



Safety Data Sheet
Stairville Fog Fluids
“E”, “E-C”, “E-HD”, “E-M”,
“F-F”, „PSS“, „PHF“, „RDF“

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

1.1.1	Registration no.:	not applicable
1.1.2	Trade name/designation:	Stairville E Fluid 5 l (Art.-No. 105454) Stairville E-C Fluid 1 l (Art.-No. 187378) Stairville E-C Fluid 5 l (Art.-No. 105455) Stairville E-HD Fluid 5 l (Art.-No. 105456) Stairville E-M Fluid 5 l (Art.-No. 121307) Stairville Fast Fog Fluid 5 l (Art.-No. 209054) Stairville RDF Regular DJFluid 5 l (Art.-No. 260574) Stairville PHF Pro Haze Fluid 5 l (Art.-No. 260572) Stairville PSS ZR Fog Fluid 5 l (Art.-No. 260571) Stairville E Fluid 1l (Art.-No. 406588) Stairville E-HD Fluid 1l (Art.-No. 406589) Stairville E-M Fluid 1l (Art.-No. 406586) Stairville Fast Fog Fluid 1l - CO2 Effect (Art.-No. 406591) Stairville PHF Pro Haze Fluid 1 ltr. (Art.-No. 406595) Stairville PSS ZR Fog Fluid 1L (Art.-No. 406597) Stairville RDF Regular DJFluid 1 ltr. (Art.-No. 406600)

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

1.2.1	Identified uses:	Simulation of fog and smoke
1.2.2	Uses advised against:	-

1.3 Details of the supplier of the safety data sheet

Address:	Thomann GmbH Hans-Thomann-Str. 1 96138 Burgebrach Germany
Homepage:	www.thomann.de
E-Mail:	info@thomann.de
Phone:	+49 (0) 9546 9223-0
Fax:	+49 (0) 9546 9223-24
Contact for information:	Quality management department +49 (0) 9546 9223-1130

National contact: see above

1.4 Emergency number -

2 Hazards identification

2.1 Classification of the substance or mixture -

2.2 Label elements -

2.3 Other hazards

Physico-chemical hazards: See chapter 10.

Health hazards: No particular hazards known.

Environmental hazards: No particular hazards known..

Other hazards: none

Other: Not classified as hazardous according to EU criteria.

R phrases: none

3 Composition/information on ingredients

3.1 Substances -

3.2 Mixtures

Chemical characterisation: Mixture of polyhydric alcohols with water

Comment on components: Contains no hazardous constituents.

4 First aid measures

4.1 Description of first aid measures

4.1.1 General indications: In normal use, acute hazards are not to be expected.

4.1.2 After inhalation: In case of complaints, seek medical treatment.

4.1.3 After skin contact: Wash off with water and soap.

4.1.4 After contact with the eyes: Rinse with water; consult a doctor in case of complaints.

4.1.5 After swallowing: Consult a doctor in case of complaints.

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

4.3 Indication of any immediate medical attention and special treatment needed -

5 Firefighting 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 jet.

Unsuitable extinguishing media: -

5.2 Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture, its combustion products or resulting gases: No special hazards known.

5.3 Advice for firefighters

Special protective equipment for firefighting: Do not inhale explosion or combustion gases.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Danger of slipping on leaked/spilled product.

6.2 Environmental precautions: The product is not an environmentally hazardous substance/mixture.
Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up: Absorb with sand, earth or absorbent material, and dispose in accordance with the local governmental regulations.

6.4 Reference to other sections: -

7 Handling and storage

7.1 Precautions for safe handling Store in fracture-proof containers (packaging).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage room and containers: Shall be stored in closed containers only. Containers must be clean, dry and free of rust.

