

SAFETY DATA SHEET

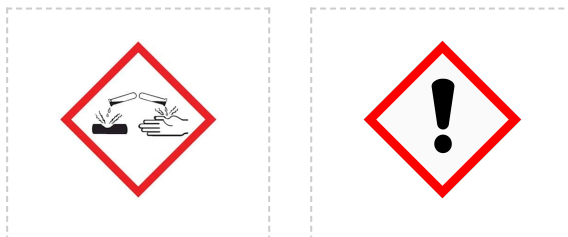
NavXport Worldwide

Product: Linear Alkyl Benzene Sulfonic Acid (LABSA 90%)

SECTION 1: Product and Company Identification

Product Name	LINEAR ALKYL BENZENE SULFONIC ACID (LABSA 90%)
Synonyms	Acid Slurry; Dodecylbenzene Sulfonic Acid; LAS
Company	NAVXPORT WORLDWIDE NMR -A-47, New Minal, Govindpura Industrial Area, Bhopal-462023, MP, INDIA
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Email	sales@navxport.com

SECTION 2: Hazards Identification



Signal Word: **DANGER**

Hazard Statements:

- H290: May be corrosive to metals.
- H302: Harmful if swallowed.
- H314: Causes severe skin burns and eye damage.
- H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements: Wear protective gloves, protective clothing, eye protection, and face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON

SKIN: Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes.

SECTION 3: Composition / Information on Ingredients

Component	CAS-No.	EC-No.	Weight %
Linear Alkylbenzene Sulfonic Acid	27176-87-0	248-289-4	90% ± 1%
Sulfuric Acid	7664-93-9	231-639-5	5.0% - 7.0%
Water	7732-18-5	231-791-2	3.0% - 4.0%

SECTION 4: First Aid Measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Seek immediate medical attention.
Skin Contact	Immediately flush skin with plenty of water for at least 15 minutes. Seek medical aid.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart. Get medical attention immediately.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Consult a physician.

SECTION 5: Fire Fighting Measures

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards: Thermal decomposition can lead to release of irritating gases and vapors (Carbon oxides, Sulfur oxides).

SECTION 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Should not be released into the environment.

Methods for containment: Soak up with inert absorbent material and dispose of as hazardous waste. Neutralize with alkali (lime/soda ash).

SECTION 7: Handling and Storage

Handling: Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not ingest. Do not breathe vapors/dust.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from strong bases and oxidizing agents. Store in HDPE or lined steel drums.

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls	Ensure that eyewash stations and safety showers are close to the workstation location. Use in well-ventilated areas.
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PPE: Safety glasses with side-shields, Goggles. Wear appropriate protective gloves and clothing to prevent skin exposure. Respirator with organic vapor/acid gas cartridge if needed.

SECTION 9: Physical and Chemical Properties

Appearance	Dark brown viscous liquid	Odour	Slightly Pungent
pH	< 2.0 (1% solution)	Density at 20 °C	1.06 – 1.08 gr/ml
Boiling Point	> 300°C	Solubility	Completely soluble in water
Molecular Weight	~ 326.0	Flash Point	> 100°C

SECTION 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Incompatible products. Excess heat.

Incompatibility: Strong bases, Strong oxidizing agents, Metals.

SECTION 11: Toxicological Information

Acute Toxicity: LD50 Oral (Rat) 500 - 2000 mg/kg. Causes severe burns by all exposure routes. Not listed as a carcinogen by IARC or NTP.

SECTION 12: Ecological Information

Toxic to aquatic organisms. Readily biodegradable. Avoid discharge into drains or water courses.

SECTION 13: Disposal Considerations

Dispose of in accordance with local regulations. Treat as hazardous waste due to low pH.

SECTION 14: Transport Information

UN Number	2586
Proper Shipping Name	ALKYLSULPHONIC ACIDS, LIQUID
Hazard Class	8 (Corrosive)
Packing Group	III

SECTION 15: Regulatory Information

This product is classified as hazardous according to GHS and international chemical safety standards.

SECTION 16: Other Information

Disclaimer: The information provided by **NavXport Worldwide** is correct to the best of our knowledge. It is designed only as a guide for safe handling and use.