



# Material Safety Data Sheet

## Organic Glycerine

### Section 1: Chemical Product and Company Identification:

**Product Name:** Organic Glycerine  
**CAS#:** 56-81-5  
**Chemical Name:** Vegetable Glycerin  
**Contact Information:**  
Geo-fresh Organic  
Gulab Park, S. T. Road.  
Sidhpur, 384 151, North Gujarat, India  
Emergency call: 91.2767.220863  
Ordinary info call: 91.2767.220863

### Section 2: Composition and Information on Ingredients

**Composition:** 98.5-99.5 % w/w  
**Name CAS:** Vegetable glycerin  
**Toxicological Data on Ingredients:** Not applicable.

### Section 3: Hazards Identification

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.  
**Potential Chronic Health Effects:**  
**CARCINOGENIC EFFECTS:** Not available.  
**MUTAGENIC EFFECTS:** Not available.

### Section 4: First Aid Measures:

#### Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician immediately.



## Section 5: Fire and Explosion Data:

**Flammability of the Product:** May be combustible at very high temperature.

**Auto-Ignition Temperature:** NA

**Flash Points:** 198.9 °C.

**Fire Hazards in Presence of Substances:**

Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

**Fire Fighting Media and Instructions:**

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

## Section 6: Accidental Release Measures:

**Small Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7: Handling and Storage:

**Precautions:**

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray.

**Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 30°C. Prevent from freezing.

## Section 8: Exposure Controls/Personal Protection:

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.



## Section 9: Physical and Chemical Properties:

<b>Physical state and appearance:</b>	Colourless Liquid
<b>Odor:</b>	Characteristic – Vegetable oil.
<b>Taste:</b>	Tasteless, slight sweet
<b>Molecular Weight:</b>	Not available.
<b>Color:</b>	Colourless yellow.
<b>pH:</b>	6-7
<b>Boiling Point:</b>	313 °C (595.4°F)
<b>Melting Point:</b>	-10-12 C
<b>Specific Gravity:</b>	1.25-1.26 @ 30 degree.
<b>Solubility:</b>	Soluble in water and fats and oils.

## Section 10: Stability and Reactivity Data:

**Stability:** The product is stable.

**Conditions of Instability:** Excess heat, incompatible materials

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Has excellent keeping qualities. Does not turn rancid unless subjected to excessive heat. Should be protected from freezing.

## Section 11: Toxicological Information:

**Routes of Entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**

LD50: Not available.

LC50: Not available.

Acute Potential Health Effects:

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May cause digestive tract irritation. It is considered a purgative and stimulates smooth muscle of the digestive tract.

Inhalation: Mist may cause respiratory tract irritation.

## Section 12: Ecological Information:

**Ecotoxicity:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** Not available.



### **Section 13: Disposal Considerations:**

**Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### **Section 14: Transport Information:**

**Classification:** Not applicable.

**Identification:** Not applicable.

### **Section 15: Regulatory Information:**

**State Regulations:** Inventory as Castor oil

**Other Regulations:** Not available.

### **Section 16: Other Information:**

**References:** Not available.

**Data:** Not available

### **Note:**

This information is provided for documentation purposes only. The product is not considered hazardous. The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customer.

Date of revised preparation: 14/5/09