**Glyceryl Stearate**

**Material Safety Data Sheet (MSDS)**

1. **PRODUCT IDENTIFICATION**

   **Product Name:** Glyceryl Stearate  
   **INCI Name:** Glyceryl Stearate  
   **Chemical Name:** Glyceryl Stearate  
   **CAS Number:** 123-94-4, 11099-07-3, 31566-31-1, 85666-92-8  
   **EINECS Number:** n/a  
   **Origin:** synthetic

2. **PHYSICAL & CHEMICAL PROPERTIES**

   - **Melting Point:** 55°C  
   - **Boiling Point:** >300°F  
   - **Density:** n/a  
   - **% Volatile by Volume:** n/a  
   - **Specific Gravity:** n/a  
   - **Solubility in water:** soluble in hot organic solvents  
   - **pH Value:** n/a  
   - **Appearance & Odor:** off-white flake with faint odor

3. **STABILITY & REACTIVITY**

   - **Chemical Stability:** stable under normal conditions  
   - **Incompatibility:** strong oxidizing agents and strong alkali or caustic materials.  
   - **Hazardous Decomposition:** May emit noxious fumes of CO

4. **HANDLING & STORAGE**

   Avoid container damage. Store in sealed containers preferably away from heat and light. Use according to criteria of good industrial practice, avoid dispersion in the environment.

5. **ACCIDENTAL RELEASE MEASURES**

   Use gloves and goggles during clean up. Product is biodegradable. Contain spilled material and transfer to secure containers. Dispose of in accordance with all local, state, and federal regulations. Sweep up and recover or mix material with moist absorbent and shovel.

6. **EXPOSURE CONTROLS & PERSONAL PROTECTION**

   - **Respiratory Protection:** Provide adequate ventilation.  
   - **Protective Clothing:** Gloves recommended to prevent prolonged skin contact. Safety glasses, goggles, or face shield recommended for eye protection.  
   - **Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. **HAZARDS IDENTIFICATION**

   - **Inhalation:** not a likely route of entry.  
   - **Eye Contact:** Not a primary irritant.  
   - **Skin Contact:** Not a primary irritant  
   - **Ingestion:** not a likely route of entry.  
   - **Chronic Exposure:** n/a.

8. **FIRST AID MEASURES**

   - **Eyes:** Immediately flush eyes with copious amounts of water for at least 15 minutes.  
   - **Skin:** Wash exposed areas of the body with copious amounts of soap and water.  
   - **Inhalation:** Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.  
   - **Ingestion:** Seek medical advice do not induce vomiting.

9. **FIRE FIGHTING MEASURES**

   - **Explosive Limits:** not determined  
   - **Extinguishing Media:** dry chemical, carbon dioxide, foam, water or fog.  
   - **Fire Fighting Procedures:** Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Combustion may emit noxious fumes.

10. **TOXICOLOGICAL INFORMATION**

    - **Acute LD50:** n/a  
    - **Dermal Irritation Test:** not irritant  
    - **Eye Irritation Test:** not irritant  
    - **Carcinogenicity, Mutagenicity:** no data available

11. **DISPOSAL CONSIDERATIONS**

    Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Dispose of in authorized landfill or incinerate in accordance with local regulations.

12. **TRANSPORT INFORMATION**

    - **General:** non hazardous  
    - **DOT Shipping Name:** Refer to corresponding hazard class  
    - **ADR/RIC Code:** Refer to corresponding hazard class  
    - **Sea Transport IMDG Code:** Refer to corresponding hazard class  
    - **Air Transport IATA:** Refer to corresponding hazard class

13. **DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.

ALL DATA HEREIN ARE ALL AS PER OUR SUPPLIER.