

Material Safety Data Sheet according to decree (EG) 1907 / 2006

Product name: Fog liquid : Aqua Low Fog light , Aqua Low Fog standard, Aqua Haze
Date of printing: 15.09.2023
Date of adaption: 15.09.2023
Others: Facultative Safety Data Sheet

1. Name of the material or mixture and Company Identification

1.1 Product identifier

Material name/Product name: Fog liquid: Aqua Low Fog light , Aqua Low Fog standard, Aqua Haze
Indes-Nr.: none
EG-Nr.: none
CAS-Nr.: none
REACH-Registrierungsnummer: inapplicable

1.2 Relevant identified use of the material or mixture and disadvised uses

Use: Fog- and smoke simulation
Identified use: none

1.3 Particulars about the supplier who provides the Safety Data Sheet

Manufacturer / Supplier: MT-ELECTRONIC GmbH
Am See 56
A-2443 Deutsch-Brodersdorf
Phone: +43 699 12334455
Fax:
Homepage: www.mt-electronic.com
E-Mail: office@mt-electronic.com

1.4 Emergency call

Emergency call: +43 699 12334455 (Mo. - Fr., 10.00 - 18.00 Uhr)
Cognisant: Mr. Tomazetich, phone.: +43 699 12334455, office@mt-electronic.com

2. Possible risks

2.1 Classification of the substance or mixture

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

2.2 Labeling elements

According to Regulation (EC) No. 1272/2008 (substances)

Pictogram / Hazard symbol: ---
Signal word: ---
Hazard-determining components
For labeling: ---
Other labeling elements: ---

2.3 Other hazards

Physico-chemical hazards: See Chapter 10.
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

Health Hazards: No particular hazards known
Environmental hazards: No special hazards known

Other Not classified as dangerous according to EU criteria.

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3. Composition / Information on ingredients

3.1 Substances

The products are mixtures

3.2 Mixtures

Chemical characterization: Mixture of polyhydric alcohols and water

Ingredient comments: No hazardous ingredients contained.

4. First - aid - measures

4.1 Description of 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

4.3 Indication of any immediate medical attention and special treatment needed

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.

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 Environmental precautions

The product is not an environmentally hazardous mixture.

Do not allow to enter drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

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 required

Storage temperature: Ambient temperature max. 60°C

Storage class: None

Information on storage in one

common storage facility: None

7.3 Specific end uses

Fog and smoke simulation

8. Exposure controls / Personal protective equipment

8.1 Parameters to be monitored

Components with workplace

related limit values to be monitored

limit values: None

8.2 Exposure controls / Personal protective equipment

Additional information on the design of

technical equipment: None

Personal protective equipment, general protective and hygienic measures:

Respiratory protection: Not required

Hand protection: Not required

Eye protection: Not required

Body protection: Not required

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: liquid

Color: clear, colorless

Odor: neutral

Melting point/Freezing point: < -10°C

Flammability: not applicable

pH value: 6-8

pH-value 1%: not determined

Boiling point: from 100°C

Flash point: > 100°C

Ignition temperature: not determined

Decomposition temperature: not determined

Autoflammability: no

Oxidizing properties: no

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Explosion hazard: none
Explosion limits lower: not determined
upper: not determined
Vapor pressure at 20°C: not determined
Density: 1,04 - 1,10 g / cm³
Solubility in water (20°C): any
Viscosity: low viscosity

9.2 Other information

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 avoid

10.5 Incompatible materials

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: Non-irritant.
Corrosivity: Not corrosive.
Sensitization: Not sensitizing.
Repeated dose toxicity: None
Carcinogenicity: None
Mutagenicity: None
Reproductive Toxicity: None
General remark: No classification

11.2 Information on other hazards

Endocrine disrupting properties: Not applicable

12. Environmental information

12.1 Toxicity

No toxic effect known

12.2 Persistence and degradability

The product has no harmful effect on the environment.
It is readily biodegradable according to OECD 301E / EEC 84/449 C3.

12.3 Bioaccumulative potential

No bioaccumulation

12.4 Mobility in soil

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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 instructions

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: ---

ICAO-TI / IATA-DGR: ---

14.3 Transport hazard classes

ADR/RID/IMDG-Code/ICAO-TI/IATA-DGR: ---

14.4 Packing group

14.5 Environmental hazards

Environmentally hazardous substances

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: No

Marine Pollutant: No

14.6 Special precautions for 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.

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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. Others

Data sheet issuing department: Management

Contact person: Mr. Tomazetich

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 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.