

MATERIAL SAFETY DATA SHEET

ORGANIC GLYCERIN

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: GLYCERIN - ORGANIC

Product Use: Personal Care Formulations

Company Name: Natural Sourcing

Company Address: Brahm Arpan Organics Pvt. Ltd.

Date Issued: 10/12/2013

Emergency Telephone Number: Chemtrec Tel: +91-11-47049999

email: contact@health-fields.com

2. COMPOSITION/INGREDIENT INFORMATION

Molecular Weight: 92.09 g mol⁻¹

Chemical Formula: C₃H₈O₃

Hazardous Components: None

CAS #: 8001-31-8

3. HAZARDS IDENTIFICATION

Emergency Overview:

This product has been evaluated and does not require any hazard warning on the label under OSHA criteria. Low hazard for usual industrial or chemical handling by trained personnel.

Routes of Entry

Eye Contact: May cause minor, transient irritation

Skin Contact:

A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion:

Single dose oral toxicity is low. Amounts ingested incidental to industrial handling are not likely to cause injury, however, ingestion of large amounts may cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels.

Inhalation: Inhalation of fine mist may effect respiratory system

4. FIRST AID MEASURES

Eyes:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching or burning sensation develops, have eyes examined and treated by medical personnel.

Skin: Wash with soap and flush with plenty of water

Ingestion:

DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take directions from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation:

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

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Medical Conditions Generally Aggravated

by Exposure: None Known

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, Dry Chemical, Carbon Dioxide, Foam

Fire Hazards in Presence of Various

Substances: Non-Flammable

Explosion Hazards in Presence of Various

Substances: Not Available

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:

Contain material by diking the area around the spill. Absorb the spill using a suitable absorbent material, then shovel into recovery drums. If material is released into the environment, the user should determine whether the spill should be reported to the appropriate state and federal authorities.

7. HANDLING AND STORAGE

Handling

Safe Handling:

Avoid direct or prolonged contact with skin and eyes. Avoid breathing mist.

Storage

Requirements for Storage Areas and

Containers:

Store in a cool, well-ventilated area in sealed containers. Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance to the section entitled Disposal Considerations.

Exposures Guidelines:

Control airborne concentrations below the exposure guidelines. Wear the following to prevent skin contact: work pants, long sleeve work shirt, and work gloves. Where there is the danger of eye contact, wear splash proof goggles.

Occupational Exposure Limits:

PEL TWA: 10 mg/m³ (glycerin mist-total dust)

TWA: 5 mg/m³ (glycerin mist-respirable fraction)

TLV TWA: 10 mg/m³ (glycerin mist)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, viscous

Color: Colorless

Odor: Odorless

Boiling Point: 290°C

Vapor Density (AIR = 1): Not Applicable

Melting Point: 17.8°C

Specific Gravity (H₂O = 1): >1.00

Solubility in Water: Soluble

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10. STABILITY AND REACTIVITY

Stability:

This material is stable under normal conditions described in that section.

Incompatibility (Materials to Avoid): Avoid strong oxidizers as well as strong acids.

Conditions to Avoid: Avoid excessive heat and open flames.

Hazardous Decomposition or Byproducts: Not degradable

11. TOXICOLOGICAL INFORMATION

Eye irritation: Data not available

Skin Irritation: Data not available

Inhalation: Data not available

Oral LD₅₀: Data not available

Dermal LD₅₀: Data not available

Inhalation LC₅₀: Data not available

12. ECOLOGICAL INFORMATION

Organically produced - ecofriendly

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261
Consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORT INFORMATION

US Department of Transportation: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES (TSCA) All ingredients are on the TSCA Chemical Substance Inventory

DSL (Canadian Domestic Substance List): All ingredients are listed on the Canadian DSL

OSHA Hazard Communication Standard, 29

CFR 1910.1200, Hazard Summary:

Physical Data: None

Health Hazards: None

WHMIS Classification: Non-controlled (Nonhazardous)

CERCLA and SARS Regulations (40 CFR 355,
370, and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:

No SARA 313 Chemicals for this product.

SARA 311 / 312 Hazard Categories:

Immediate: NO

Delayed: NO

Fire: NO

Pressure: NO

Reactivity: NO

State Regulations: California Proposition 65: Not a Prop. 65 material

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16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

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