



# Material Safety Data Sheet

## Steareth-2

Last Revised: 6/29/06

### 1. Product Identification

**Product Name:** Steareth-2  
**Chem. N.:** Steareth-2 (PEG-2 Stearyl Ether)  
**Ingredient(s) & CAS Number(s):** Polyoxyethylene (2) Stearyl Ether  
9005-00-9

### 2. Physical and Chemical Properties

**Melting Point:** ~107-115 deg. F, 42-46 deg. C  
**Freezing Point:** ~107-115 deg. F, 42-46 deg. C  
**% Volatile by Volume:** Negligible  
**Specific Gravity:** ~1.07  
**Solubility in Water:** Insoluble  
**Appearance & Odor:** White waxy solid

### 3. Stability and Reactivity

**Chemical Stability:** Stable under normal conditions  
**Incompatibility:** Oxidizing agents  
**Hazardous Decomposition:** Combustion Products: Carbon dioxide, carbon monoxide  
**Hazardous Polymerization:** Will not occur

### 4. Handling and Storage

Storage Requirements: 50-90 deg. F in original closed container  
Precautions to take during handling and storage: Prevent skin and eye contact, do not swallow, normal chemical handling and storage

### 5. Accidental Release Measures

Caution! Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred) Dike and contain spill with inert material (sand, earth etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

### 6. Exposure Controls & Personal Protection

**Respiratory Protection:** Not normally needed if controls are adequate.  
**Eye Protection:** Chemical tight goggles  
**Protective Clothing:** Impervious gloves  
**Engineering Controls:** Use ventilation adequate to maintain safe levels  
**Other Protective Measures:** Eyewash stations in work area

### 7. Hazards Identification

**General:** Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests and information available on similar products. May cause eye irritation. May cause local eye anesthesia. Repeated or prolonged contact may cause skin irritation. May be harmful if swallowed.

**Primary Entry Routes:** Eye contact, skin contact and inhalation

**Important Notice:** The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct; however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser's intended purpose or for consequences of its use and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. Use these materials only as directed. If you have any questions regarding the proper interpretation of this sheet or the meanings of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.

**Inhalation:** High concentrations of mist or aerosols may irritate respiratory passages. No toxic effects are known to be associated with inhalation of this material.

**Eye Contact:** This material may irritate human eyes following contact. Contact with this material may cause local eye anesthesia.

**Skin Contact:** Short contact periods with human skin are not usually associated with skin irritation. Repeated contact can result in moderate irritation. Prolonged contact can result in moderate skin irritation. This product will probably not be absorbed through human skin.

**Ingestion:** This material is not likely to cause irritation upon ingestion. No toxic effects are expected following ingestion of this product.

**Exposure Guidelines:** No ACGIH or OSHA PEL minimize exposure in accordance with good hygiene practice.

### 8. First Aid Measures

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. If redness, itching or burning sensation develops, have eyes examined and treated by medical personnel.

**Skin:** Wash material off the skin with plenty of soap and water. If redness, itching or burning sensation develops, get medical attention.

**Inhalation:** Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

**Ingestion:** Do not induce vomiting. Give one or two glasses of water to drink and refer to medical personnel, or take direction from either a physician or poison control center. Never give anything by mouth to an unconscious person.

### 9. Fire Fighting Measures

**Flash Point:** > 200 deg. F, 93 deg. C (CC)

**Extinguishing Media:** Water fog, alcohol foam, carbon dioxide, dry chemicals, halogenated agents

**Fire Fighting Procedures:** Self-contained breathing apparatus with full-face piece and protective clothing.

### 10. Toxicological Information

**Acute Oral LD50:** Is greater than 15 g/kg. This material is classified as "relatively harmless" by ingestion

**Dermal and Eye Irritation Test:** This material is non-irritating in rabbit eye irritation studies. However, based on similar materials, this material may cause eye irritation following contact with human eyes. This material was not a skin sensitizer in human patch tests.

**Carcinogenicity:** This material is not listed as a carcinogen by OSHA, IARC and NTP

### 11. Disposal Considerations

Discarded product is not a hazardous waste under RCRA, 40 CFR 261  
Container disposal: Empty container retains residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty containers before disposal.

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US 1-800-426-2457 Ext. 1003



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