



MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- Tallow Amine Ethoxylate 15
- Synonyms: Ethoxylated Tallow Amine (15 EO) Polyoxyethylene (15) Tallowamine

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, emulsifier (agriculture, textiles, personal care)

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Tallow Amine Ethoxylate 15	61791-44-4	70–90%

Additional Notes:

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



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3. HAZARDS IDENTIFICATION

GHS Classification:

- **Acute Toxicity (Oral, Category 4)** - H302
- **Skin Corrosion/Irritation (Category 2)** - H315
- **Eye Damage/Irritation (Category 2A)** - H319

Hazard Statements:

- H302: Harmful if swallowed
- H315: Causes skin irritation
- H319: Causes serious eye irritation

Precautionary Statements (P-Codes):

- **P264:** Wash skin thoroughly after handling
- **P280:** Wear protective gloves/protective clothing/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 difficulties persist.
- **Skin Contact:** Wash with soap and water; remove contaminated clothing.
- **Eye Contact:** Rinse immediately with water for 15 minutes; seek medical help.
- **Ingestion:** Rinse mouth; do NOT induce vomiting. Seek medical attention.

5. FIRE FIGHTING MEASURES

- **Flash Point:** >150°C (combustible liquid)
- **Extinguishing Media:** Foam, CO₂, dry chemical powder
- **Special Hazards:** May emit toxic fumes (CO, CO₂, NO_x) under fire conditions
- **Protective Equipment:** Full protective equipment including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - **Personal Precautions:** Wear PPE (gloves, goggles, respirator if misting).
 - **Containment:** Absorb with inert material (sand, clay).
 - **Cleanup:** Collect in sealed containers; dispose per local regulations.



7. HANDLING AND STORAGE

- **Handling:**
 - Use in well-ventilated areas; avoid mist formation
- **Storage:**
 - Keep in tightly closed containers at <40°C; separate from oxidizers

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
 - Gloves: Nitrile or neoprene
 - Eye Protection: Chemical safety goggles
 - Respiratory Protection: NIOSH-approved respirator if misting occurs

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Amber viscous liquid
Odor	Characteristic amine
pH (1% solution)	8.0-10.0
Density (25°C)	~1.02 g/cm ³
Solubility	Dispersible in water

10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable under normal conditions

Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

Hazardous Decomposition Products:

- CO, CO₂ at >200°C



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral (Rat) LD₅₀: 500–2000 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 (>60% in 28 days).

Aquatic Toxicity:

- LC₅₀ (fish): >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



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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.