



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** STEPAN-MILD GCC  
**Version #** 16  
**Revision date** 12-22-2011  
**Product code** 2809  
**Chemical class** Fatty acid ester  
**Manufacturer** Stepan Company  
22 West Frontage Road  
Northfield, IL 60093  
**Emergency** Medical 1-800-228-5635  
Chemtrec 1-800-424-9300  
Chemtrec Int'l +1 703-527-3887  
**General information** General 1-847-446-7500

## 2. Hazards Identification

**Emergency overview** Contact with eyes may cause irritation. Contact with skin may cause irritation.

### Potential health effects

**Eyes** This product may cause slight irritation to the eyes.  
**Skin** Not expected to be a primary skin irritant. Prolonged or excessive skin contact with this product may cause mild skin irritation.  
**Inhalation** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Ingestion** No significant adverse effects are expected upon ingestion of the product.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
_Glycerides, C8-10 mono-, di- and tri- (Alt CAS 85536-07-8/85409-09-2)	91744-32-0	99
Glycerin	56-81-5	1

## 4. First Aid Measures

### First aid procedures

**Eye contact** Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes . If irritation persists get medical attention.  
**Skin contact** For skin contact flush with large amounts of water. If irritation persists get medical attention.  
**Inhalation** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention, if needed.  
**Ingestion** If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

## 5. Fire Fighting Measures

**Flammable properties** Not a fire hazard.

### Extinguishing media

**Suitable extinguishing media** Dry chemical, foam, carbon dioxide, water fog.

### Protection of firefighters

**Protective equipment and precautions for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions** Do not touch or walk through spilled material. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Wear appropriate protective equipment and clothing during clean-up.

Large Spills: Dike far ahead of liquid spill for later disposal.

Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

## 7. Handling and Storage

**Handling**

Do not get this material in contact with eyes. Wash thoroughly after handling.

**Storage**

Store in a dry area. Keep the container in a well-ventilated place. Keep from freezing. Keep away from heat.

## 8. Exposure Controls / Personal Protection

**Occupational exposure limits****ACGIH****Components****Type****Value****Form**

Glycerin (56-81-5)

TWA

10 mg/m<sup>3</sup>

Mist.

**U.S. - OSHA****Components****Type****Value****Form**

Glycerin (56-81-5)

PEL

15 mg/m<sup>3</sup>  
5 mg/m<sup>3</sup>

Total dust.  
Respirable fraction.

**Engineering controls**

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

**Personal protective equipment****General**

Eye wash fountain and emergency showers are recommended.

**Eye / face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection**

Use impervious gloves.

**Respiratory protection**

Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

## 9. Physical & Chemical Properties

**Physical state**

Liquid

**Melting point**

75.2 - 86 °F (24 - 30 °C)

**Flash point**

> 302 °F (> 150 °C) PMCC

**Evaporation rate**

Estimated slower than ethyl ether.

**Vapor pressure**

Not Applicable

**Vapor density**

Not Applicable

**Specific gravity**

0.992 @ 25 C

**Solubility (water)**

Dispersible

**RVOC**

0 %

**Viscosity**

37 cST @ 100 F

## 10. Stability & Reactivity

**Chemical stability**

Stable at normal conditions.

**Incompatible materials**

Strong oxidizing agents. This product may react with strong alkalies.

**Hazardous decomposition products**

None known.

**Possibility of hazardous reactions**

Will not occur.

## 11. Toxicological Information

Not available.

## 12. Ecological Information

### Ecotoxicological data

#### Components

#### Test Results

Glycerin (56-81-5)

LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss):  
51000 - 57000 mg/l 96 hours

#### Ecotoxicity

No data is available on the product itself.

## 13. Disposal Considerations

#### Disposal instructions

All wastes must be handled in accordance with local, state and federal regulations. Regulations vary. Dispose in accordance with all applicable regulations.

## 14. Transport Information

#### Notes

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15. Regulatory Information

#### US federal regulations

This product is regulated by the Food and Drug Administration (FDA) and therefore is not subject to the provisions of the Toxic Substances Control Act (TSCA). Use of this product in an application outside of those areas regulated by the Food and Drug Administration is prohibited within the United States of America.

This product is exempt from the Toxic Substances Control Act (TSCA) Inventory when used solely as a Cosmetic Ingredient.

This product is approved for use in Canada in personal care and cosmetic applications only.

#### Reportable Quantity

There is no calculable reportable quantity (RQ) for this product.

#### CERCLA (Superfund) reportable quantity

None

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### Section 302 extremely hazardous substance

No

##### Section 311 hazardous chemical

No

#### Inventory status

##### Country(s) or region

##### Inventory name

##### On inventory (yes/no)\*

Australia

Australian Inventory of Chemical Substances (AICS)

Yes

Canada

Domestic Substances List (DSL)

No

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (IECSC)

Yes

Europe

European Inventory of Existing Commercial Chemical Substances (EINECS)

Yes

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Inventory of Existing and New Chemical Substances (ENCS)

Yes

Korea

Existing Chemicals List (ECL)

Yes

New Zealand

New Zealand Inventory

Yes

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Yes

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

#### State regulations

##### US - New Jersey RTK - Substances: Listed substance

Glycerin (CAS 56-81-5)

Substance no. 3319

##### US - Pennsylvania RTK - Hazardous Substances: Listed substance

Glycerin (CAS 56-81-5)

Listed.

## 16. Other Information

### HMIS® ratings

Health: 1\*  
Flammability: 1  
Physical hazard: 0  
Personal protection: X

### NFPA ratings

Health: 1  
Flammability: 1  
Instability: 0

### Disclaimer

Terms and Conditions. This MSDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subject to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this MSDS, or in any other way related (directly or indirectly) to this MSDS. The receipt and use of this information constitutes consent to these terms and conditions.

### Issue date

12-22-2011