



CAMACHEM
www.camachem.com

Contact: sales@camachem.com

Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification	
Product Name	Sulphonic Acid 96% (Labsa 96%)
CAS Number	68584-22-5
Chemical Formula	C ₆ H ₄ (SO ₃ H)(CS ₂) ₁₀ CS ₃
Company Name	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
Contact	sales@camachem.com
Company Website	www.camachem.com
Section 2: Composition and Information on Ingredients	
Product description.	Linear Alkyl Benzene Sulphonic Acid
CAS Number	68584-22-5
EINECS Number	271-528-9
Section 3: Hazards Identification	
Eye contact	May be corrosive to eyes.
Skin contact	May be corrosive to the skin.
Inhalation	May be moderately to severely irritating to the respiratory tract and mucous membranes.
Ingestion	Ingestion may result in moderately severe burns to mouth and esophagus with more severe burns and damage to the stomach.
Section 4: First Aid Measures	
Eye contact	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
Skin contact	Immediately take off all contaminated clothing. Wash contaminated clothing before reuse. For skin contact flush with large amounts of water. Get medical attention or advice.

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Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion	If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting.
Section 5: Fire and Explosion Data	
Extinguishing Media	Dry chemical, foam, carbon dioxide, water fog.
Special fire-fighting protective equipment	Firefighters should wear full fire-fighting turn-out gear including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
Combustion products	Irritating and toxic gases or fumes may be released during a fire.
Section 6: Accidental Release Measures	
Personal precautions	Refer to section 8 for proper personal protective equipment.
Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Dispose of in accordance with Federal, State and local authority regulations.
Other information	Surfaces may become slippery after spillage.
Section 7: Handling and Storage	
Handling	Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage	Keep this material in a cool, well-ventilated place. Avoid freezing or excessive heat. Avoid contact with bases, alkalies (organic).

Section 8: Exposure Controls/Personal Protection	
Engineering measures	Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Eye/Face protection	Safety goggles and face shield recommended.
Skin protection	Protective overalls and safety shoes/boots recommended.
Hand protection	Impervious gloves recommended.
Respiratory protection	If vapors are present or irritation is experienced, NIOSH approved respiratory protection for acidic vapors should be worn.
Other	Eyewash and safety shower easily accessible to the work area.
Section 9: Physical and Chemical Properties	
Appearance:	Viscous liquid, dark color
Odour:	Sulphuric odour
Specific Gravity (20 oC):	~1.060g/ml
Viscosity (25 oC):	1 500-2000mPa.s
Freezing Point	-10°C
Water Solubility (20 oC):	Soluble
Solubility in ethanol(20 oC):	Soluble
Solubility in acetone (20 oC):	Insoluble
pH(20 oC):	> 1 as is
Flash Point (oC) :	> 93.9
Section 10: Stability and Reactivity Data	
Stability	Stable under normal conditions.
Conditions to Avoid	Avoid contact with bases, alkalies (organic).
Incompatibility	This product may react with strong oxidizing agents, alkalies.
Hazardous decomposition products	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur. Decomposition may yield sulfuric acid (H ₂ SO ₄).
Hazardous Polymerization	Will not occur.
Section 11: Toxicological Information	

LD50 Value	
Oral LD50 >500-2000mg/kg	
Carcinogenicity	
Not available.	
May cause some irritation of the mouth and upper digestive tract.	
May cause some irritation of respiratory system.	
May produce significant skin ulcers.	
May cause significant eye irritation. May cause irreversible damage to eyes.	
Section 12: Ecological Information	
This product is biodegradable.	
Section 13: Disposal Considerations	
Methods of Disposal	Dispose of in accordance with all applicable local and national regulation.
Contaminated packaging	Empty container retains product residue. Observe all hazard precautions.
Section 14: Transport Information	
IATA classification :8,II,Marrine Pollution IMDG classification:8,II,Marrine Pollution	
Section 15: Other Regulatory Information	
Section 16: Other Information	

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall



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