



Material Safety Data Sheet
Sodium lauryl ether sulfate pearly 28%

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1. Identification of the product and of the company

Identification of the product:
Sodium lauryl ether sulfate 70%

Company/undertaking identification:
IRAN CHEMICALS & PETROCHEMICALS Ind.'s Co.
No. 10, Niknam St., Shams-e Tabrizi St., Mirdamad Ave., Tehran 1919914143 IRAN
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2. Composition/information on ingredients

Sodium lauryl ether sulfate pearly with approx. 2 moles EO,
28±1% active substance in water

Declaration of ingredients:
>20% Fatty alcohol ether sulfate, sodium salt
Symbol: Xi
R-Phrases: 38-41

3. Hazards identification of the product

Xi Irritant
R 38: Irritating to skin R 41: Risk of serious damage to eyes

4. First aid measures

In case of discomfort, consult a physician.

after inhalation:
not relevant

after skin contact:
Rinse with water and soap.

after eye contact:
Immediately flush eyes with copious amounts of running water
(for 10 minutes), see an oculist.

after ingestion:
Rinse out mouth, drink 1-2 glasses of water.

5. Fire-fighting measures

Suitable extinguishing media:
foam, extinguishing powder, carbon dioxide, water spray jet,
high pressure waterjet



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Special exposure hazards arising from the product itself, from combustion products or from resulting gases: none known

**Special protective equipment for firefighters:
no special measures necessary;**

6. Accidental release measures

**Personal precautions:
Avoid contact with skin and eyes.**

**Environmental precautions:
Do not allow to flow into drainage system.**

**Methods of cleaning up/of removing:
Remove with liquid-absorbing material (sand, peat, sawdust).**

7. Handling and storage

**Handling:
Avoid open flames.**

**Storage:
keep container tightly sealed and store at temperature 20-40 °C ;**

8. Exposure controls / personal protection

**Information on the system design:
No special measures required**

Components with specific control parameters: none

**Personal protection:
Hand protection: suitable protective gloves
Eye protection: protective goggles**

9. Physical and chemical properties

Appearance: white highly, viscous dispersion with pronounced pearlescence
Odour: odourless
pH: (10% aq. Solution at 20°C) 8±1
Flash point: Not applicable
Solubility: soluble in water, forms a gell (20 °C)



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10. Stability and reactivity

Stability: this product is stable.

Materials to avoid:
none known if used for its intended purpose

Hazardous decomposition products:
none if used for intended purpose

11. Toxicological information

Mutagenicity: non-mutagenic (OECD method 471).

Ingestion:
Acute oral toxicity: LD50 >2000 mg/kg body weight.

Skin contact:
Primary skin irritation : irritating (OECD-method 404)

Eye contact:
Primary eye irritation: strongly irritant

12. Ecological information

Persistence and degradability:
Readily and rapidly degradable: all individual organic substances contained in the product achieve values in tests for ready degradability (e.g. OECD 301 A-F) of at least 60 % BOD/COD or 70 % DOC reduction (tolerance value for classification as "readily degradable": ≥ 70 % DOC reduction or ≥ 60 % BOD/COD in 28 days)
This product contains surfactants which are at least 90 % Biodegradable.

aquatic toxicity:
Acute fish toxicity: LC50 = >10 - 100 mg prod./l (golden orfe, DIN 38412T15 or zebra fish, ISO 7346)

Acute bacterial toxicity: EC0 >100 mg prod./l (oxygen consumption test with *Ps. putida*).

13. Disposal considerations

waste incineration with the approval of the responsible local authority.



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14. Transport information

Not a hazardous material according to RID/ADR, GGVS/
GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR.

15. Regulatory information

Classification and labelling according to GefStoffV:

Symbols of danger:

Xi Irritant

R-phrases:

R 38: Irritating to skin

R 41: Risk of serious damage to eyes

S-phrases:

S 24/25: Avoid contact with skin and eyes

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 28: After contact with skin, wash immediately with plenty of water

S 37/39: Wear suitable 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.