



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Decyl Alcohol Ethoxylate (5 EO)**
- **Synonyms:** DAE-5, Polyoxyethylene (5) Decyl Ether, C10 Alcohol 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, industrial cleaners, textile processing)

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Decyl Alcohol Ethoxylate	26183-52-8	90-100%

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 3 (H412)**

Hazard Statements:

"Causes skin and eye irritation. Harmful 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.
- **Skin Contact:** Wash with warm water (40-50°C) and soap.
- **Eye Contact:** Rinse with water for 15 mins; seek medical help if irritation persists.
- **Ingestion:** Rinse mouth; drink water. No vomiting required.

5. FIRE FIGHTING MEASURES

- **Extinguishers:** Water spray, alcohol-resistant foam, CO₂
- **Flash Point:** >150°C
- **Autoignition Temp:** ~250°C
- **Hazardous Combustion Products:** CO, CO₂

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - **Small Spills:** Absorb with inert material (vermiculite, sand).
 - **Large Spills:** Contain with barriers; recover for reuse.
 - **Environmental:** Prevent entry into drains.



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7. HANDLING AND STORAGE

- **Handling:**
 - Use nitrile gloves; avoid mist formation.
- **Storage:**
 - Keep in HDPE/stainless steel containers at 15-35°C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
 - Nitrile gloves, safety goggles, lab coat.
 - **Ventilation:** General room ventilation sufficient.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear to pale yellow liquid
Odor	Mild, characteristic
Viscosity @ 25°C	50-100 cPs
Cloud Point (1% aq.)	40-50°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



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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:

- 85% (OECD 301F)

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



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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.