

Material Safety Data Sheet (MSDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	:	Cocamidopropyl Betaine(CAPB)
Manufacture's Name Address	:	Allied Chemicals SC Kebele - 9, Near to Adama Steel, Adama Expressway, Adama ,Oromia
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

Average Molecular Weight	:	183.68
Chemical Identity CAPB	:	CAS No. 61789-40-0
WATER	:	Weight Range 29-32% <67%

3. HAZARD IDENTIFICATION

Health Rating	:	Moderate
Flammability Rating	:	Slight
Reactivity Rating	:	Slight
Contact Rating	:	Slight
Storage	:	General

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	:	Rinse mouth. Do NOT induce vomiting. Obtain 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	:	>93°C
Means of extinction	:	Use water spray, Carbon Dioxide, Dry Chemical, or Alcohol Foam Universal Foam. Not recommended water jet.
Flammability	:	Will Burn.
Personnel	:	Fire fighters should wear NIOSH/MSHA approval self-contained breathing equipment and full protective clothing.
Hazardous combustion product	:	Product will burn under fire condition.
6. ACCIDENTAL RELEASE		
Engineering Controls	:	Ventilation of workplace.
Leak-And-Spill Procedures	:	Absorb with an inert absorbent. Sweep up a place in an appropriate closed container. Clean up residual material washing area with water. Collect washing for disposal.
7. HANDLING AND STORAGE MEASURES		
Handling Containers	:	Avoid breathing vapours and mists. Avoid direct or prolonged contact with skin and eyes. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a wash room. Vent drums while heating. Mix thoroughly to assure homogeneity.
Storage Conditions of Containers	:	Store in tightly closed containers. Store in area that is dry well ventilated, away from incompatible materials.
8. PERSONAL PROTECTION MEASURES		
Skin	:	Rubber Gloves and suitable long sleeved clothing.
Respiration	:	Air respirator

Eyes	:	Goggles
Feet	:	Safety Shoes/Gum Boots.
Body	:	Aprons.
Hygiene precautions	:	Remove contaminated clothing and wash hands.
9. PHYSICAL AND CHEMICAL PROPERTIES		
Physical state	:	Clear liquid.
Odor	:	Slight odor.
Decomposition temperature	:	>200°C
Specific gravity	:	1.05 at 25 c
Boiling point	:	100°C
Melting point	:	Not available
Freezing point	:	-6 C (21 F)
Solubility in water.	:	Soluble
10. REACTIVITY DATA		
Chemical Stability	:	Store in an area that is dry, well ventilated, away from incompatible materials.
Incompatibility with other Substances	:	Incompatible with strong oxidizing agent, strong reducing agent, strong base.
Reactivity and under what conditions	:	Heat, open flame, spark.
Hazardous Decomposition	:	Oxides of nitrogen, oxides of carbon.
11. TOXICOLOGICAL PROPERTIES		
Toxicity	:	LD50-Lethal dose 50% of test species, >5000 mg/kg, rat.
Skin contact	:	Slightly irritating.
Inhalation acute	:	May cause irritation of respiratory tract.
Skin absorption	:	None
Inhalation Chronic	:	None
Eye contact	:	Moderate to severely irritating.
Ingestion	:	Not applicable.
Effect of Acute and Chronic Exposure to Material	:	This product does not content any substance that are considered by OSHA, NTP, IRAC or ACGIH to be probable or suspected human carcinogens.
Irritancy of material	:	Slight
Carcinogenicity, Reproductive Effects,	:	Not applicable.

Teratogenicity, Mutagenicity	
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12. ECOLOGICAL INFORMATION

Not Applicable.

13. WASTE DISPOSAL

Leak-and-spill procedures	:	It can be collected, cleaned up and stored in closed containers.
Disposal	:	Any container or equipment used should be decontaminated immediately after use.

14. TRANSPORT RECOMMENDATION

The listed transportation classification does not address regulatory variations due to changes in package size, mode shipment or other regulatory descriptions.

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.