



Fall River, MA 02724  
orders - 1-800-2-BUY-DYE  
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## Safety Data Sheet Glycerin

### Section 1. Identification of the Substance/Mixture and its Supplier

**Supplier:**

PRO Chemical & Dye  
126 Shove Street  
Fall River, MA 02724

**Product Name:** Glycerin

**Chemical Name:** Mixture

**Product Use:**

**Emergency Telephone Number**

800-255-3924 ChemTel. (United States)

+ 1 01 813-248-0585 (Outside the United States)

### Section 2. Hazards Identification

**GHS Classification**

Not classified

**Pictogram(s)**

**Signal Word**

**Hazard Statement(s)**

Not hazardous by GHS

**Precautionary Statement(s)**

**Prevention:**

**Response:** None

**Storage:**

**Disposal:**

### Section 3. Composition/Information on Ingredients

| <u>Name of Hazardous Component/Composition</u> | <u>CAS Number</u> | <u>% by Weight</u> |  |
|------------------------------------------------|-------------------|--------------------|--|
|------------------------------------------------|-------------------|--------------------|--|

|          |         |      |                |
|----------|---------|------|----------------|
| Glycerin | 56-81-5 | 99.5 | Not Classified |
|----------|---------|------|----------------|

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### Section 4. First Aid Measures

**Eye Contact**

Flush with water for at least 15 minutes.

**Skin Contact**

Wash thoroughly with soap and water.

**Ingestion**

Drink 1-2 glasses of water. Do not induce vomiting. Do not give liquids to drowsy, convulsing, or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention.

**Inhalation**

Supply fresh air or oxygen; call for doctor. In case of unconsciousness, place patient stably in side position for transportation.

**Most important symptoms/effects, acute and delayed:**

Skin contact may cause mild irritation and eye contact may cause mild eye irritation. Inhalation of vapors/fumes may cause mild respiratory irritation. Ingestion may cause gastro-intestinal irritation.

**Section 5. Fire Fighting Measures****Fire Extinguishing Media:**

Water, foam, dry chemical, carbon dioxide.

**Specific Hazards arising from the chemical:** At high temperatures, this product decomposes to give off hydrochloric acid gas plus other toxic and irritation vapors, such as phosgene. Exposure to excessive heat may build up pressure in closed containers.

**Special Protective Equipment  
And precautions for fire-fighters:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-containing breathing apparatus with full faceplate operated in the pressure demand mode.

**Section 6. Accidental Release Measures****Personal Precautions:**

Wear the required PPE as described in section 8. Ensure adequate ventilation, and evacuate personnel to safe areas if necessary.

**Methods and Materials for  
containment and cleaning up:**

KEEP FROM FREEZING. Absorb with liquid binding material and dispose of in accordance with regulations.

**Section 7. Handling and Storage****Precautions for Safe Handling**

Use appropriate PPE (see section 8). Keep container closed when not in use. Avoid contact with eyes and skin. Wash thoroughly after handling. Assure adequate ventilation.

**Conditions for Safe Storage**

Keep away from extreme hot and cold. Store away from oxidizing agents. Keep container tightly sealed.

**Section 8. Exposure Controls/Personal Protection****Product:**

None

**OSHA (TWA)****ACGIH (TWA)****Engineering Controls:**

Exhaust ventilation should always be provided to prevent routine inhalation and build-up of heavy solvent vapors on floor. Maintain air below TLV recommendation.

### Personal Protective Equipment (PPE):

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| <b>Eyes:</b>        | Chemical goggles recommended if splashing/eye contact is possible                             |
| <b>Body:</b>        | impermeable gloves for prolonged and repeated skin contact                                    |
| <b>Respiratory:</b> | Wear a NIOSH respirator whenever exposure to fumes and vapors exceeds the TLV recommendation. |

**Other Protective Equipment:** Eye bath and safety shower.

### Section 9. Physical and Chemical Properties

|                                               |                              |
|-----------------------------------------------|------------------------------|
| <b>Appearance</b>                             | colorless to pale yellow     |
| <b>Solubility</b>                             | soluble                      |
| <b>Odor</b>                                   | odorless                     |
| <b>Odor Threshold</b>                         | Not available                |
| <b>pH(100%)</b>                               | Not available                |
| <b>Flash Point</b>                            | 390 degrees F, 199 degrees C |
| <b>Evaporation Rate</b>                       | <1                           |
| <b>Autoignition Temperature</b>               | Not available                |
| <b>Lower Explosion Limit</b>                  | Not available                |
| <b>Upper Explosion Limit</b>                  | Not available                |
| <b>Decomposition Temperature</b>              | Not available                |
| <b>Partition Coefficient: n-octanol/water</b> | Not available                |
| <b>% Volatiles by Volume</b>                  | Not available                |
| <b>Flammability</b>                           | Not flammable                |
| <b>Boiling Point</b>                          | 390 degrees F                |
| <b>Freezing Point</b>                         | Not available                |
| <b>Vapor Density (Air = 1)</b>                | Not available                |
| <b>Vapor Pressure (mmHg)</b>                  | Not available                |
| <b>Specific Gravity (@20 C)</b>               | 1.262                        |
| <b>Viscosity</b>                              | Not available                |

### Section 10. Stability and Reactivity

|                                          |                                                                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                       | Not normally reactive                                                                                                                     |
| <b>Stability:</b>                        | Stable                                                                                                                                    |
| <b>Hazardous Decomposition Products:</b> | At high temperatures, this product decomposes to give off hydrochloric acid gas plus other toxic and irritation vapors, such as phosgene. |
| <b>Hazardous Polymerization:</b>         | Will not occur                                                                                                                            |
| <b>Incompatibilities:</b>                | Avoid contact with strong oxidizers and acids, selected amines, alkalines and halogens                                                    |
| <b>Conditions to Avoid:</b>              | Avoid extreme heat and cold                                                                                                               |

### Section 11. Toxicological Information

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| <b>Routes of Entry:</b>      | Inhalation, Dermal, Ingestion                           |
| <b>Toxicity Data:</b>        | LD <sub>50</sub> (oral, dermal, inhalation) > 2000mg/kg |
| <b>Carcinogenicity Data:</b> | conclusive but not sufficient for classification        |
| <b>Reproductive Effects:</b> | conclusive but not sufficient for classification        |

**Mutagenicity Data:** conclusive but not sufficient for classification

**Potential Health Effects:**

**Eyes Contact:** May cause irritation to eyes  
**Inhalation:** Acute-inhalation of vapors may be irritating.  
**Skin Contact:** May cause skin irritation.  
**Ingestion:** May cause irritation to digestive tract.  
**Chronic Effects:** None known

**Section 12. Ecological Information**

**Environmental Toxicity:** No data available

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in soil:** No data available

**Section 13. Disposal Considerations**

**Waste Information:** Dispose waste in sanitary landfill in accordance with Federal, State, and Local regulations.

**Section 14. Transportation Information**

**Hazard Class** None  
**D.O.T. Shipping name** Not regulated  
**UN Number** None

**Section 15. Regulatory Information**

**CERCLA:** This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

**Section 302 (EHS):**

**Section 304 EHS:**

**SARA Hazard Category (311/312):**

**Acute Health:** no  
**Chronic Health:** no  
**Fire Hazard:** no  
**Reactivity:** no  
**Sudden Release of Pressure:** no

**SARA 313: (list chemicals and %)**

**EPA TSCA Inventory:** All the ingredients are listed on the TSCA inventory.

**Section 16. Other Information**

**SDS Date:** 6-22-15

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