N-Dodecanoyl-NBD-ceramide trihexoside: sc-360252

MATERIAL SAFETY DATA SHEET

The Power to Question

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: N-Dodecanoyl-NBD-ceramide trihexoside
Product Number: sc-360252

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877–715–9305
Outside the US & Canada: +800 2436 2255 (1–800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: N-C12:0-NBD-CTH; N-C12:0-NBD-globotriaosylceramide
CAS#: Not Available
EINECS#: Not Available
COMMENTS
Source: Semisynthetic, porcine RBC

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
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: $C_{54}H_{91}N_5O_{21}$

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 AND IATA
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

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

3/21/2012