

DMSO STORE™

Safety Data Sheet

Version 5.50

Issue date: 2-13-2023

1. IDENTIFICATION

Product Identifier

Product name Glycerin
Product code

Recommended use of chemical and restrictions on use:

Recommended use None Advised

Details of the supplier of the safety data sheet

Supplier address DMSO Store Inc.
3580 SW 30th Ave
Fort Lauderdale FL
33312

Emergency telephone number

Company number 954-616-5699
Emergency telephone (24 hr.) 772-834-3947

2. HAZARDS IDENTIFICATION

Classification

Product definition Substance
Classification of Substance Non-hazardous according to OSHA
Other hazards that do not require classification None

Glycerin CAS No. 56-81-5 % wt. 100

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Not applicable

4. FIRST AID MEASURES

Eye Contact

Do not rub eyes. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical attention.

Skin Contact

If skin irritation does occur, wash with soap and flush with plenty of water. Remove contaminated clothes and shoes.

Inhalation

May cause respiratory irritation, if this occurs, remove to fresh air.

Ingestion

If swallowed rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Do not leave the victim unattended. If the victim becomes unconscious, Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media suitable for the surrounding fire, such as dry chemical, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing media

Water jets or streams may spread the fire.

Specific hazards arising from the chemical

The product is combustible at high temperatures. Closed containers may rupture under pressure if exposed to high heat.

Products of combustion

None.

Protective Equipment and precautions for firefighters

As in any fire, wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures.

Personal precautions

Use personal protection recommended in Section 8. Ventilate area. NO SMOKING. Clean up spills immediately as spills can create a slip hazard.

Environmental precautions

Prevent entry into waterways, sewers, or soil.

Methods and materials for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so. Do not allow runoff. Do not flush spills down the drain. Cover spill with absorbent, do not use combustible material when absorbing.

Methods for clean-up

Contain spill. Carefully collect material and place in a proper container for disposal. Clean the area with soap and water.

7. HANDLING AND STORAGE

Advise on safe handling

Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in section 8. NO SMOKING. Practice good ventilation when handling this material.

Incompatible Materials

strong oxidizers, strong bases

Storage

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep the container tightly closed to prevent moisture absorption.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate engineering controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Eyewash stations

Individual protections measure

Eye/face protection

Wear safety glasses with side shields

Skin and body protection

Wear protective clothing and gloves when handling material. Gloves should be made of material that is impermeable to chemicals and oil.

Respiratory Protection

Work in a well-ventilated area. Wear an approved respirator if vapors are above permissible exposure limits.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|------------------------|
| Physical State | Liquid |
| Appearance | Clear colorless liquid |
| Color | Colorless |
| Property values pH | 5.5-8.0 |
| Melting Point/ Freezing point | 18 ° C |
| Flash Point | 177 ° C |
| Upper Flammability limits | N/A |
| Lower Flammability limits | N/A |
| Vapor Pressure | >0.01 hPa at 20° C |
| Boiling Point Range | 290° C |
| Relative Density | N/A |
| Water Solubility | Miscible |
| Odor | Mild |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| <u>Reactivity</u> | Not reactive under normal conditions |
| <u>Chemical Stability</u> | Stable under recommended storage conditions |
| <u>Hazardous Reactions</u> | May react violently with incompatible materials. |
| <u>Conditions to Avoid</u> | Extreme heat, Incompatible materials, moisture |
| <u>Incompatible materials</u> | Moisture, strong oxidizers, sulfuric acid, strong acids, direct light exposure. |
| <u>Hazardous Decomposition Products</u> | Thermal Oxides of Carbon |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|--------------|---|
| Eye Contact | May cause eye irritation. Signs and symptoms may include redness, swelling, tearing, and blurry vision. |
| Skin Contact | May cause skin irritation. Signs and symptoms may include localized redness, swelling and itching. |
| Inhalation | May cause respiratory irritation in high air concentrations. |
| Ingestion | May cause gastrointestinal irritation. Symptoms may include stomach upset, nausea, vomiting and diarrhea. |

Component information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------|------------------|-------------------|-----------------|
| Sodium Carbonate | 12,600 mg/kg rat | >10,000 mg/kg rat | >570 mg/m rat |

Information on physical, chemical, and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and immediate effects

| | |
|-----------------|---|
| Carcinogenicity | This product does not contain any carcinogenic or potential carcinogens as listed by OSHA, IARC |
| Mutagenicity | No genotoxic activity was observed |

12. ECOLOGICAL TOXICITY

| <u>Chemical name</u> | <u>Algae/Aquatic Plants</u> | <u>Fish</u> | <u>Aquatic invertebrates</u> |
|----------------------|-----------------------------|---|---|
| <u>Glycerine</u> | | LC ₅₀ -Carp, 48 h: 1,00 mg/l | LC ₅₀ - Daphnia magna (water flea) 48h: 265 mg/l |

Persistence/ Degradability This substance is biodegradable.

Bioaccumulation Has a low potential for bioaccumulation.

Mobility Mobility in soil is very high.

Other adverse Effects Not Determined.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Disposal should be in accordance with applicable regional, national, and local laws and regulations

14. TRANSPORTATION INFORMATION

| | |
|------|---------------|
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |
| ADR | Not regulated |

15. REGULATORY INFORMATION

Chemical Inventories

TSCA

All Ingredients are listed in compliance with the chemical notification requirements of TSCA.

US Federal Regulations

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200

SARA 313

Not Listed

CWA (Clean water Act)

This product does not contain any substance regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and (40 CFR 122.42). US State Regulations Not determined.

California Proposition 65

This product does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Massachusetts

US Massachusetts Right to Know law, no components are listed.

New Jersey

US New Jersey Right to Know Act.

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Pennsylvania

US Pennsylvania Worker and Community Right to Know Law,

Glycerin (CAS #56-81-5)

16. OTHER INFORMATION

NFPA

| Health Hazards | Flammability | Instability | Special Hazards |
|----------------|--------------|-------------|-----------------|
| 1 | 1 | 0 | None determined |

HMIS

| Health Hazards | Flammability | Physical Hazards | Personal Protection |
|----------------|--------------|------------------|-------------------------------|
| 0 | 1 | 0 | B= safety glasses and goggles |

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as guidance for safe handling, use, processing, storage, transportation, and disposal. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

End of Safety Data Report