

## Fog Fluid

## TopFog

The fog fluid „TopFog“ is a mixture of polyhydric alcohols and water for visualizing airflows. The main application is the flow visualization in cleanrooms in connection with the Topas product Condensation Fog Generator CFG 290. This is used to perform a test to determine the supply airflow rate in a non-unidirectional cleanroom and the air velocity distribution in a unidirectional cleanroom according to ISO 14644-3. The product must be used appropriate as delivered.

### Applications

- Visualization of airflows in rooms and air-conditioning systems
- Particularly suitable for use in clean rooms
- Visual leak tests of systems and components

### Advice for safe handling and storage

- Store in non-breakable canisters (supplied canister)
- Store only in closed canisters
- Canisters have to be clean, dry and rust-free
- Storage temperature: Ambient temperature max. 60 °C

Name	TopFog
Formula	n.A.
Physical State	Liquid
Color	Colorless, clear
Odor	Neutral
Freezing Point	< 0 °C
Boiling Point	> 100 °C
Vapor Pressure	< 0.1 mbar
Vapor Density	> 1.0 g/ccm
Oxidizing attributes	No
Solubility in Water	Arbitrary
pH	6-8 bei 20 °C
Flashpoint	> 177 °C
Viscosity	Low viscosity
Density	1.04 – 1.10 g / cm <sup>3</sup>



Fog Output of the Condensation Fog Generator CFG 290 with Fog Fluid „TopFog“

**Excerpt from the Material Safety Data  
Sheet of the Manufacturer (18.12.2012)**

**Extinguishing device**

- The product is incombustible
- Extinguish surrounding fire with foam, extinguish powder, carbon dioxide or water

**Special protective equipment for extinguishing device**

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

**Accidental release measures**

- Slip hazard due to spilled or leaked product  
Environment protection measures

**Environmental protection measures**

- The product is not harmful to the environment
- Not be attained to the sewerage system/ surface water/ water ground
- Absorb with sand, ground or absorbent material and dispose according to local, administration directive
- Small amounts (up to 1 liter) can be diluted with lots of water and can be disposed into the canalization

**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 device: If used in common way no acute risks to be due.

**Stability and reactivity**

- Reacts with strong oxidants
- Chemical stability is solid under normal conditions
- No dangerous reactions if used like advised

**Toxicological declarations**

- The product has not been tested on animals
- Not irritating, not sensitive
- No classification due to analysis of the preparation directive
- No toxic effect known
- The product is not harmful with the environment to OECD 301E / EEC 84/449 C3

**Disposal advices**

- Dispose according to local, administration directive

**Statutory provisions**

- Classified as not dangerous according EU criteria
- Water hazard class: WGK1

**TopFog-Available Quantities**

TopFog is available in the following amounts at the Topas GmbH

- 1 l bottle
- 5 l bottle

QMS certified to  
DIN EN ISO 9001.



12 100 11908 TMS

For more information please  
visit our website at  
[www.topas-gmbh.de](http://www.topas-gmbh.de)

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