

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

Product name: **Fog liquid „Aura-Fluid“**  
Date of printing: 02.07.2026  
Date of adaption: 02.07.2026  
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 „Aura-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**

Manufacturer / Supplier: Ottec Technology GmbH  
Buenteweg 33  
DE-30989 Gehrden  
Phone: +49-(0)5108-642270-0  
Fax: +49-(0)5108-642270-99  
Homepage: [www.ottec.com](http://www.ottec.com)  
E-Mail: [info@ottec.com](mailto:info@ottec.com)

**1.4 Emergency call**

Emergency call: +49-(0)5108-642270-0 (Mo. - Fr., 8.00 - 17.00 Uhr)  
Cognisant: Mr. Jurisch, phone.: +49-(0)5108-642270-0, [info@ottec.com](mailto:info@ottec.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, do not contain nanoforms.

**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**

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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.  
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 / cm<sup>3</sup>  
Solubility in water ( 20°C): any  
Viscosity: low viscosity

**9.2 Other information**

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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 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: 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**

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**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**

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**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**

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**16. Others**

Data sheet issuing department: Management

Contact person: Mr. Jurisch

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/m<sup>3</sup>.

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.