

MATERIAL SAFETY DATA SHEET

Stock product

Matreya LLC

Date-Issued: 03/22/2007
MSDS Ref. No: 1631
Date-Revised: 01/19/2011
Revision No: 6

N-Dodecanoyl-NBD-ceramide trihexoside**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: N-Dodecanoyl-NBD-ceramide trihexoside
PRODUCT DESCRIPTION: N-Dodecanoyl-NBD-ceramide trihexoside
PRODUCT CODE: 1631, 1631-001

MANUFACTURER

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 Pleasant Gap, PA 16823
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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-C12:0-NBD-CTH; N-C12:0-NBD-globotriaosylceramide | 100 | | |

COMMENTS: Source: semisynthetic, porcine RBC

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: Get medical attention immediately.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Available

AUTOIGNITION TEMPERATURE: Not Available

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

MOLECULAR WEIGHT: 1145

MOLE. WT. FORMULA: C₅₄H₉₁N₅O₂₁

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Avoid uncontrolled releases of this material.

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 #: 6 This MSDS replaces the April 30, 2009 MSDS. Any changes in information are as follows: In Section 3 Physical Appearance

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

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