

**MATERIAL SAFETY DATA SHEET**

Stock product

**Matreya LLC**

**Date-Issued:** 11/17/2005  
**MSDS Ref. No:** 1863  
**Date-Revised:** 10/30/2009  
**Revision No:** 4

**Propyleneglycol monostearate****1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Propyleneglycol monostearate  
**PRODUCT DESCRIPTION:** Propyleneglycol monostearate  
**PRODUCT CODE:** 1863  
**MANUFACTURER**

Matreya  
 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>
2-Hydroxypropyl stearate; Propylene glycol stearate 1,2-propanediol monoctadecanoate.	100	1323-39-3	

**COMMENTS:** Source: synthetic**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:** 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 or give oxygen by trained personnel. Seek immediate medical attention.

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## 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.

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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

**PHYSICAL STATE:** Solid

**BOILING POINT:** > 300°C

**MELTING POINT:** 40°C to 45°C

**MOLECULAR WEIGHT:** 342

**MOLE. WT. FORMULA:** C<sub>21</sub>H<sub>42</sub>O<sub>3</sub>

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

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## 11. TOXICOLOGICAL INFORMATION

**ACUTE**

**ORAL LD<sub>50</sub>:** 26000 mg/kg (mice)

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## 12. ECOLOGICAL INFORMATION

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**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.

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

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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 #: 4 This MSDS replaces the April 30, 2009 MSDS. Any changes in information are as follows: In Section 1 Product Code

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

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