

MATERIAL SAFETY DATA SHEET (MSDS)

LABSA 96%– LINEAR ALKYL BENZENE SULPHONIC ACID 96%

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1. Product Identification

Synonyms: Linear Alkyl Benzene Sulphonic Acid

CAS No.: 27176-87-0

2. Composition / Information On Ingredients

Ingredient	CAS No.	Concentration	Symbol	R-Phase
LABSA	27176-87-0	>96%	C-Corrosive	R 22,34
Sulphuric acid	7664-93-9	2.0% max.	C-Corrosive	R34
R 22: Harmful if swallowed.				
R 34: causes burns.				

3. Hazardous Identification

Harmful if swallowed. Causes burns.

4. First Aid measures

General: Immediately remove contaminated clothing. Rinse with water.

Ingestion: Rinse mouth and provide fresh air. Dilute by drinking milk copiously. Contact physician.

Skin: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eyes: Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for atleast 15 minutes. Get medical attention.

5. Fire Fighting Measures

Extinguishing media:

This material is not flammable. Fire can be extinguished using water spray, foam, carbon dioxide etc.

Hazardous combustion products:

Carbon dioxide (CO₂), Carbon monoxide (CO), Sulfurous gases (SO_x).

Protective measures in fire:

Cool down the packing. In case of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal precaution: Hand and eye protection. Spilled product gives a slippery surface.

Precautions to protect

Environment: Do not discharge product into natural waters without pretreatment.

Spill cleanup methods:

Contain with absorbent material and dispose. Flush area with water for smaller spills.

7. Handling And Storage

Usage precautions: Avoid spills. Avoid skin and eye contact.

Storage precautions:

Keep containers tightly closed. Store at moderate temperature from -40 to +60.

8. Exposure Controls / Personal Protection

Protective equipment:

Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9. Physical And Chemical Properties

Appearance: Brown, viscous liquid with a penetrating odor.

Viscosity at 60. C ca. 200 cps.

Viscosity at 20. C ca. 2000 cps.

S.G. at 20. C 1.04– 1.05 g/ml

Mol. Weight 320 ± 2

Flash point (。 C) >90. (DIN 51758)

pH (1% solution) ca. 1.5

10. Stability And Reactivity

Reactivity: Reacts with alkalis and generates heat.

Hazardous decomp. Products: No hazardous decomposition products.

11. Toxicological Information

Health Warnings:

This chemical may cause skin/eye irritation and burns (corrosive). Gas or vapour may irritate respiratory system. Harmful if swallowed.

12. Ecological Information

LC-50 value for fish: 1-5 mg/l

LC-50 value for Daphnia: 15 mg/l

LC-50 value for algae: 10-300 mg/l

Degradation: Readily biodegradable

Primary biodegradation: MBAS: 93-97%

Total biodegradation: Most: 73-84%

Closed bottle: 55-65%

Sturm: 45-76%

13. Disposal Considerations

General / Cleaning:

Must be disposed of by special means, e.g. suitable incineration, in accordance with local regulations.

14. Transport Information

ROAD TRANSPORT:

ADR UN No. : 2586
Class No. : 8
Item No. : 34c
Hazard No. : 80 Corrosive or slightly corrosive substance

SEA TRANSPORT:

IMO UN No. : 2586
IMDG class : 8
Packing gr. : III
EmS No. : 8-06
MFAG No. : 700

AIR TRANSPORT:

IATA UN No. : 2586
ICAO class : 8
Packing gr. : III

15. Regulatory Information

Classification and labeling

Provisional

Symbols of hazards:

Risk Phrases:

R 22 – Harmful if swallowed.
R 34 – Causes burns.

Safety Advises:

S 26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical help.
S 28 – After contact with skin, wash immediately with plenty of water.
S 36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.



C - Corrosif

16. Other Information

Disclaimer:

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