

# Safety Data Sheet

## Glycerin Jelly

### Section 1 - Chemical Product and Company Identification

**SDS Name:** Glycerin Jelly

**Catalog Numbers:** SO-342, M-12, O-912-6

**Company Identification:** Transene Company, Inc., DBA ROWLEY BIOCHEMICAL, Inc.  
10 ELECTRONICS AVENUE  
DANVERS, MA 01923

**For information, call:** 978-739-4883

**Emergency Number:** 800-424-9300

**For CHEMTREC assistance, call:** 800-424-9300

### Section 2 - Hazards Identification

#### GHS Classifications

H303-Acute toxicity, oral: 5

H315-Skin corrosion/irritation: 2

H318-Serious eye damage/eye irritation: 1

H332-Acute toxicity, inhalation: 4

H341-Germ cell mutagenicity: 2

H373-Specific target organ toxicity, repeated exposure: 2

H402-Hazardous to the aquatic environment, acute toxicity: 3

H412-Hazardous to the aquatic environment, chronic toxicity: 3

#### Pictograms or Hazard Symbols and Hazard Statement(s):



Signal Word: Danger

#### Hazard Statements:

H303-May be harmful if swallowed

H315-Causes skin irritation

H318-Causes serious eye damage

H332-Harmful if inhaled

H341-Suspected of causing genetic defects

H373-May cause damage to organs through prolonged or repeated exposure (target organs: kidney, liver, blood, skin, central nervous system.)

H402-Harmful to aquatic life

H412-Harmful to aquatic life with long lasting effects

## Precautionary Statements:

P201-Obtain special instructions before use.

P202-Do not handle until all safety precautions have been read and understood.

P260-Do not breathe dust/fume/gas/mist/vapours/spray.

P261-Avoid breathing dust/fume/gas/mist/vapours/spray.

P264-Wash thoroughly after handling.

P271-Use only outdoors or in a well-ventilated area.

P273-Avoid release to the environment.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312-If swallowed: Call a Poison Center or doctor/physician.

P302+P352-If on skin: Wash with plenty of soap and water.

P304+P340-If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338-If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313-If exposed or concerned: Get medical advice/attention.

P310-Immediately call a Poison Center or doctor/physician.

P312-Call a Poison Center/doctor if you feel unwell.

P314-Get medical advice/attention if you feel unwell.

P332+P313-If skin irritation occurs: Get medical advice/attention.

P362+P364-Take off contaminated clothing and wash before reuse.

P405-Store locked up.

P501-Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
9000-70-8	Gelatin	7.4 w/v
56-81-5	Glycerin	51.8 w/v
108-95-2	Phenol	3.5 v/v
7732-18-5	Water	Balance

## Section 4 - First Aid Measures

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Dermal Exposure:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention.

**Oral Exposure:** If swallowed, seek immediate medical advice. Do NOT induce vomiting. Rinse mouth with water.

**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

## Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** Use dry chemical, carbon dioxide, dry sand, water spray, or alcohol-resistant foam.

**Hazardous Combustion Products:** Carbon oxides, irritating fumes and gases.

**Flash Point:** Not available

**Autoignition Temperature:** Not available

**Explosion Limits, Lower:** Not available

**Upper:** Not available

**NFPA Rating:** (estimated) Health: 2; Flammability: 0; Instability: 0

## Section 6 - Accidental Release Measures

### **Procedure(s) of Personal Precaution(s):**

Wear personal protective equipment. Do not ingest or inhale. Do not get on skin or clothing. Do not get in eyes. Ensure adequate ventilation.

**Methods for Cleaning up:** Absorb with sand, earth, or vermiculite. Carefully sweep up and containerize for proper disposal. Do not release to the environment. Do not release to drains.

## Section 7 - Handling and Storage

Use care when handling. Wear personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Do not ingest or inhale. Avoid contact with skin, eyes, and clothing. Keep away from incompatible materials. **Store in a tightly closed container in the refrigerator (4° C).**

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Personal Protective Equipment**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

**Exposure Limits:**

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Gelatin CAS#9000-70-8	Not listed	Not listed	Not listed
Glycerin CAS#56-81-5	Not listed	Not listed	5 mg/m <sup>3</sup> TWA 15 mg/m <sup>3</sup> TWA
Phenol CAS#108-95-2	5 ppm TWA Skin	15.6 ppm Ceiling 60 mg/m <sup>3</sup> Ceiling 5 ppm TWA 19 mg/m <sup>3</sup> TWA 250 ppm IDLH	5 ppm TWA 19 mg/m <sup>3</sup> TWA

**OSHA Vacated PELs:** Glycerin: 5 mg/m<sup>3</sup> TWA; 10 mg/m<sup>3</sup> TWA  
Phenol: 5 ppm TWA; 19 mg/m<sup>3</sup> TWA Skin

