



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Mono and Diglyceride Flakes
Version # 14
Revision date 01-24-2013
Product code 2814
Chemical class Fatty acid ester
Manufacturer [Redacted]

Emergency

General information

2. Hazards Identification

Emergency overview Contact with skin may cause irritation. Contact with eyes 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
_Glyceryl Monostearate	123-94-4	>40

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 Wash off with soap and water. For skin contact flush with large amounts of water. If irritation persists get medical attention. Wash clothing separately before reuse.

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 ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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 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 containment Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Wear appropriate protective equipment and clothing during clean-up.

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.

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

7. Handling and Storage

Handling Avoid contact with skin and eyes. Wash hands thoroughly after handling.

Storage Store in cool place. Keep in a well-ventilated place. Guard against dust accumulation of this material. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

8. Exposure Controls / Personal Protection

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 chemical goggles. Face-shield.

Skin protection Wear suitable protective clothing. Use impervious gloves.

Respiratory protection If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

General hygiene considerations Eye wash fountain and emergency showers are recommended.

9. Physical & Chemical Properties

Physical state Solid

Form Solid.

Freezing point 140 °F (60 °C)

Flash point > 201 °F (> 93.9 °C)

Evaporation rate Estimated slower than ethyl ether.

Flammability limits in air, upper, % by volume NOT DETERMINED.

Flammability limits in air, lower, % by volume NOT DETERMINED.

Vapor pressure Not Applicable

Vapor density Not applicable.

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

Not available.

13. Disposal Considerations

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

14. Transport Information

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

15. Regulatory Information

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)	Yes
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	Yes

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

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 0
Flammability: 1
Physical hazard: 0
Personal protection: X

NFPA ratings
Health: 0
Flammability: 1
Instability: 0

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This data sheet contains changes from the previous version in section(s): Product and Company Identification: Product and Company Identification
Regulatory Information: Canada



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