



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LAURYL BENZENE SULFONIC ACID (LABSA)

Company: Recochem Inc. ABN: 69 010 485 999
Address : 1809 Lytton Road, Lytton, Queensland 4178
Phone: (07) 3308 5200 Fax: (07) 3308 5201
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: None
Manufacturer's Product Code: 21017
Recommended Use: Surfactant

SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbols: C - Corrosive
Risk Phrases: R34 - Causes burns
Safety Phrases: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Dodecylbenzene Sulfonic Acid	27176-87-0	> 96
Sulfuric Acid	7664-93-9	< 1.5

SECTION 4 FIRST AID MEASURES

FIRST AID TREATMENT

Swallowed: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.
Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention.
Skin: If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
Inhaled: Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

First Aid facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically.

Additional Information: None available.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

Hazards from combustion products: When heated to decomposition, may emit oxides of carbon and sulphur.

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Precautions for Fire Fighters and Special Protective Equipment: Wear full protective clothing and self-contained breathing apparatus.

Additional Information: Hazchem Code 2X.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Observe all local and national regulations.

Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures: For small spills, use appropriate tools to put spilled material in a convenient waste disposal container. For large spills, use appropriate instruments to put the spilled material in a waste disposal container. Dispose of in accordance with regional regulations. Surface may be slippery after spillage. Use personal protective equipment.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling and Storage: Avoid contact with eyes, skin and clothing. DO NOT ingest. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None established for Dodecylbenzene Sulfonic Acid. For Sulfuric Acid 1mg/m³ TWA (8hr), STEL 3mg/m³.

Biological Limit Values: No biological limit allocated.

Personal Protective Equipment:

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Hand Protection: Use solvent resistant gloves (nitrile, PVC or neoprene).

Eye Protection: Wear safety goggles.

Protective Clothing: Use chemical resistant glove/gauntlets, boots and overalls.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9 IDENTIFICATION

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance:	Brown viscous liquid
Odour:	Penetrating
pH (1% solution):	1.5 approx
Vapour Pressure (mmHg @ 20°C):	N/A
Vapour Density (air = 1):	N/A
Boiling Point (°C):	Above 300
Freezing/Melting Point (°C):	N/A
Solubility in Water:	N/A
Specific Gravity (g/ml @ 15°C):	1.03 Approx
Flashpoint (°C):	Above 90
Flammability Limits (%):	N/A
Auto Ignition Temperature (°C):	N/A
Percent Volatiles:	0

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents and strong acids and alkalis.

Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide, and oxides of sulphur.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Product: LAURYL BENZENE SULFONIC ACID (LABSA)

Swallowed: Harmful if swallowed. Causes burns.

Eye: Causes eye burns.

Skin: May be harmful if absorbed through skin. Causes skin burns.

Inhaled: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Chronic: Skin – No evidence of sensitisation.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.

Mobility: Miscible with water.

Persistence/degradability: Partially biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number:	2586	Proper Shipping Name:	ALKYL SULPHONIC ACIDS, LIQUID
Class:	8	Subsidiary Risk:	None allocated
Packing Group:	III	Hazchem Code:	2X
Special Precautions for User:	None		

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : 6

AICS : Listed

EmS No : 8-06

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:2010) : 36

SECTION 16 OTHER INFORMATION

Further Information may be obtained by contacting Recochem on (07) 3308 5200

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.
