



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:**

- Ethylhexyl Glycerin and Phenoxyethanol
- **Synonyms:** 3-(2-Ethylhexyloxy)propane-1,2-diol + Ethylene glycol monophenyl ether
  - EHG + PE blend

**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:**

- Preservative booster system for cosmetics and personal care products

### 2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Ethylhexyl Glycerin	70445-33-9	60-80%

**Additional Notes:**

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



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## 3. HAZARDS IDENTIFICATION

### GHS Classification:

#### Phenoxyethanol

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

#### Ethylhexyl Glycerin

- Not classified (generally recognized as safe)

### Hazard Statements (H-Codes):

- Causes skin and eye irritation (Phenoxyethanol)
- Harmful to aquatic life with long-lasting effects

### Precautionary Statements (P-Codes):

- **P264:** Wash skin thoroughly after handling
- **P280:** Wear protective gloves/eye protection
- **P273:** Avoid release to environment

## 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:** Alcohol-resistant foam, CO<sub>2</sub>, dry chemical
- **Flash Point:** >100°C (mixture)
- **Autoignition Temp:** Combustion may produce carbon oxides
- **Firefighting Instructions:** Wear self-contained breathing apparatus



# SWADESH(INDIA) CHEMICAL PVT.LTD.

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

- **Spill Response:**
  - **Personal Precautions:** Wear protective equipment
  - **Containment Methods:** Absorb with inert material (sand, vermiculite)
  - **Environmental Precautions:** Prevent entry into drains or waterways

## 7. HANDLING AND STORAGE

- **Handling:**
  - Use with adequate ventilation; avoid contact with eyes and skin
- **Storage:**
  - Keep tightly closed in original containers at room temperature
- **Incompatibilities :**
  - Strong oxidizing agents

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** General ventilation sufficient
- **PPE:**
  - Gloves: Nitrile
  - Eye Protection: Safety glasses
  - Clothing: Lab coat

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, colorless liquid
Odor	Characteristic, mild
pH	5-7 (10% solution)
Boiling Point	>200°C
Vapor Pressure	<0.01 hPa (20°C)



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## 10. STABILITY AND REACTIVITY

### Chemical Stability:

- Stable under normal conditions

### Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

### Hazardous Decomposition Products:

- Thermal decomposition may release CO, CO<sub>2</sub>

## 11. TOXICOLOGICAL INFORMATION

### Ethylhexyl Glycerin:

- Oral LD50 (rat): >2000 mg/kg
- Skin Irritation: Non-irritating

### Phenoxyethanol:

- Oral LD50 (rat): 1260 mg/kg
- Skin Irritation: Mild irritant

## 12. ECOLOGICAL INFORMATION

### Biodegradability:

- Ethylhexyl Glycerin: Readily biodegradable
- Phenoxyethanol: ~85% (OECD 301)

### Aquatic Toxicity:

- Phenoxyethanol: Fish LC50 (96h) = 50 mg/L

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal:

- Dispose in accordance with local regulations
- Preferred method: Incineration at licensed facility



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## 14. TRANSPORT INFORMATION

### DOT/IMO/IATA:

- Not classified as dangerous goods

## 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.