

## PEG-150 DI STEARATE

### Material Safety Data Sheet (MSDS)

#### 1. PRODUCT IDENTIFICATION

Product Name: PEG-150 distearate  
 Chemical Name: Poly(oxy-1,2-ethanediyl), a-(1-oxooctadecyl)- ?-  
 [(1-oxooctadecyl)oxy]-  
 I NCI Name: Polyethylene glycol 6000 distearate  
 CAS Number: 9005-08-7  
 EINECS Number: not available

#### 2. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	150°C (303°F)
Specific Gravity, H <sub>2</sub> O= 1:	1.075
Vapor Pressure, mmHg:	< 1
Vapor Density, Air= 1:	> 1
Volatiles, % by Volume:	negligible
Evaporation Rate:	< 1
Water Solubility (% by vol.):	soluble (0-10%)
Appearance & Odor:	white flakes, characteristic odor

#### 3. STABILITY & REACTIVITY

General: stable and hazardous polymerization will not occur  
 Incompatible Materials to Avoid: Strong oxidizing agents  
 Hazardous Decomposition Products: Combustion produces carbon monoxide, carbon dioxide along with thick smoke

#### 4. HANDLING & STORAGE

Store in closed containers at a cool place protected from humidity. Keep away from oxidizing agents, excessive heat, and frost. Store and use in well ventilated areas. Do not store or use near heat, spark, or flamer; also store out of sun. Do not puncture, drag, or slide this container. Drum is not pressure vessel; never use pressure to empty.

#### 5. ACCIDENTAL RELEASE MEASURES

Spill Clean-up Procedures: Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels. "Oil dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

#### 6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Usually not required. If vapors or mists are generated, wear a NIOSH approved vapor/mist respirator.  
 Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.  
 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: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.  
 Eye Contact: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

Skin Contact: Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.  
 Ingestion: No hazards anticipated from ingestion incidental to industrial exposure.

#### 8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.  
 Skin: Wash exposed areas of the body with soap and water.  
 Inhalation: Remove from area of exposure, seek medical attention if symptoms persist.  
 Ingestion: Give one or two glasses of water to drink. Do not give sodium bicarbonate, fruit juices, or vinegar. Do not induce vomiting, unless advised by a physician or poison control center

#### 9. FIRE FIGHTING MEASURES

Flash Point: > 150°C / > 300°F (COC)  
 Flammability Limits: None known  
 Extinguishing Media: Dry chemical, foam, halon, CO<sub>2</sub>, water spray (fog). Water stream may splash burning liquid and spread fire.  
 Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.  
 Unusual Fire & Explosion Hazards: none

#### 10. REGULATORY INFORMATION

OSHA Status: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Section 7.  
 TSCA Status: The components of this product are listed on TSCA

#### 11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

#### 12. TRANSPORT INFORMATION

UN Hazard Class: n/a

#### 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 suitability & completeness of such information for his own particular use.

ALL DATA HEREIN ARE ALL AS PER OUR SUPPLIER.