

## Fog fluid/haze fluid

### Section 1: Identification of the substance or the mixture and of the company

#### 1.1 Product identifier

Trade name: Stairville E Fluid  
Stairville E-C Fluid  
Stairville E-HD Fluid  
Stairville E-M Fluid  
Stairville Fast Fog Fluid  
Stairville RDF Regular DJFluid  
Stairville PHF Pro Haze Fluid  
Stairville PSS ZR Fog Fluid  
Stairville Haze fluid Water Based

Registration number: Not applicable

#### 1.2 Relevant identified use of the substance or mixture, and uses that are not recommended

Relevant identified use of the substance or mixture: ---  
Use: Fog and smoke simulation

#### 1.3 Details of the supplier of the safety data sheet

Company name: Thomann GmbH  
Hans-Thomann-Straße 1  
D-96138 Burgebrach

Phone: +49 (0)9546 9223-0  
Fax: +49 (0)9546 9223-24  
Website: www.thomann.de  
Email: kundenservice@thomann.de

Information about substance/mixture: Quality management, phone: +49 (0)9546 9223-1130

#### 1.4 Emergency number

Emergency number: ---

### Section 2: Possible hazards

#### 2.1 Classification of the substance or mixture

Classification acc. to regulation (EU) no. 1272/2008: The product is not classified as hazardous acc. to CLP regulation.

#### 2.2 Labelling elements

Labelling acc. to EU Directive 1272/2008: The product is not subject to specific labelling acc. to EU directives.

#### 2.3 Other hazards

Physico-chemical hazards: See section 10.  
Health hazards: No particular hazards known.  
Environmental hazards: No particular hazards known.  
Other hazards: None  
Other: Not classified as hazardous acc. to EU criteria.

### Section 3: Composition / information on ingredients

#### 3.1 Mixtures

Chemical characterisation: Polyvalent alcohols  
Other ingredients: Aqua.Bidest.  
Does not contain hazardous components

## Section 4: First aid measures

### 4.1 Description of the first aid measures

General information:	During normal use, acute hazards are not to be expected.
After inhaling:	Seek medical treatment in case of symptoms.
After skin contact:	Wash with water and soap.
After eye contact:	Rinse out with water, in case of symptoms seek medical treatment.
After swallowing:	In case of symptoms, seek medical treatment.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No symptoms known
Hazards:	No hazards known

### 4.3 Indications that immediate medical attention or special treatment is needed

Treatment:	Symptom-related
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## Section 5: Fire-fighting measures

### 5.1 Extinguishing agent

Appropriate extinguishing agents:	Extinguish a surrounding fire with foam, powder, carbon dioxide or water spray.
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### 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible in case of fire  
Carbon monoxide (CO)  
Nitrogen oxide (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Special protective equipment for firefighters:	Breathing apparatus with independent air supply
Other advice:	Wear protective equipment

## Section 6: Accidental release measures

### 6.1 Person-related safety precautions:

Risk of slipping due to leaked/spilled product.  
Keep unprotected persons away.

### 6.2 Environmental measures:

The product is not a hazardous substance.  
Do not allow to get into sewage system/surface water/ground water.  
If the product enters into the sewage system or aquatic environment, inform the respective authorities.  
If the product penetrates the ground, inform the respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Absorb with sand, earth or absorbent material and dispose of according to local regulations (see section 13).

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Information for safe handling:	Store in unbreakable containers (delivery containers).
Requirements for storage facilities and containers:	Store only in closed containers. Containers must be clean, dry, and free of rust.
Information on fire and explosion protection:	No particular measures required. Follow the general rules of preventive fire safety.
Storage temperature:	Ambient temperature max. 60°C

## 7.2 Conditions for safe storage, including any incompatibilities

Information on storage

with other products: Do not store with oxidising agents  
Do not store with strong alkalis.

Storage class: ---

## **Section 8: Limitation and monitoring of exposure / personal protective equipment**

### 8.1 Control parameters

Exposure limits: There are no exposure limits for the product.

