



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- Nonyl Phenol Ethoxylate
- Synonyms: Nonyl Phenol Ethoxylate

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:

- Surfactant (Detergents, Emulsifiers, Industrial Cleaning)

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Nonyl Phenol Ethoxylate	9016-45-9	90–100%

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 Irritation (Category 2B)
- Skin Irritation (Category 3)
- Not classified for acute toxicity, carcinogenicity, or mutagenicity.

Hazard Statements (H-Codes):

- **H319:** Causes serious eye irritation.
- **H315:** Causes mild skin irritation.

Precautionary Statements (P-Codes):

- **P264:** Wash hands thoroughly after handling.
- **P280:** Wear protective gloves/eye protection.
- **P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes.

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

- **Flash Point:** >150°C (non-flammable)
- **Extinguishing Media:** Water spray, foam, CO₂, dry chemical powder.
- **Hazardous Combustion Products:** CO, CO₂, aldehydes.
- **Firefighter PPE:** Self-contained breathing apparatus (SCBA), chemical-resistant suit.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - Absorb with inert material (sand, vermiculite).
 - Avoid discharge into drains/water bodies.
 - Ventilate the area.



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7. HANDLING AND STORAGE

- **Handling:**
 - Use in well-ventilated areas.
 - Avoid contact with eyes/skin.
- **Storage:**
 - Store in a cool, dry place (<30°C).
 - Keep away from strong oxidizers (e.g., peroxides).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear to pale yellow liquid
Odor	Mild characteristic
pH (1% solution)	6.0-8.0
Boiling Point	>250°C
Flash Point	>200°C
Solubility in Water	Highly soluble

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



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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.