

Material Safety Data Sheet (MSDS)			
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Trade Name	:	LABSA-96%	
Manufacture's Name Address	:	Allied Chemicals S.C - Adama Kebele - 9, Near to Adama Steel, Adama Expressway, Adama ,Oromia, Ethiopia.	
Head Office	:	Allied Tower, In front of Yeabsira Building, Wosen Area, Backside of sunshine real estate villa, Addis Ababa, Ethiopia. Email: alliedcls@gmail.com	
Telephone	:	011-6182354	
2. COMPOSITION / INGREDIENTS			
Common Chemical Name or Technical Name		Linear Alkyl Benzene Sulphonic Acid	
Chemical Identity LABSA LAB H ₂ SO ₄	:	CAS No. 27176-87-0 67774-74-7 7664-93-9	Weight Range 96% 1.5% 1.5%
3. HAZARD IDENTIFICATION			
Health Rating	:	Harmful if ingested. This is corrosive in nature.	
Flammability Rating	:	Slight	
Reactivity Rating	:	Slight	
Contact Rating	:	Contact with eyes may cause corrosive injury unless washed out immediately. With skin may cause burns, If swallowed it is irritating to the mucous.	
4. FIRST AID MEASURES			
Eye	:	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.	
Skin	:	For skin contact flush with large amount of water. If irritation persists, get medical attention Immediately. Take off all contaminated clothing and wash contaminated clothing before reuse.	
Inhalation	:	If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen.	

Ingestion	:	If the material is swallowed, get immediate medical attention.
<i>*In all of the above cases, get a doctor to check the affected person.</i>		
5. FIRE HAZARD AND FIRE-FIGHTING MEASURES		
Flash point	:	Not Applicable.
Means of extinction	:	Use water spray, Carbon Dioxide, Dry Chemical, or Foam. Use Water to keep fire-exposed container cool.
Flammability	:	Non-Flammable.
Personnel	:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.
Hazardous combustion product	:	In combustion release toxic & corrosive gases such as carbon monoxide, carbon dioxide & oxides of sulphur.
6. ACCIDENTAL RELEASE		
Engineering Controls	:	Ventilation of workplace.
Leak-And-Spill Procedures	:	Ventilate area, sweep up, use protective clothing, store in closed container. Surface will be slippery after spillage.
7. HANDLING AND STORAGE MEASURES		
Handling Containers	:	Protect containers against physical damage / direct sunlight / water/Direct Fire.
Storage Conditions of Containers	:	Use leak-proof Drums. Store in dry locations, at ambient temperature away from direct sunlight. Keep container closed when not in use. If stored in storage tank, tank should be either SS304 or SS316 with higher Nickel content. Storage Temperature should not be more than 40 Deg C.
8. PERSONAL PROTECTION MEASURES		
Skin	:	Rubber Gloves
Respiration	:	If during handling product there is respiratory distress, use respirator for organic vapor, acid gases and mist.
Eyes	:	Goggles
Feet	:	Safety Shoes/Gum Boots.
Body	:	Aprons.
Hygiene precautions	:	Remove contaminated clothing and wash hands.
9. PHYSICAL AND CHEMICAL PROPERTIES		
Physical state	:	Pourable Liquid.
Moisture & Volatiles %	:	Max 2%
Specific gravity	:	1.05
Boiling point	:	190°C
Pour point	:	-
Solubility in water.	:	Soluble

10. REACTIVITY DATA		
Chemical Stability	:	Product is stable under the prescribed storage conditions.
Incompatibility with other Substances	:	Hydroxides, carbides, carbonate.
Reactivity and under what conditions	:	Exposure to strong heat or mineral acids may lead to chemical decomposition & acidic by-products.
Hazardous Decomposition	:	Oxides of Sulfur.
11. TOXICOLOGICAL PROPERTIES		
Toxicity	:	Non toxic
Skin contact	:	irritation, redness
Inhalation acute	:	Not available
Skin absorption	:	Not available
Inhalation	:	Gases & vapor are irritating to the airways.
Eye contact	:	Concentrated solutions can cause severe corrosive injury unless washed out immediately.
Ingestion	:	NA
Effect of Acute and Chronic Exposure to Material	:	Mist can be irritating to nose, throat & upper respiratory tract. Symptoms include cough, dry throat, and difficulty in breathing, nasal congestion & headaches.
Irritancy of material	:	Slight
Carcinogenicity, Reproductive Effects, Teratogenicity, Mutagenicity	:	Not available
12. ECOLOGICAL INFORMATION		
The product should not get into water without treatment. Dissolved in water, the material is easily bio degradable (90 %) and will not cause any disturbance in waste water treatment plants.		
13. WASTE DISPOSAL		
Leak-and-spill procedures	:	Being a liquid, it can be collected, cleaned up and stored in a closed container.
Disposal	:	This material is not hazardous material can be washed off with water jet, ensuring contaminated water does not enter sewerages.
14. TRANSPORT RECOMMENDATION		
No special condition as it is not a regulated product. However, one should observe the usual precautionary measures for transporting chemicals.		
15. REGULATORY REQUIREMENTS		

According to the data available, the product is not regulated product. However, one should observe prescribed Federal, State and Local measures while dealing with chemicals.

16. OTHER INFORMATION

The information presented here pertains only to the product when stored in a condition, as prescribed above. The information is given in good faith, but no warranty, express or implied, is made.