Information on fire and explosion protection:	No special measures necessary.
Storage temperature:	Ambient temperature 60°C max.
Storage class:	none
Indications for combined storage:	none

7.3 Specific end use(s) -

8 Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:	none
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8.2 Exposure controls -

8.2.1 Appropriate engineering controls

Additional information about design of technical systems:	none
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8.2.2 Individual protection measures – personal protection equipment

Respiratory protection:	not required
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Hand protection:	not required
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Eye protection:	not required
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Body protection:	not required
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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1 Appearance

Aggregate state:	liquid
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Colour:	clear, colourless
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Odour:	neutral
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9.1.2 Safety related basic data

pH value:	6 – 8
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pH value (1 %)	not determined
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Boiling point:	100°C and above
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Flash point:	not determined
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Ignition temperature:	not determined
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Spontaneous ignition:	no
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Oxidizing properties:	no
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Danger of explosion:	none
Explosion limits:	lower: - upper: -
Density:	1,04 – 1,10 g/cm ³
Solubility in water (20°C):	any
Viscosity	Low in viscosity

9.2 Other information

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10 Stability and reactivity

10.1 Reactivity

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10.2 Chemical stability

Stable under normal conditions. Reacts with strong oxidizing agents.

10.3 Possibility of hazardous reactions

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10.4 Conditions to avoid

oxidizing agents

10.5 Incompatible materials

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10.6 Hazardous decomposition products

none

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	The product has not been tested on animals.
Irritant effect on the skin:	non-irritant
Irritant effect on the eye:	non-irritant
Sensitisation:	not sensitizing
Subacute to chronic toxicity:	none
General remark:	No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

12.1 Toxicity

No toxic effects known.

12.2 Persistence and degradability

The product has no harmful impact on the environment. It provides good biodegradability according to OECD 301E / EEC 84/449 C3.

12.3 Bioaccumulative potential	No bioaccumulation
12.4 Mobility in soil	-
12.5 Results of PBT and vPvB assessment	-
12.6 Other adverse effects	-

13 Disposal considerations

13.1 Waste treatment methods

Product:	Disposal in accordance with the local governmental regulations.
Uncleaned packaging:	Disposal in accordance with the local governmental regulations.

14 Transport information

14.1 Land transport (ADR/RID/GGVSE):

UN No:	-
UN Proper shipping name	-
Class(es):	-
Classification code:	-
Packing group:	-
Danger label:	-
Special provision(s):	-
Tunnel restriction code:	-

14.2 Maritime transport (IMDG-Code/GGVSee):

UN No:	-
UN proper shipping name:	-
Class(es):	-
Packing group:	-
Marine Pollutant:	-
Special provision(s):	-

14.3 Air transport (ICAO-IATA/DGR):

UN No:	-
UN Proper shipping name:	-

Class(es): -
Packing group: -
Special Provision(s): -

14.4 Further information:

Does not constitute dangerous cargo in accordance with the above-mentioned provisions.

15 Regulatory information

EC Classification: Not classified as hazardous according to EU criteria.
Labelling: Does not require labelling.
R phrases: none
S phrases: none
Information about limitation of use: none
Hazardous Incident Reporting Ordinance (*Störfallverordnung*): none
Classification according to VbF: not applicable
Technical instructions (air): not applicable
Water hazard class: WGK1

16 Other information

Department issuing safety data sheet: Quality management
Contact: Lighting department +49 (0) 9546 9223-347
Exposure scenario: Professional fog fluid for the generation of short-term, artificial fog and show effects in the event sector, stage and screen production. Taking into account the sight and the desired effect, concentration of the fog fluid in the air may range between 25 and 80 mg/m³ at the maximum. When dosing the fog density, it is especially important to make sure that visibility of exits and emergency exits in enclosed rooms is guaranteed at all time. The same applies to the lighting of escape routes, their marking, staircases downwards, shafts, drop-off edges etc. Visual ranges of 25 m must be observed (according to VStättV [Assembly Area Ordinance] max. distance to the nearest exit).

In view of the prevention of anxiety, befogged rooms must never be enclosed.

The product is to be used properly and in the delivery condition.

Keep the product away and out of the reach of children.

All indications reflect our current state of knowledge and experience. The safety data sheet describes products with respect to safety requirements. The indications do not represent a guarantee of the properties of the product in the sense of quality descriptions.

Burgebrach, September 9th, 2015