



Safety Data Sheet

Section 1

Product and Company Identification

Manufacturer

USGlycerin/CFB Michigan Inc.
27450 May Street
Edwardsburg, MI 49112
United States of America
Phone: 269-663-8855 Fax: 269-663-3054

Emergency Phone Numbers

847-285-1888 Normal Business Hrs.
USA & Canada Chemtrec 800-424-9300
International Chemtrec 703-527-3887

Recommended Usage: Industrial Applications

Other Identifier: Glycerin – Industrial Grade

Product Name: Glycerin 99.5% Technical

Section 2 Hazards Identification

Classification of the Mixture: Clear or light yellow liquid. No distinct odor.

Most Important Hazards: None

Hazard Classification: None

Signal Word: None

Pictograms:

Precautionary Statements:

Inhalation – None

Skin – None

Eyes - None

Ingestion – None

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with provisions of GHS.

Quantity of Ingredients with Unknown Acute Toxicity: 0.5%

Section 3 Composition Information on Ingredients

Ingredient	WT %	CAS #
Glycerin	>99	56-81-5

Section 4 First Aid Measures

Eyes: Flush eyes immediately with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

Skin: Wash skin thoroughly with soap and water. Launder all contaminated clothing before reuse. If skin irritation or rash develops obtain medical assistance.

Ingestion: Product is non-toxic. Do not induce vomiting.

Inhalation: Not likely to occur except as a mist. Move to fresh air and provide oxygen if necessary. Obtain emergency medical attention.

Section 5 Fire Fighting Measures

Flammable Properties:

Flash point: 320°F (ASTM D-56) Flammable limits in air: N/A Auto ignition temperature: NA

Extinguishing media: CO₂, dry chemical, foam

Special fire fighting measure:

Procedures for an oil fire should be followed. Use self contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool.

Section 6 Accidental Release Measures

- Advise EPA/state agency if required.
- Absorb spillage with inert absorbent material.
- Contain spill and keep from entering waterways or sewers.
- Use proper personal protective equipment for clean-up.
- Treat contaminated absorbent same as spilled product.

Section 7 Handling and Storage

Handling and Storage Precautions: Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. NFPA Class IIIB storage.

Do not allow product to freeze. If product freezes allow product to thaw completely prior to use.

Work/Hygienic Practices: Wash thoroughly after handling. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs.

Section 8 Personal Protection/ Exposure Controls

Engineering Controls: Keep mists of this material below applicable standards.

Respiratory Protection: Not required. If occupational exposure limits are exceeded wear NIOSH approved apparatus.

Skin Protection: Not required. Wear protective impervious gloves and clothing on prolonged exposure. Acceptable materials for gloves are polyvinyl chloride; neoprene; polyvinyl alcohol; nitrile; viton.

Eye Protection: Glasses or goggles. Have suitable eye wash water available.

Other/General Protection: None required.

Section 9 Physical and Chemical Properties

Color:	Colorless	Vapor Pressure:	N/A °F	Solubility in Water:	Soluble
Appearance:	Clear Liquid	% Volatile by Volume:	N/A	Evaporation Rate	
Odor:	Characteristic	Vapor Density (air = 1):	N/A	(Water = 1):	<1
Boiling Point:	>350° F	Reactivity in Water:	Non-reactive	Specific Gravity:	1.261
pH@ 10%:	N/D	Viscosity @ 40C:	N/A		

Section 10 Stability and Reactivity

Stability: Stable **Conditions to avoid:** Sources of ignition. **Incompatibility:** Strong oxidizing or reducing agents.

Decomposition Products: Oxides of Carbon and Hydrogen. **Hazardous Polymerization:** Will not occur.

Section 11 Toxicological Information

Likely Routes of Exposure: Inhalation, skin, eyes and ingestion.

Potential Health Effects:

Eye Effects: Minimal irritation on contact

Skin Effects: Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated contact

Oral Effects: Tests on similar materials indicate low order of acute oral toxicity.

Inhalation Effects: Low acute toxicity expected on inhalation

Chronic Health Effects: Not Classified

Mutagenicity: Not Classified

Carcinogenicity: Not Classified

Teratogenicity: Not Classified

Sensitization: Not Classified

Toxicological Data:

Section 12 Ecological Information

Not classified due to inadequate data available on this mixture. Recommend avoidance of release to the environment.

Section 13 Disposal Considerations

Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Dispose of container by recycling or if permitted incineration.

Section 14 Transportation Information

Proper Shipping Name: Glycerin

Shipping Class: 55

Dot Identification Number: N/A

Dot Shipping Label: Not regulated by DOT.

TDG Classification: Not controlled under TDG (Canada).

Section 15 Regulatory Information

U.S. Federal Regulatory Information:

SARA 302 Threshold Planning Quantity: N/A

SARA 304 Reportable Quantity: N/A

SARA 311 Categories:

Acute Health Effects: None

Chronic Health Effects: None

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

EPA Hazard Classification Code: Not applicable

CERCLA: No chemicals in this product are subject to the reporting requirements of CERCLA.

SARA Title III - Section 313 Supplier Notification: No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

WHMIS Classification: WHMIS controlled. Class D; Division 2, Subdivision B: otherwise causing toxic effects.

Other Regulations: All components of this formulation are listed on the CEPA-DSL (Domestic Substance List)

Section 16 Other Information

NFPA Hazard Rating:

Health:	1	Slight
Flammability:	1	Slight
Reactivity:	0	Negligible

SDS Dated: 5/04/2015

SDS Revision Date: 5/04/2015

*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

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