

Fog fluids

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

1.1 Product identifier

Trade name:	Stairville E Fluid 5 l (item no. 105454) Stairville E-C Fluid 1 l (item no. 187378) Stairville E-C Fluid 5 l (item no. 105455) Stairville E-HD Fluid 5 l (item no. 105456) Stairville E-M Fluid 5 l (item no. 121307) Stairville Fast Fog Fluid 5 l (item no. 209054) Stairville RDF Regular DJFluid 5 l (item no. 260574) Stairville PHF Pro Haze Fluid 5 l (item no. 260572) Stairville PSS ZR Fog Fluid 5 l (item no. 260571) Stairville E Fluid 1l (item no. 406588) Stairville E-HD Fluid 1l (item no. 406589) Stairville E-M Fluid 1l (item no. 406586) Stairville Fast Fog Fluid 1l - CO2 Effect (item no. 406591) Stairville PHF Pro Haze Fluid 1 ltr. (item no. 406595) Stairville PSS ZR Fog Fluid 1L (item no. 406597)
Registration number:	Not applicable

1.2 Relevant identified use of the substance or mixture and uses advised against

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
Homepage:	www.thomann.de
E-mail:	info@thomann.de
Information about substance/mixture:	Quality management, phone: +49 (0)9546 9223-1130

1.4 Emergency number

Emergency number:	---
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Section 2: Possible hazards

2.1 Classification of the substance or the mixture

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

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

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 complaints.
 After skin contact: Wash with water and soap.
 After eye contact: Rinse out with water, in case of symptoms consult a physician.
 After swallowing: In case of symptoms consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No symptoms known
 Hazards: No hazards known

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Symptom-related

Section 5: Fire-fighting measures

5.1 Extinguishing agent

Appropriate extinguishing agent: Extinguish a surrounding fire with foam, powder, carbon dioxide or water spray.

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_x)

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:

Particular danger of slipping on leaked/spilled product.
 Keep away from unprotected persons.

6.2 Environmental measures: The product is no 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 fracture-proof containers (delivery bundle).
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 special measures necessary, observe the general rules of the preventing operational fire protection.
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 necessary
Hand protection:	Not necessary
Eye protection:	Not necessary
Body protection:	Not necessary
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:	Colourless
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
Self-inflammability:	No
Oxidizing properties:	No
Explosion hazard:	The product is not explosive.
Explosion limits:	Lower: --- Upper: ---
Density:	1.04 - 1.10 g / cm ³
Solubility in water (20° C):	Miscible in all proportions
Viscosity:	Thin fluid

Section 10: Stability and reactivity

<u>10.2 Chemical stability</u>	Stable under normal conditions
<u>10.3 Possibility of hazardous reactions</u>	Reacts with strong alkalis Reacts with oxidising agents
<u>10.4 Conditions to avoid</u>	None known
<u>10.5 Materials to avoid</u>	None known
<u>10.6 Hazardous decomposition products</u>	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

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.
 The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

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

Non known
 General information:
 Water hazard class 1: Slightly hazardous for water.
 Do not allow product to reach ground water, water course or sewage system.
 Must not reach sewage water or drainage ditch undiluted or unneutralised.

Section 13: Disposal considerations

13.1 Waste treatment processes

Product:	Recommendation: In accordance with the necessary technical regulations may be incinerated with household waste, after consultation with site operator and with the responsible 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. They may be recycled after thorough and proper cleaning. Packaging that cannot be cleaned are to 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 precautions for user

No special precautions

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

No carriage in bulk according to IBC Code

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EG classification:	Not classified as hazardous acc. to EU criteria.
Labelling:	Not subject to specific labelling.
R phrases:	None
S phrases:	None
Information about employment restriction	None
Technical instructions (air):	Not applied
Water hazard class:	Water hazard class 1 slightly hazardous for water (classification acc. to Annex 4 of the Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes (VwVwS))
Volatile organic compounds	
VOC content:	No VOC components contained according to 2004/42/EC Directive (VOC: 0,00 %)

Section 16: Other Information

Department issuing data specification 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 lies between 25 and max. 80 mg/m ³ . Especially the fog density must be dosed so that the exits and the 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 the event locations regulations VStättV) must be observed. With a view to avoiding states of 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 indications do not have the meaning of guarantees on properties in the sense of quality descriptions.