

# Quality Science Labs, LLC

## Material Safety Data Sheet (MSDS)

### Section 1- Chemical Product and Company Identification

#### Glycerin

Quality Science Labs, LLC  
P.O. Box 159  
32600 Highway 24  
Lake George, CO 80827

Phone number: (866) 700-1884

CHEMTREC Emergency Phone Number: (800) 424-9300

### Section 2- Composition, Information on Ingredients

Glycerin

CAS#: 56-81-5

### Section 3- Hazards Identification

Clear, mild-smelling liquid.

Slightly hazardous in case of skin contact (irritant, permeator) of eye contact (irritant) of ingestion, of inhalation.

#### QSL At-A-Glance:

Health- 1

Flammability- 1

Reactivity- 0

Exposure- 0

Storage- 1

0 is low hazard, 3 is high hazard

### Section 4- First Aid Measures

Call a physician, seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes. Cover the irritated skin with an emollient.

Internal: Give large quantities of water. Do not induce vomiting. Call a physician or poison control at once.

### **Section 5- Firefighting Measures**

May be combustible at high temperature.

Slightly flammable to flammable in presence of open flames and sparks, of heat, of oxidizing materials.

#### **NFPA Code:**

None Established

### **Section 6- Accidental Release Measures**

Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container and dispose. See Sections 8 and 13 for further information.

In Case Of Large Spill: Stop leak if without risk. Do not get water inside container.

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Use water spray to reduce vapors. Prevent entry into sewers, basements, or confined areas, dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### **Section 7- Handling and Storage**

Keep away from heat/sources of ignition.

Keep away from incompatibles such as oxidizing agents.

Do not ingest. Do not breathe gas/fumes vapor/spray.

Keep container tightly closed.

Store in a cool, well-ventilated area.

### **Section 8- Exposure Controls, Personal Protection**

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical resistant apron. Use exhaust ventilation to keep airborne concentrations low.

### **Section 9- Physical and Chemical Properties**

Clear, mild-smelling liquid.

Solubility: Miscible in cold water, hot water, and alcohol. Partially soluble in acetone.

Very slightly soluble in diethyl ether. Insoluble in carbon tetrachloride, benzene, chloroform, petroleum ethers, and oils.

Molecular Weight: 92.09 g/mole

Melting Point: 19 °C (66.2°F)

### **Section 10- Stability and Reactivity**

Avoid contact with oxidizing agents, excess heat and ignition sources, moisture.

Shelf Life: Good

