

**MATERIAL SAFETY DATA SHEET**

Stock product

**Matreya LLC****Date-Issued:** 09/07/2004**MSDS Ref. No:** 1049**Date-Revised:** 06/01/2010**Revision No:** 5**Sulfatides****1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** Sulfatides**PRODUCT DESCRIPTION:** Sulfatides**PRODUCT CODE:** 1049**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>
Ceramide-galactoside-3-sulfate; cerebroside sulfate	100	85496-63-5	

**COMMENTS: Source:** natural, bovine spinal cord**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.

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**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.

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## 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.

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## 6. ACCIDENTAL RELEASE MEASURES

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

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## 7. HANDLING AND STORAGE

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

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

**STORAGE:** Store at -20C

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## 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Solid

**MOLECULAR WEIGHT:** 830 (stearoyl, Na<sup>+</sup> salt)

**MOLE. WT. FORMULA:** C<sub>42</sub>H<sub>80</sub>NNaO<sub>11</sub>S

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Avoid uncontrolled releases of this material.

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Not available

**SKIN EFFECTS:** Not available

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Do not flush to sewer.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not restricted

**TECHNICAL NAME:** Nonhazardous

**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

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## 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**

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## 16. OTHER INFORMATION

**REVISION SUMMARY** Revision #: 5 This MSDS replaces the January 12, 2010 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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