



**Material Safety Data Sheet**  
**Triethanolamine lauryl ether sulfate**

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**1. Identification of the product and of the company**

**Product name: Triethanolamine lauryl ether sulfate 30%**

**Company/undertaking identification:**

**IRAN CHEMICALS & PETROCHEMICALS Ind.'s Co.**

**No. 10, Niknam St., Shamse Tabrizi St., Mirdamad Ave., Tehran 1919914143 IRAN**

**Tel. +98 (21) 22902969**

**Fax +98 (21) 22923287**

**2. Composition/information on ingredients**

**Triethanolamine lauryl ether sulfate 30±1% active substance in water**

**3. Hazards identification of the product**

**Potential acute health effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation (lung irritant).**

**Potential chronic health effects: Slightly hazardous in case of skin contact (sensitizer)**

**Carcinogenic effects: classified A2 (suspected for humane).**

**Mutagenic effects: Mutagenic for bacteria and/or yeast.**

**4. First aid measures**

**In case of discomfort, consult a physician.**

**after inhalation:**

**Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical.**

**after skin contact:**

**Immediately flush skin with a lot of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes, cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.**

**after serious skin contact:**

**Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.**

**after eye contact:**

**Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, cold water may be used. Get medical attention.**



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after ingestion:

Do not induce vomiting unless advised by physician or poison control center. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, quickly call a physician. Loosen tight clothing such as a collar, tie, belt or waistband.

**5. Fire-fighting measures**

Flammability of the product: Non-flammable.

Suitable extinguishing media: extinguishing powder, carbon dioxide.

Risk of explosion of the product in presence of static discharge: Not available.

**6. Accidental release measures**

Personal precautions:

Avoid contact with skin and eyes.

Methods of cleaning up:

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirement.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**7. Handling and storage**

Precautions: Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. Avoid contact with eyes and skin. Keep away from incompatibles such as oxidizing agents, acids.

Storage:

Keep in sealed containers in a cool, well-ventilated area.

Packing details:

In plastic drums of 100 and 220 Kg net weight.

**8. Exposure controls / personal precaution**

Engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection:

Goggles, Lab coat, Vapor respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.



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**9. Physical and chemical properties**

Physical state: liquid  
Odor: special  
Molecular weight: 512  
Color: colorless to light yellow  
pH (10% aq. Solution at 20°C): 6.5-7.5  
Density at 25 °C :1.035±0.015 (gr/cm<sup>3</sup>)  
Anionic active:30%±1  
NaCl: 3.5% Max  
Solubility: soluble in water

**10. Stability and reactivity**

stability: The product is stable.  
Instability Temperature: Not available  
Conditions of instability: Incompatible materials.  
Incompatibility with various substances: Reactive with oxidizing agents, acids.  
Polymerization: Will not occur.

**11. Toxicological information**

Mutagenicity: Mutagenic for mammalian somatic cells, bacteria and/or yeast.

Ingestion: Acute oral toxicity  
(LD50) 42 mg/kg body weight.

Special Remarks on Chronic Effects on Humans:  
May affect genetic material. May cause adverse reproductive effects (paternal or maternal effects and fetotoxicity) and birth defects. May cause cancer.

Special Remarks on other Toxic Effects on Humans:  
Acute Potential Health Effects: Skin: Causes skin irritation. May have drying effects on the skin. Eyes: Causes eye irritation.  
Inhalation: May cause respiratory tract irritation. Ingestion: No information. The toxicological properties of this substance have not been fully investigated.

**12. Ecological information**

BOD5 and COD : Not available  
Products of Biodegradation:  
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation:  
The product itself and its products of degradation are not toxic.  
Special Remarks on the Products of Biodegradation: Not available



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**13. Disposal considerations**

Waste must be disposed of in accordance with the approval of the responsible local authority.

**14. Transport information**

Not a hazardous material.

**15. Regulatory information**

Symbols of danger: Xi irritant

R-phrases:

R36/37/38: irritating to eyes, respiratory system and skin.

S-phrases:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

**16. Other information**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.