

GLYCOL STEARATE STEARAMIDE

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Glycol stearate IP
INCI Name: Glycol stearate & stearamide AMP
Chemical Name: 2-hydroxyethyl stearate & octadecanamide
CAS Number: 111-60-40, 36284-86-3
EINECS Number: 203-886-9

2. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	57 – 60°C (135 - 140°F)
Specific Gravity, H ₂ O= 1:	not available
Vapor Pressure, mmHg:	not available
Vapor Density, Air= 1:	not available
Volatiles, % by Volume:	not available
Evaporation Rate:	not available
Solubility in Water:	water-insoluble
HLB Value:	not available
Appearance:	cream to white flakes, faint odor

3. STABILITY & REACTIVITY

General: stable, hazardous polymerisation will not occur
Incompatible Materials / Conditions to Avoid: may react with strong oxidizing agents, alkalis.
Hazardous Decomposition Products: may yield oxides of nitrogen and ammonia.

4. HANDLING & STORAGE

Store in closed containers protected from humidity. Keep away from oxidizing agents, excessive heat, and ignition sources. 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 water or absorbent materials such as paper towels. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent. Caution: slippery surface.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Under normal conditions vapor/mist respirator is normally not required.
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

General: May cause irritation to eyes and skin.
Eyes: May cause irritation to eyes.
Skin: Not expected to be a primary skin irritant. Prolonged or excessive skin contact may cause mild skin irritation.

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.
Skin: Wash exposed areas of the body with water.
Inhalation: Remove from area of exposure to fresh air, seek medical attention if symptoms persist.
Ingestion: If symptoms develop, consult medical personnel. Never give anything to mouth to an unconscious person.

9. FIRE FIGHTING MEASURES

Flash Point: not available
NFPA Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0
Extinguishing Media: Dry chemical, foam, CO₂, water.
Special Fire Fighting Procedures: Firefighters should use self-contained NIOSH approved breathing apparatus to avoid exposure to smoke and vapor.

10. TOXICOLOGICAL INFORMATION

Carcinogenicity: Not listed as carcinogenic according to IARC, NTP or OSHA. Glycol stearate (111-60-4): Not Classifiable as a Human Carcinogen.
Toxicity: Oral LD50 Rat: 4700 mg/kg; Oral LD50 Mouse: 5500 mg/kg; Dermal LD50 Rabbit: 9530 microliters/kg

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

DOZ Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

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.

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