

Material Safety Data Sheet according to decree (EG) 1907 / 2006
(changed by decree (EU) 453/2012)
Product name: Fog liquid "AQUA LOW FOG", "AQUA HAZE", "MT-ELECTRONIC"
Date of printing: 2.11.2018
Date of adaption: 2.11.2018
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 FLUID"
"AQUA HAZE FLUID"
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

Supplier: MT-ELECTRONIC
Uferpromenade 15
AT-2325 Himberg
Phone: +43 699 12334455
Homepage: www.mt-electronic.com
E-Mail: office@mt-electronic.com

2. Possible risks

2.1 Categorisation of the material or mixture

Appropriate to decree (EG) Nr. 1272/2008, addition VII (Materials):
Not categorised
Appropriate to rule 67/548/EWG or rule 1999/45/EG (Materials or Mixtures):
Not categorised

2.2 Marking

Appropriate to decree (EG) Nr. 1272/2008 (Materials)
Pictogram/Danger symbol: --
Signal word: --
Danger components
for the labelling: --
Danger advice/R-Sentences: --
Security advice/S-Sentences: --
More labelling elements: --

2.3 Other risks

Physical-chemical risks: See chapter 10.
Risks for human health: No special risks known
Risks for the environment: No special risks known
Other risks: none
Others: Not classified as dangerous concerning to EU criteria.

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3. Composition / Declaration of ingredients

3.1 Materials

The products are mixtures

3.2 Mixtures

Contains one or more of: 1,1'-Oxydi-2-propanol CAS 110-98-5, Propan-1,2,3-triol CAS 56-81-5
2,2'-(Ethylenedioxy)diethanol CAS 112-27-6, 1,2-Propanediol CAS 57-55-6, Demineralized Water CAS 7732-18-5

4. First Aid Measures

4.1 Description of the First Aid Measures

After inhaling

the non-vaporized/solvent liquid: Obtain medical attention in case of any irritation.

In contact with skin: Rinse with water and soap

In contact with eyes: Rinse with water, obtain medical attention in case of any irritation.

If swallowed: Obtain medical attention in case of any irritation.

General advice: If used in common way no acute risks to be due.

4.2 Important acute and delayed symptoms and effects

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4.3 Advices for immediate medical help or special care

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5. Fire fighting measures

5.1 Extinguishing device

Applicable extinguishing device: The product is incombustible.
Extinguish surrounding fire with foam, extinguish powder, carbon dioxide or water.

5.2 Special risks caused by the material, its burning products or arising gas

No special risks known.

5.3 Special protective equipment for extinguishing device

Explosions- and burning gases should not be inhaled. The fire fighting water should not be attained to the sewerage system/surface water or ground water.

6. Accidental release measures

6.1 Personell precaution measures

Slip hazard due to spilled or leaked product.

6.2 Environment protection measures

The product is not harmful to the environment.
Not to be attained to the sewerage system/surface water/ground water.

6.3 Procedure for cleaning and absorption

Absorbe with sand, ground or absorbent material and dispose according to local, administration directive. Small amounts (up to 1 liter) can be deluted with lots of water and can be disposed into the canalisation.

6.4 Advice at other chapters

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7. Handling and storage

7.1 Advice for safe handling

Store in non-breakable canisters (supplied canister).

7.2 Specification of storage room and canister

Storage room and canisters: Store only in closed canisters.
Canisters have to be clean, dry and rust-free.

Advice for fire- and explosion prevention: No special measures needed
Storage temperature: Ambient temperature max. 60°C
Storage class: None
Advice for storage with other components: None

7.3 Specific use

Fog- and smoke simulation

8. Exposure controls / Personell protection

8.1 Additional advices

Additional advices for configuring technical Equipment: None
Ingredients causing work place limit value: None

8.2 Personell protection, general protection- and hygiene measures

Inhalation protection: Not needed
Hand protection: Not needed
Eye protection: Not needed
Body protection: Not needed

9. Physical and chemical characteristics

Physical state: liquid
Colour: clear, colourless
Odour: neutral
pH: 6-8
pH 1%: not appointed
Boiling point: from 100° C
Flashing point: not appointed
Ignition temperature: not appointed
Self-ignition: no
Oxidising attributes: no
Explosion hazard: none
Explosion range lower: -
upper: -
Density: 1,04 - 1,10 g / cm³
Solubility in water (20° C): arbitrary
Viscosity: low viscosity

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10. Stability and Reactivity

10.1 Reactivity

Reacts with strong oxidants.

10.2 Chemical stability

Solid under normal conditions.

10.3 Possible dangerous reactions

No dangerous reactions if used like advised.

10.4 Conditions to be avoided

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10.5 Incompatible materials

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10.6 Dangerous decomposition products

None

11. Toxicological declarations

11.1 Declaration concerning toxicological effects

Acute toxicity: The product has not been tested on animals.
Skin irritation: Not irritating.
Eye irritation: Not irritating.
Sensitivity: Not sensitiv.
Sub acute to chronic toxicity: None
General: No classification due to analysis of the preparation directive.

12. Ecological declarations

12.1 Toxizität

No toxic effect known.

12.2 Persistenz and biodegradability

The product is not harmful to the environment.
Biodegradable according to OECD 301E / EEC 84/449 C3.

12.3 Biological accumulation

No biological accumulation

13. Disposal advices

Product: Dispose according to local, administration directive.
Uncleaned packaging: Dispose according to local, administration directive.

14. Transport information

14.1 UN-number

None

14.2 Correct UN-shipping label

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

14.3 Dangerous material class for transport

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

14.4 Packing group

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14.5 Ecological menace

Marking of materials that are dangerous for the environment
ADR/RID/IMDG-Code/ICAO-TI/IATA-DGR: None
Marine Pollutant: None

14.6 Specific precaution for the user

14.7 Bulk material shipping according to addition II of the MARPOL-agreement 73/78 and the IBC-Code
Selled only in packages/canisters that are allowed for shipping.

15. Statutory provisions

EU-categorisation: Classified as not dangerous according to EU criteria.
Labelling: No label needed.
R-Sentences: None
S-Sentences: None
Advices concerning an activity limit: None
Statuory order on hazardous incidents: None
Classification VbF: Not applicable
Technical direction air: Not applicable
Water hazard class: WGK 1

16. General

Exposition scenario: Professional fog liquid to produce artifical fog and show effects for events, theatres and film productions.
The concentration of fog liquid should be between 25 und max. 80 mg/m³ concerning to the desired effect.
The density of the fog in the air should be is allotted in a way that exits and emergency exits be visible at all time. The same should be obtain for the lighting and check marks of escape routes, stairs and so on.
The product must be used appropriate as delivered.
Keep out of the reach of children.

These statements are based on the knowledge and experience we have today. The Safety Data Sheet describes prodcts as to security demands. The statements do not have the meaning of characteristic assurance in terms of quality descriptions.