## Section 9 - Physical and Chemical Properties

**Physical State:** Jelly

**Appearance:** Clear, light-brown tint

**Odor:** Not available

**Vapor Pressure:** Not available

**Odor Threshold:** Not available

**Vapor Density:** Not available

**pH:** 4.5-6.5

**Relative Density:** Not available

**Melting point/freezing point:** Not available

**Solubility:** Soluble in water

**Boiling Point:** Not available

**Flash Point:** Not available

**Evaporation Rate:** Not available

**Flammability (solid, gas):** Not available

**Partition coefficient: n-octanol/water:** Not available

**Auto-ignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Viscosity:** Not available  
**Specific Gravity/Density:** Not available

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable in closed containers under normal storage and handling conditions. **Keep refrigerated (4° C).**

**Conditions to Avoid:** Incompatible materials, ignition sources, excess heat.

**Incompatibilities with other materials:** Strong oxidizing agents, strong bases, strong acids, halogens, metals, and lead.

**Hazardous Decomposition Products:** Carbon oxides, irritating fumes and gases.

## Section 11 - Toxicological Information

### **CAS#9000-70-8 Gelatin: RTECS#: LX8580000**

LD50 Oral: >5000 mg/kg (rat)

LD50 Dermal: Not available

LC50 Inhalation: Not available

**Carcinogenicity:** Gelatin CAS#9000-70-8 is not listed by IARC, NTP, ACGIH, OSHA, or California Prop 65.

### **CAS#56-81-5 Glycerin: RTECS#: MA8050000**

LD50 Oral: 12600 mg/kg (rat)

LD50 Dermal: >10 g/kg (rabbit)

LC50 Inhalation: >2.75 mg/L 4h (rat)(mist)

**Carcinogenicity:** Glycerin CAS#56-81-5 is not listed by IARC, NTP, ACGIH, OSHA, or California Prop 65.

### **CAS#108-95-2 Phenol:**

LD50 Oral: 340 mg/kg (rat)

LD50 Dermal: 630 mg/kg (rabbit)

LC50 Inhalation: 0.5667 mg/L 4h (dust/mist)

**Carcinogenicity:** Phenol CAS#108-95-2 is not listed by IARC, NTP, ACGIH, OSHA, or California Prop 65.

**Information on the likely routes of exposure:** Routes of entry anticipated: oral, dermal, inhalation, eye.

**Epidemiology:** Not available.

**Teratogenicity:** Not available.

**Reproductive Effects:** Experiments with Phenol have shown reproductive toxicity effects on laboratory animals.

**Developmental Effects:** Not available.

**Neurotoxicity:** Not available.

**Mutagenicity:** Suspected of causing genetic defects.

**Specific Target Organ Toxicity, Single Exposure:** Respiratory system, central nervous system.

**Specific Target Organ Toxicity, Repeated Exposure:** Kidney, liver, blood, skin, central nervous system.

**Symptoms associated with exposure:** Nausea, headache, vomiting, cough, mucosal irritations, shortness of breath. Damage of respiratory tract. Ingestion may cause severe swelling and damage to tissue, danger of perforation.

**The toxicological properties of this material have not been thoroughly investigated.**

## Section 12 - Ecological Information

**Ecotoxicity:** Do not release to the environment. Do not release to drains. Harmful to aquatic life with long lasting effects.

**CAS#56-81-5 Glycerin:**

LC50, freshwater fish: 51-57 mL/L 96h static (oncorhynchus mykiss)

**CAS#108-95-2 Phenol:**

LC50, freshwater fish: 4-7 mg/L 96h

EC50, freshwater algae: 0.0188-0.1044 mg/L 96h static (pseudokirchneriella subcapitata)

EC50, freshwater algae: 187-279 mg/L 72h static (desmodesmus subspicatus)

EC50, water flea: 4.24-10.7 mg/L 48h static (daphnia magna)

EC50, microtox: 21-36 mg/L 30min

EC50, microtox: 23.28 mg/L 5min

**Persistence and degradability:** Not available.

**Bio-accumulative potential:** Not available.

**Mobility:** Will likely be mobile in the environment due to its water solubility.

## Section 13 - Disposal Considerations

**DISPOSAL:** Dispose of in accordance with all federal, state, and local regulations.

## Section 14 – Transport Information

**DOT**

Non-Regulated

Section 15 - Regulatory Information
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### **Canada Regulatory Information**

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

Section 16 - Additional Information
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**SDS Creation Date:** 1/18/11

**Revision #1.** 11/19/14 RC

**Revision #2.** 12-19-18

**Revision #3.** 9-6-22

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