



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **2-Phenoxyethanol**
- **Synonyms:** Ethylene glycol monophenyl ether, Phenoxytol, Phenyl cellosolve

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
- Website: www.swadeshindia.in

Recommended Use:

- Preservative (cosmetics, pharmaceuticals), solvent, fragrance stabilizer.

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
2-Phenoxyethanol	122-99-6	≥99%

Additional Notes:

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

- **P280:** Wear protective gloves/eye protection.
- **P273:** Avoid release to the 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, CO₂, dry chemical
- **Flash Point:** ~121°C (closed cup)
- **Autoignition Temp:** ~245°C
- **Hazardous Combustion Products:** CO, CO₂, phenolic compounds.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - **Small Spills:** Absorb with inert material (sand, vermiculite).
 - **Large Spills:** Contain spill; prevent entry into drains/waterways.
 - **Environmental:** Report major releases to authorities.



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7. HANDLING AND STORAGE

- **Handling:**
 - Use in well-ventilated areas; avoid skin/eye contact.
- **Storage:**
 - Keep in a cool, dry place in sealed containers (stainless steel/HDPE).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
 - Nitrile gloves, safety goggles, lab coat.
 - **Ventilation:** Use local exhaust if handling in mist form.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colorless liquid
Odor	Mild, floral-like
Boiling Point	247°C
Solubility in Water	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: 1,260 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:

- ~85% (OECD 301)

Aquatic Toxicity:

- Fish LC50 (96h): 50 mg/L
- Algae EC50 (72h): 8 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Dispose via licensed waste handler; incineration recommended.

14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not classified as dangerous goods



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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.