

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

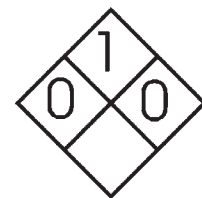
Health: Slight *Flammability:* Slight *Reactivity:* None *Contact:* Slight

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

<i>Ingredients</i>	<i>CAS#</i>	<i>OSHA Pel</i>	<i>ACGIH TLV</i>	<i>Other Limits</i>	<i>%</i>
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.

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.

Section VI - Accidental Release Measures

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

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

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.

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

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.

Section XI - Toxicological Information

None relating to normal exposure.

Cancer lists

<u>Ingredient</u>	<u>Known Carcinogenicity?</u>	<u>Anticipated?</u>	<u>IARC Category</u>
Glycerin	No	No	None

Section XII - Ecological Information

Environmental Fate: Biodegradable

Environmental Toxicity: None

Section XIII - Disposal Considerations

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

Section XIV - Transportation Information

Not regulated.

Section XV - Regulatory Information**Chemical Inventory Status**

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

Federal, State and International Regulations

<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

Section XVI - Other Information

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

Revision Date: Nov. 7, 2017