



# SAFETY DATA SHEET

## Glycerin, USP

### Section I. Identification of substance/preparation and company

#### Identification of the substance or preparation

**Product Name** : Glycerin, USP  
**Synonyms** : N/A  
**CAS Number** : 56-81-5

**Manufacturer/Supplier** : Ninigret Building XI  
 Sun Products Corporation  
 Attn: Consumer Relations  
 4750 West 2100 South, Suite 200  
 Salt Lake City, UT 84120

**General Information Number** : 1-832-261-2000 (24 hours)  
**Emergency Telephone Number** : 1-800-565-5597 (24 hours, ProSAR)  
**Poison Control** : 1-800-222-1222 (24 hours)  
**Chemtrec** : 1-800-424-9300 (24 hours, Transportation Emergencies)

### Section II. Composition/Information on ingredients

#### Ingredients as defined by the OSHA Hazard Communication Standard (29CFR § 1910.1200):

Chemical Name	CAS Number	Concentration
Glycerin	56-81-5	99.5% min.

### Section III. Exposure Controls / Personal Protection

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	STEL
Glycerin	56-81-5		15 mg/m <sup>3</sup> (as mist)	

#### Personal Protection

**For routine consumer use** : None required under normal conditions.

**For industrial activities** :

- Respiratory protection** : None required under normal conditions. General ventilation.
- Hand protection** : Rubber gloves may be worn for protection.
- Eye protection** : Goggles may be worn for splash protection.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

## Section IV. Physical / Chemical Data

Boiling Point	: >550°F
Freezing Point	: Variable
Specific Gravity (H <sub>2</sub> O = 1)	: 1.26 at 68°F
Density, (lbs./gal.)	: 10.50
% Volatile	: 0
Evaporation Rate	: Unknown
Vapor Pressure	: 0.0025 at 122°F
Percent VOC	: Not determined
Solubility in Water	: Miscible
Appearance	: Oily liquid
Odor	: None
Color	: Clear
Viscosity	: Not available
pH	: 7.0 (as is)
pH (1% aqueous solution)	: Not available

## Section V. Fire & Explosion Data

Flash Point	: 390°F
Extinguishing Media	: Water, carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures	: Cool material with water.
Fire / Explosion Hazards	: None
Hazardous Combustion Products	: Not available
Contents Under Pressure	: No
Explosive	: No

## Section VI. Stability & Reactivity Data

Stable	: Yes
Conditions to Avoid	: Heat, flame, ignition sources, incompatibilities.
Incompatibilities	: Strong oxidizers
Hazardous Decomposition	: May form corrosive gas (acrolein) above 554°F.
Hazardous Polymerization	: None
Corrosive to steel, aluminum	: Not determined

## Section VII. Toxicology & Health Data

### Potential acute health effects

Adverse health effects are considered unlikely, when the product is used according to directions

LD50 (acute)	: Not determined
Threshold Limit Value	: Not determined

### Effects of Acute Exposure

Ingestion	: Low toxicity. May cause nausea, headache, or diarrhea.
Inhalation	: Unlikely due to low vapor pressure.
Skin Contact	: Direct, prolonged contact may cause irritation.
Eye Contact	: Direct contact may cause irritation.

Effects of Chronic Exposure	: May cause kidney damage.
-----------------------------	----------------------------

Carcinogen Status	: Non-carcinogenic
-------------------	--------------------

Note: See Section III for personal protective equipment and Section XI for waste disposal.

## **Section VIII. Emergency First Aid Procedures**

- If swallowed** : Do not induce vomiting. Drink a glass of water. Call a physician.
- Inhalation** : Move to fresh air. Contact a physician if symptoms persist.
- Skin Contact** : Promptly flush with water. Remove contaminated clothing and shoes.
- Eye Contact** : Promptly flush with large amounts of water for at least 15 minutes. Contact a physician.

**\*If symptoms persist, contact a physician.**

## **Section IX. Safe Handling & Storage**

Store in a cool, dry place. Keep away from fire and heat. Keep containers closed when not in use. Provide adequate ventilation.

## **Section X. In Case of Spill or Release**

- Small or household quantities** : Collect material into containers for disposal in accordance with local, state, and federal regulations.
- Large (industrial) releases** : Prevent spill from entering a waterway. Stop spill at source and contain material. Place material in container for recovery or disposal. Dispose in accordance with local, state, and federal regulations. Large quantities should not be flushed into sewer system.

## **Section XI. Recommended Waste Disposal Considerations**

- Methods of disposal** : Product does not meet the criteria of a hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose in accordance with all regulations applicable to non-hazardous waste. Large quantities should not be flushed into sewer system. Spill areas are slippery.

## **Section XII. Regulatory Information**

- SARA 302 Hazardous Substances** : None / no reportable quantities
- SARA 304** : None / no reportable quantities
- SARA 311/312 Hazard Categories** : None / no reportable quantities
- SARA 313 Emissions Reporting** : None / no reportable quantities
- Proposition 65 Listed Chemicals** : None / no reportable quantities
- TSCA** : All components of this product comply with TSCA inventory listing requirements
- RCRA** : See Section XI – Recommended Waste Disposal Considerations
- CAA HAPS or Ozone Depletors** : Not available
- CA 22 CCR Hazardous Wastes** : Not available
- IL, MA, NJ, PA, RI State RTK & Hazardous Notifications** : Not available
- Canadian DSL/NDSL** : Not available

## **Section XIII. Hazard Rating Information**

Ratings are based on 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

<b>Health</b>	1
<b>Fire</b>	1
<b>Reactivity</b>	0

**Section XIV. Ecological Information**

**Other adverse effects** : Not available

**Section XV. Transport Information**

<b>Regulatory Information</b>	<b>Land (US DOT)</b>	<b>Air (IATA/ICAO)</b>	<b>Water (IMO/IMDG)</b>
<b>Proper Shipping Name</b>	Not regulated	Not available	Not available
<b>Hazard Class</b>	Not available	Not available	Not available
<b>UN Number</b>	Not available	Not available	Not available
<b>Packing Group</b>	Not available	Not available	Not available
<b>Label Required</b>	Not regulated	Not available	Not available
<b>Additional Information</b>	Not available	Not available	Not available

**Section XVI. Other information****History**

**Date of issue** : 12/30/2008  
**Date of previous issue** : 03/21/2002  
**Version** : 2.0

**Notice to reader**

Sun Products Corporation cannot anticipate all conditions of handling and use of this product. Therefore, Sun Products Corporation accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Sun Products Corporation will accept no liability for damages or loss incurred from the improper use or handling of this product.