

MATERIAL SAFETY DATA SHEET

Stock product

Matreya LLC

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MSDS Ref. No: 1534
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Revision No: 3

N-Palmitoyl-D3-lactosylceramide**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: N-Palmitoyl-D3-lactosylceramide
PRODUCT DESCRIPTION: N-Palmitoyl-D3-lactosylceramide
PRODUCT CODE: 1534
MANUFACTURER

Matreya LLC
 168 Tressler Street
 Pleasant Gap, PA 16823
 Ph # 814-359-5060

24 HR. EMERGENCY TELEPHONE NUMBERS**800-424-9300****2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>	<u>EINECS#</u>
N-C16:0-D3-lactosylceramide, Lactosylceramide with C16:0-D3 fatty acid side chain	100		

COMMENTS: Source: semisynthetic, bovine buttermilk

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: solid

IMMEDIATE CONCERNS: R36/37/38 - Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Substance may be harmful if swallowed.

INHALATION: Low hazard for usual industrial or commercial handling.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Contact causes skin irritation.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

ACUTE TOXICITY: Slightly irritating to eyes and respiratory tracts.

CARCINOGENICITY: This material not known to cause cancer in animals or humans.

COMMENTS HEALTH: The toxicological properties of this material have not been fully investigated.

4. FIRST AID MEASURES

EYES: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

SKIN: Wash with soap and water.

INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water in order to prevent pressure build-up, autoignition or explosion.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Avoid breathing (dust, vapor, mist, gas).

STORAGE: Store at -20°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: solid

BOILING POINT: > 300°C

MOLECULAR WEIGHT: 865

MOLE. WT. FORMULA: C₄₆H₈₄D₃NO₁₃

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

STABILITY: Stable.

POLYMERIZATION: Will not occur.

INCOMPATIBLE MATERIALS: Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Not available

SKIN EFFECTS: Not available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not flush to sewer.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: This material and its container must be disposed of in a safe way.

PRODUCT DISPOSAL: Dispose of waste in accordance with all State, Federal, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted

TECHNICAL NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO

16. OTHER INFORMATION

REVISION SUMMARY Revision #: 3 This MSDS replaces the April 30, 2009 MSDS. Any changes in information are as follows: In Section 9 Molecular Weight #

MANUFACTURER SUPPLEMENTAL NOTES: **Not for drug or diagnostic use.**

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