

# MSDS

## Linear Alkyl Benzene Sulphonic Acid



### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

#### 1.1. Product Identifier

**Product Name:** Linear Alkyl Benzene Sulphonic Acid

**CAS No:**27176-87-0

**Synonyms:** LABSA

#### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Personal Care products

#### 1.3. Name, Address, and Telephone of the Responsible Party

**Henan Aslan Chemical Co., Ltd**

No 258,Nanyang Road,  
jinshui district zhengzhou,China

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### SECTION 2: HAZARDS IDENTIFICATION

Harmful if swallowed. Causes burns.

### SECTION 3: 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.

### SECTION 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.

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media:

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

#### Hazardous combustion products:

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Sulfurous gases (SO<sub>x</sub>).

#### Protective measures in fire:

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

### SECTION 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.

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### SECTION 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.

### SECTION 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.

### SECTION 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

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts with alkalis and generates heat.

**Hazardous decomp. Products:** No hazardous decomposition products.

### SECTION 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.

### SECTION 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%

### SECTION 13: DISPOSAL CONSIDERATIONS

**General / Cleaning:**

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

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### SECTION 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

### SECTION 15: REGULATORY INFORMATION

Classification and labeling

#### Provisional

Symbols of hazards:

#### Risk Phrases:

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

#### Safety Advices:

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

### SECTION 16: OTHER INFORMATION

*The data herein are based on our current knowledge and believed to be reliable. Henan Aslan Chemical Co provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.*

*Users must make their own determination that handling, storage, use and disposal of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product or container.*