



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:**

- Octyl Phenol Ethoxylate (OPEO)
- Synonyms: Octoxynol, Polyoxyethylene(8) octyl 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:**

- Surfactant, emulsifier (industrial cleaning, textiles)

### 2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Octyl Phenol Ethoxylate	9036-19-5	70-100%

**Additional Notes:**

- **Impurities:** May contain trace ethylene oxide (<1 ppm) due to manufacturing.
- **GHS Classification:** Mixture is classified as **Eye Irrit. 2B, Skin Irrit. 3.**



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## 3. HAZARDS IDENTIFICATION

### GHS Classification:

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

### Hazard Statements (H-Codes):

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

### Precautionary Statements (P-Codes):

- P273 - Avoid release to environment
- P305+P351+P338 - Eye exposure protocol

## 4. FIRST AID MEASURES

- **Inhalation:** Fresh air + medical attention if symptoms persist
- **Skin:** Wash with soap/water; remove contaminated clothing
- **Eyes:** Rinse  $\geq 15$  mins with flowing water; seek medical help
- **Ingestion:** Rinse mouth; do NOT induce vomiting.

## 5. FIRE FIGHTING MEASURES

- **Extinguishers:** Alcohol-resistant foam, CO<sub>2</sub>
- **Flash Point:** >150°C (non-flammable)
- **Explosion Data:** Not explosive
- **Special PPE:** SCBA for firefighters

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

- **Spill Response:**
  - Containment: Absorb with vermiculite/sand
  - Cleanup: Collect in sealed containers
  - Environmental: Prevent entry into waterways (report major spills)



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## 7. HANDLING AND STORAGE

- **Handling:**
  - Use chemical goggles & nitrile gloves
  - Avoid mist formation
- **Storage:**
  - Steel/HDPE containers
  - Away from oxidizers @ <30°C

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
  - **Gloves:** Nitrile gloves, face shield
  - **Eye Protection:** Safety goggles
  - **Clothing:** Lab coat/apron

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear viscous liquid
Odor	Mild phenolic
pH (10% soln.)	6.0-8.0
Water Solubility	Fully miscible

## 10. STABILITY AND REACTIVITY

### Chemical Stability:

- Stable under normal conditions

### Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

### Hazardous Decomposition Products:

- Carbon monoxide, carbon dioxide



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## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- Oral (Rat) LD50: >2000 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:

- Readily biodegradable (OECD 301)

### Aquatic Toxicity:

- Fish LC50 (96h): >10 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.