DNEL/DMEL values: Not available

PNEC values: Not available

### 8.2 Limitation and monitoring of exposure

Respiratory protection: Not required

Hand protection: Not required

Eye protection: Not required

Body protection: Not required

Additional information about design  
of technical facilities: None

Components with limit values that  
require monitoring at the workplace: None

## **Section 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state: liquid

Form: Liquid

Colour: clear

Smell: neutral

pH value: 6 - 8

pH value 1%: not determined

Boiling point: As of 100°C

Flash point: not determined

Ignition temperature: not determined

Auto-flammability: no

Oxidising properties: no

Explosion hazard: The product is not explosive.

Explosion limits: lower: ---

upper: ---

Density: 1.04 - 1.10 g/cm<sup>3</sup>

Solubility in water (20° C): in all proportions

Viscosity: thin liquid

## **Section 10: Stability and reactivity**

10.1 Reactivity See section 10.3

10.2 Chemical stability Stable under normal conditions

10.3 Potential hazardous reactions Reacts with strong alkalis.  
Reacts with oxidising agents.

10.4 Conditions to avoid None known

10.5 Materials to avoid None known

10.6 Hazardous decomposition products None known

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity:	The product has not been tested on animals.
Irritant effect skin:	Not irritant
Irritant effect eye:	Not irritant
Sensitisation:	Not sensitising
Subacute to chronic toxicity:	None

### 11.2 Endocrine disrupting properties

Does not contain any substances with endocrine disrupting properties.

## Section 12: Ecological Information

### 12.1 Toxicity

No ecotoxicological effects known.

### 12.2 Persistence and degradability

Information about degradability:  
The product does not have any harmful impact on the environment.  
It is readily biodegradable according to OECD 301E / EEC 84/449 C3.  
If low concentrations are properly discharged into adapted biological wastewater treatment plants, disturbances of the degradation activity of activated sludge are not to be expected.

### 12.3 Bioaccumulation potential

No bioaccumulation

### 12.4 Mobility in soil

Transport and distribution between environmental compartments:  
not determined

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

None known  
General information:  
Does not contain any substances with endocrine disrupting properties.  
Water hazard class 1: Slightly hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Must not be discharged undiluted or un-neutralised into waste water or drainage systems.

## Section 13: Notes on disposal

### 13.1 Waste treatment processes

Product:	Recommendation: Can be incinerated together with household waste in accordance with the necessary technical regulations after consultation with the disposal company and the competent authority.
Waste disposal code:	Waste disposal codes are assigned according to the European Waste Catalogue (EWC) depending on the sector and process type.
Contaminated packaging:	Recommendation: Contaminated packaging should be emptied as far as possible. It may be recycled after thorough and proper cleaning. Packaging that cannot be cleaned must be disposed like the product.

**Section 14: Transport information**Sections 14.1 to 14.5

ADR	No hazardous material
ADN	No hazardous material
RID	No hazardous material
IATA	No hazardous material
IMDG	No hazardous material

14.6 Special user precautions

No special precautions

14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

No transport in bulk according to IBC Code

**Section 15: Regulatory framework**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EC classification:	Not classified as hazardous acc. to EU criteria.
Labelling:	Not subject to labelling requirements.
R phrases:	None
S phrases:	None
Note about employment restriction:	None
Technical instructions (air):	Not applicable
Water hazard class:	WHC 1 – Slightly hazardous for water
Volatile organic compounds	
VOC content:	No VOC components contained according to Directive 2004/42/EC (VOC: 0.00 %)

**Section 16: Other information**

Department issuing data sheet:	Quality management
Contact:	Lighting department, phone: +49 (0)9546 9223-347
Exposure scenario:	Professional fog fluid for generating quick and artificial fog and show effects in the event sector, theatre and film production. Taking into account the visibility and the desired effect, the proper dosage of the fog fluid concentration in the air is between 25 and max. 80 mg/m <sup>3</sup> . Especially the fog density must be dosed so that the exits and emergency exits in closed rooms are always visible. The same applies to the escape routes lighting and markings, staircases, shafts, slab edges etc. The visibility of 25 m (max. distance from the next exit acc. to VStättV) must be observed. To prevent anxiety, fogged rooms must never be locked. The product must be used appropriately and in delivery condition. Keep away and out of reach of children.

The information supplied is based on our present knowledge and experiences. The safety data sheet describes products with respect to the safety requirements. The information does not have the meaning of property assurances in the sense of quality descriptions.