

9.2 OTHER INFORMATIONS

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10. STABILITY AND REACTIVITY

10.1 REACTIVITY

Reacts with strong oxidizing agents.

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBLE HAZARDOUS REACTIONS

When used as directed no dangerous reactions are to be expected.

10.4 CONDITIONS TO BE AVOID

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10.5 INCOMPATIBLE MATERIALS

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10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None

11. TOXICOLOGICAL DATA

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:	The product has not been tested on animals.
Irritation:	Not-irritant
Corrosivity:	Not corrosive.
Sensitization:	Not sensitizing.
Repeated dose toxicity:	None
Carcinogenicity:	None
Mutagenicity:	None
Reproductive Toxicity:	None
General remark:	No classification

11.2 ENDOCRINE DISRUPTING PROPERTIES:

Not applicable

12. ECOLOGICAL DECLARATIONS

12.1 TOXICITY	No toxic effect known.
12.2 PERSISTENZ AND BIODEGRADABILITY	The product is not harmful to the environment. It is readily biodegradable according to OECD 301E / EEC 84/449 C3.
12.3 BIOLOGICAL ACCUMULATION	No biological accumulation
12.4 MOBILITY IN SOIL	--
12.5 RESULTS OF PBT AND vPvB ASSESSMENT	Criteria for classification as PBT or vPvB are not met
12.6 ENDOCRINE DISRUPTING PROPERTIES	Contains no ingredients with endocrine disrupting properties
12.7 OTHER ADVERSE EFFECTS	None

13. DISPOSAL ADVICES

13.1 WASTE TREATMENT METHODS	
Product:	Dispose of in accordance with local regulations.
Uncleaned packaging:	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 UN-NUMBER	none
14.2 UN PROPER SHIPPING NAME	ADR / RID: -- IMDG-Code: -- ICATO-TI / IATA-DGR: --
14.3 TRANSPORT HAZARD CLASSES	ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR: --
14.4 PACKING GROUP	--
14.5 ENVIROMENTAL HAZARDS	Enviromentally hazardous substances ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR: None Marine Pollutant: None
14.6 SPECIFIC PRECAUTION FOR THE USER	--
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND ACCORDING TO IBC CODE	The product is to be delivered exclusively in transport-approved and suitable packaging.

15. REGULATIONS

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / SPECIFIC LEGISLATION FOR THE SUBSTANCE OR MIXTURE

EU regulations

Regulation (EC) No. 1005/2009 (substances that deplete the ozone layer)
Not applicable

Regulation (EC) No 850/2004 (Persistent organic substances)
Not applicable

Regulation (EC) No. 689/2008 (Export and import of dangerous chemicals)
Not applicable

Regulation (EC) No. 648/2004 (Detergents Regulation)
Not applicable

- Authorizations according to Title VII of Regulation (EC) No 1007/2006
None

Restrictions according to Title VIII of Regulation (EC) No 1907/2006
None

National regulations Water hazard class
Class 1

Reference to technical rules for hazardous substances (TRGS)
Not applicable

Solvent regulation (31.BImSchV)
VOC content: 0.0

15.2 CHEMICAL SAFETY ASSESSMENT --

- **16. OTHER**

Datasheet issuing division: Company management
Contact: Ms Di Dia

Exposition 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 is to be dosed between 25 and max. 80 mg/m³. In particular, the fog density is to be dosed in such a way that exits and emergency exits in closed rooms are always visible. The same applies to the illumination of escape routes, their markings, stairway exits, shafts, fall edges, etc. Visibility distances of 25 m (according to VStättV max. distance to the next exit) are to be observed. With a view to avoiding anxiety states, fogged rooms must never be locked. The product is to be used properly and in the condition in which it was delivered. Keep away from children and store out of reach.

This information is based on our present knowledge and experience. The safety data sheet describes products with regard to safety requirements. The information does not have the meaning of an assurance of properties in the sense of a quality description.