



Medical Chemical Corp.  
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CHEMTREC Emergency Response Telephone Number: (800)424-9300

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

## Section I - Product Identification

Glycerine is a polyhydroxy alcohol.

## Section II - Hazards Identification

Overview: Glycerin mist is harmful to the respiratory tract. May be irritating to skin and eyes.

### Safety Ratings

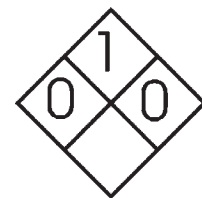
Health: Slight Flammability: Slight Reactivity: None Contact: Slight

Recommended safety equipment: Nothing unusual,

Storage: General storage

### NFPA Ratings

Health = 0 Flammability = 1 Reactivity = 0



### Potential Health Effects

The toxicology of this compound has not been completely examined. It is presumed that the toxicity of this item is similar to other alcohols.

Inhalation: May be irritating

Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

Skin contact: Not normally a problem

Eye contact: May be irritating

Chronic Exposure: Unknown

Aggravation of preexisting conditions: Unknown

## Section III - Composition/Information on Components

| Ingredients | CAS#    | OSHA PEL        | ACGIH TLV       | Other Limits | %    |
|-------------|---------|-----------------|-----------------|--------------|------|
| Glycerine   | 59-81-5 | 15 mg/m3 (mist) | 10 mg/m3 (mist) |              | 100% |

## Section IV - First Aid Measures

Inhalation: Unlikely to be a problem. Remove from source of exposure and get medical attention for any breathing difficulty.

Ingestion: If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.

Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.

Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.

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## Section V - Fire Fighting Measures

*Flash point:* 199°C (390°F) TCC

*Flammable Limits:* Not Applicable

*Fire:* Not normally a fire Hazard,

*Explosion:* Not Normally an explosion hazards.

*Fire Extinguishing Media:* Any means suitable for surrounding fire.

*Special information:* Pyrolysis will release acrolein and other toxic compounds.

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## Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and dispose.

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## Section VII - Handling and Storage

Store in a closed container, protected from freezing.

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## Section VIII - Exposure Control/Personal Protection

*Airborne Exposure Limits:* See section III.

*Ventilation System:* Usually not required because of the low vapor pressure. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.

*Personal Respirator:* Usually not required.

*Skin protection:* Protective gloves are not required.

*Eye Protection:* Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

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## Section IX - Physical and Chemical Properties

*Boiling Point:* 290°C (554°F)

*Vapor pressure* (mm Hg): Nil

*Vapor Density* (air = 1): 3.2

*Appearance and Odor:* A clear, colorless liquid.

*Density:* 1.25 g/ml

*Evaporation Rate* (water = 1): Nil

*Solubility:* Infinitely miscible with water

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## Section X - Stability and Reactivity

*Stability:* Stable

*Hazardous Decomposition Products:* Nothing unusual.

*Hazardous polymerization:* Will not occur.

*Incompatibilities:* Nothing unusual.

*Conditions to avoid:* Excessive cold/heat and light.

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## Section XI - Toxicological Information

None relating to normal exposure.

Cancer lists

Ingredient

Known Carcinogenicity?

Anticipated?

IARC Category

Glycerin

No

No

None

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## Section XII - Ecological Information

*Environmental Fate:* Biodegradable

*Environmental Toxicity:* None

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### Section XIII - Disposal Considerations

Waste disposal is usually not restricted but local ordinances vary. Insure compliance with all government regulations.

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### Section XIV - Transportation Information

Not regulated.

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### Section XV - Regulatory Information

#### Chemical Inventory Status

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| <u>Ingredient</u> | <u>TSCA</u> | <u>EC</u> |
|-------------------|-------------|-----------|
| Glycerin          | Yes         | Yes       |

#### Federal, State and International Regulations

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| <u>Ingredient</u> | <u>SARA 302</u> |            | <u>SARA 313</u> |                 | <u>RCRA</u>   | <u>TSCA</u> |
|-------------------|-----------------|------------|-----------------|-----------------|---------------|-------------|
|                   | <u>RQ</u>       | <u>TPQ</u> | <u>List</u>     | <u>Category</u> | <u>261.33</u> | <u>8(D)</u> |
| Glycerin          | No              | No         | No              | No              | No            | No          |

Chemical Weapons Convention: No   TSCA 12(b): No   CDTA: No

SARA 311/312: Acute: Yes, Chronic: Yes, Fire: No

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### Section XVI - Other Information

This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Revision Date: May 23, 2013