



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:**

- **Styrenated Phenol Ethoxylate**
- **Synonyms:** SPEO, Polyoxyethylene styrenated phenyl ether

**Manufacturer/Supplier:**

**Swadesh (India) Chemical Pvt. Ltd.**

**Address:**

Survey No: 512, Plot No. 7,  
Shri Hari Industrial Park,  
Kadadra Village, Near ZAK GIDC,  
Dehgam, Gandhinagar, Gujarat, India – 382330

**Contact:**

- Email: [business@swadeshindia.in](mailto:business@swadeshindia.in)
- Website: [www.swadeshindia.in](http://www.swadeshindia.in)

**Recommended Use:**

- High-performance surfactant (lubricants, metalworking fluids)

### 2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Styrenated Phenol Ethoxylate	61788-44-1	90-100%

**Additional Notes:**

- **Impurities:** May contain trace ethylene oxide (<1 ppm) due to manufacturing.



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## 3. HAZARDS IDENTIFICATION

### GHS Classification:

- Skin Irrit. 2 (H315)
- Eye Irrit. 2 (H319)
- Aquatic Chronic 2 (H411)

### Hazard Statements (H-Codes):

- "Causes skin and eye irritation. Toxic to aquatic life with long-lasting effects."

### Precautionary Statements (P-Codes):

- P273 - Avoid release to environment
- P302+P352 - IF ON SKIN: Wash with soap/water.

## 4. FIRST AID MEASURES

- **Inhalation:** Move to fresh air; seek medical attention if breathing difficulty occurs.
- **Skin Contact:** Wash with soap and water; remove contaminated clothing.
- **Eye Contact:** Rinse immediately with water for 15 mins; consult an ophthalmologist if irritation persists.
- **Ingestion:** Rinse mouth, drink water; **DO NOT induce vomiting.** Seek medical help if symptoms appear.

## 5. FIRE FIGHTING MEASURES

- **Extinguishers:** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam
- **Flash Point:** >180°C (typically)
- **Autoignition Temp:** ~350°C
- **Hazardous Combustion Products:** Styrene vapors, CO, CO<sub>2</sub>

## 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
  - **Small Spills:** Absorb with inert material (vermiculite, sand)
  - **Large Spills:** Contain with dikes; recover liquid for reuse/disposal
  - **Environmental:** Report spills to local authorities if entering waterways



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## 7. HANDLING AND STORAGE

- **Handling:**
  - Use chemical-resistant gloves (e.g., Viton®)
  - Avoid aerosol formation during pumping
- **Storage:**
  - Stainless steel or lined carbon steel tanks
  - Store under nitrogen blanket to prevent oxidation

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
  - **Gloves:** Organic vapor cartridge if misting occurs
  - **Eye Protection:** Safety goggles
  - **Clothing:** Lab coat/apron

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Amber viscous liquid
Odor	Characteristic aromatic
Viscosity @ 40°C	150-300 cSt
Cloud Point (1% aq.)	60-80°C

## 10. STABILITY AND REACTIVITY

### Chemical Stability:

- Stable under normal conditions

### Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

### Hazardous Decomposition Products:

- Carbon monoxide, carbon dioxide



## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- Oral (Rat) LD50: >5,000 mg/kg
- Dermal (Rabbit) LD50: >2000 mg/kg

### Skin Irritation:

- Mild irritation (Rabbit test)

### Eye Irritation:

- Moderate irritation (Rabbit test)

### Chronic Effects:

- Not classified as carcinogenic

## 12. ECOLOGICAL INFORMATION

### Biodegradability:

- ~60% in 28 days (OECD 301D)

### Aquatic Toxicity:

- Fish LC50 (96h): 12 mg/L
- Algae EC50 (72h): 8 mg/L

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal:

- Dispose in accordance with local regulations
- Incineration recommended

## 14. TRANSPORT INFORMATION

### DOT/IMO/IATA:

- Not classified as dangerous goods



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## 15. REGULATORY INFORMATION

### India:

- Compliant with CPCB regulations

### International:

- REACH registered
- OSHA compliant

## 16. ADDITIONAL INFORMATION

**Revision Date :**20/04/24

**Disclaimer:** This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.