



### 1. Identification of the Substance/Preparation and of the Company/undertaking

Trade name and synonyms FlatTop Cooling Medium	Manufacturer gelcompany GmbH Paul-Ehrlich-Straße 17 D-72076 Tübingen <b>Emergency telephone number:</b> <b>+49 (0)7071 257030</b>	
Catalogue No. PCC-150-TI	CAS No. Prod 56-81-5, 50-70-4, 26628-22-8	
Description Solution 10% Glycerol, 15% D-Sorbitol, 0,01% NaN <sub>3</sub>	<b>Area of Application:</b> <b>Product Use:</b>	Industrial Application. Analytical chemistry. Research use only.

### 2. Composition/Information on Ingredients

Chemical family Glycerol; Sorbitol, Sodium Azide (NaN <sub>3</sub> : R28, R32, R50/53)
Appearance and Odour Solution, no colour, no odour

Principal hazardous component(s)	EC-No	CAS - No. Comp	Conc. (%)	Classification
D-Sorbitol	200-061-5	50-70-4	15	N/A
Glycerol	200-289-5	56-81-5	10	N/A
Sodium Azide	247-852-1	26628-22-8	0.01	N/A

### 3. Hazards Identification

Routes of entry	Effects of Occupational Overexposure
Inhalation Eye contact Skin contact Ingestion	

### 4. First-Aid Measures

Inhalation: Eyes: Skin: Ingestion:	Remove from exposure, obtain medical attention Wash thoroughly with water for 15 min., obtain medical attention. Wash off with water Wash out mouth with water and if conscious give water to drink. Obtain medical attention at once.
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### 5. Fire-Fighting Measures

Extinguishing media Carbon dioxide, dry chemicals or water spray
Special fire fighting procedures None.
Unusual fire and explosive hazards

None

#### 6. Accidental Release Measures

Steps to be taken if material is released or spilled

Wipe up and place in containers for disposal. Clean spill area with detergent and water.

#### 7. Handling and Storage

Precautions to be taken in handling and storage etc

Store at room temperature.

#### 8. Exposure Controls/Personal Protection

Exposure limit

N/A

Ventilation requirements

Normal ventilation

Special personal protection equipment

None

Respiratory

None

Eye

Safety goggles

Hand Protection

Gloves

Other clothing or equipment

None

#### 9. Physical and Chemical Properties

Formula N/A	Vapour pressure N/A	Melting point N/A
Boiling point 760 mm Hg 100°C (H <sub>2</sub> O)	Molecular weight N/A	Flash point N/A
Specific gravity N/A	Solubility in water (at 20° C) Soluble	

#### 10. Stability and Reactivity

Stability (normal conditions) Stable	Hazardous polymerization Will Not Occur	Conditions to avoid None
Incompatibility materials to avoid Avoid contact with oxidizing agents		
Hazardous decomposition products N/A.		

#### 11. Toxicological Information

Toxicity Information

Glycerol LD50 rat (oral) 12600 mg/kg, D-Sorbitol LD50 rat (oral) 15900 mg/kg

#### 12. Ecological Information

N/A

#### 13. Disposal Considerations

Waste disposal method

Dispose as per local, state or federal regulations

#### 14. Transport Information

UN-No	ADR/RID	Class	Compound No	Packing Group
Not listed	DGR			
Dangerous goods				
No				

**15.Regulatory Information**

R 67/548/EWG 1999/45/EG

**16.Other Information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Enquiries regarding MSDS Content should be directed to:

**gelcompany office.**

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