



KIMYAGARAN
Emrooz
Chemical Industries Co.

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: KETALO 15

Product Description: Amine Ethoxylate

CAS No.: 61791-26-2

Product Formulation: Not Available.

Common Names: Tallow amine hydroxypolyoxy ethylene, Tallow amine polyethylene Glycol, Tallow amine Ethoxylate

Chemical Family: Nonionic Surfactants

Manufacturer: Kimyagaran Emrooz Chemical Industries Co.

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2. HAZARDS IDENTIFICATION

Potential Health Effects: Harmful. Irritant. Dangerous for the environment.

Harmful if swallowed. Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Eye Contact: Cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

Inhalation: Vapor may cause irritation.

Swallowing: May be harmful if swallowed.

Skin absorption: Harmful if absorbed through skin.

Skin contact: Prolonged contact may cause irritation.

3. COMPOSITION

Chemical Name	Wt.%	CAS No.
Tallow amine Ethoxylate	Min. 99.9	61791-26-2

4. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

Skin: Wash exposed areas of the body with soap and water.

Inhalation: Remove from area of exposure; seek medical attention if symptoms persist.

Ingestion: Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, fog or mist, foam, powder, carbon dioxide. Non-flammable. If involved in a fire it will support combustion.

Special protective equipment: Wear a self-contained breathing apparatus.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Should not be allowed to enter drains or water courses.

Methods for cleaning up Contain spill with inert material. Absorb in vermiculite, dry sand or earth. Place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions in Handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage Condition: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire Protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.

Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.

Personal protection: Respiratory Keep respiratory equipment available. If use conditions can generate aerosol or mist, wear suitable respiratory equipment.

Hand Chemical resistant gloves required for prolonged or repeated contact.

Eyes Wear tightly fitting safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Tallow amine 15EO

Appearance: Clear Yellow to Amber Liquid

Specific Gravity: 1.023 @ 25°C

pH: 9-10.5(1% in IPA:water)

Freezing/Melting Point: -7 to -2°C **Boling**

Point: >260°C

Vapor Pressure: <0.1 mmHg

Viscosity: 91.2 cSt @ 40°C

Vapor Density: >1

Solubility in water: Soluble

10. STABILITY AND REACTIVITY

General: This product is stable and hazardous polymerization will not occur.

Incompatible Materials and Conditions to Avoid: Acidic agents

Hazardous Decomposition Products: Combustion produces nitrous gases.

11. TOXICOLOGICAL INFORMATION

No information available at this time.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved land fill. Follow local disposal regulations.

14. TRANSPORT INFORMATION

DOT

UN Number: UN2735

UN Proper shipping name: Amines, Liquid,
Corrosive, N.O.S. (Amines, Tallow Alkyl,
Ethoxylated)

Transport Hazard Class(es)

Class: 8

Subsidiary risk: -

Packing group: II

Special precaution for user: Not available.

IATA

UN Number: UN2735

UN Proper shipping name: Amines, Liquid, Corrosive, N.O.S. (Amines, Tallow Alkyl, Ethoxylated)

Transport Hazard Class(es)

Class: 8

Subsidiary risk: -

Packing group: II

Environmental Hazards: Yes

Special precaution for user: Not available.

IMDG

UN Number: UN2735

UN Proper shipping name: Amines, Liquid, Corrosive, N.O.S. (Amines, Tallow Alkyl, Ethoxylated)

Transport Hazard Class(es)

Class: 8

Subsidiary risk: -

Packing group: II

Environmental Hazards:

Marine Pollutant: Yes

EmS: Not available.

Special precaution for user: Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Not applicable.

Chemical safety assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Caution

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct since it was obtained from sources we believe are reliable. However no representation, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle, or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at his sole discretion.
