



1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|------------------------|--|
| Product name | Vegetable Glycerin |
| Product code | RM-GLYCE |
| CAS # | 56-81-5 |
| Product use | Domestic and Industrial |
| Supplier | WFMed |
| Address | 8245 Backlick Rd Unit D, Lorton VA 22079 USA |
| Telephone number | 888-WFMED-97 (888-936-3397) |
| Emergency phone number | 888-WFMED-97 (888-936-3397) |

2. HAZARD(S) IDENTIFICATION

GHS Hazard Classification

Not a hazardous substance or mixture.

GHS Label Elements

Not a hazardous substance or mixture.

Hazards Not Otherwise Classified (HNOC)

No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Product Name</u> | <u>CAS NO</u> | <u>Concentration</u> |
|---------------------|---------------|----------------------|
| Glycerin | 56-81-5 | 100% |

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact

Check for 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 if symptoms appear.

Ingestion

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Have conscious person drink several glasses of water or milk. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

No additional information available.

Indication of any immediate medical attention and special treatment needed

No additional information available. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Water spray, water jet, foam, dry powder, carbon dioxide. Fight large fires with water spray or alcohol resistant foam.

Specific hazards arising from the chemical

Carbon oxides (CO, CO₂), aldehyde acrolein.

Special protective equipment and precautions for firefighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Further information

Contact with CrO₃, Potassium chlorate or potassium permanganate may produce an explosive mixture.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Splash goggles, Full suit, Vapor respirator, Boot, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient, consult a specialist BEFORE handling this product.

Environmental precautions

Keep away from drains, surface and groundwater. Report spills to appropriate authorities if required.

Methods and materials for containment and cleaning up**Methods for containment**

Contain and collect spillage with Non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

Methods for cleaning up

Keep away from heat. Keep away from source of ignition. 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 dispose of according to local and regional authority requirements.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from heat and away from strong oxidizing agents.

Incompatible materials

Keep away from incompatibles such as oxidizing products. Reactive with oxidizing agents

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory books.

Exposure controls

Engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value (TLV)

Personal protective equipment

Eye/Face protection: Use tightly sealed goggles.

Skin/Body protection: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory protection: Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

General hygiene considerations

Acceptable industrial hygiene practices should be maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------------|---|
| Physical state | Liquid |
| Appearance | Colorless, Liquid (Viscous) |
| Odor | Odorless |
| Melting Point/Freezing Point | 18°C(64°F) |
| Boiling Point | 290°C(554°F) |
| Specific Gravity | 1.249 |
| Flash point | 199°C(390°F) |
| Solubility | Easily soluble in hot & cold Water, Methanol, Acetone |

10 . STABILITY AND REACTIVITY

Reactivity

Stable

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

None

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition

When heated to decomposition produces carbon dioxide and monoxide smoke

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects**Acute toxicity**

Acute oral toxicity (LD50): 4090 mg/kg [Mouse]

Acute dermal toxicity (LD50): 10946 mg/kg (Rabbit)

Skin corrosion/irritation

Adverse skin effects should be prevented by normal care and personal hygiene.

Serious eye damage/eye irritation

May irritate eyes

Respiratory or skin sensitisation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Possibly hazardous short term degradation products are not likely. However long term degradation products may arise. Avoid any pollution of ground, surface or underground water.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

US DOT (Land)

Not regulated.

IMDG/IMO (Sea)

Not regulated.

IATA/ICAO (Air)

Not regulated.

15. REGULATORY INFORMATION

SARA 311/312/313 Hazard Categories

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Regulatory Lists

CEPA DSL: 1,2,3-Propanetriole, Water

OSHA: hazardous by definition of Hazard Communication Standard (29 CFR 1910. 1200)

Other Classifications:

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

HCS (U.S.A.) Class: target organ effects

USA Regulatory Lists: TSCA 8(d) Hand S data reporting: 1,2,3-Propanetriol

DSCL(EEC): R16-Explosive when mixed with oxidizing substances

16. OTHER INFORMATION

Creation date: 12/30/2020

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Disclaimer & Caution:

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