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## Material Safety Data Sheet

### Cocamidopropyl betaine MSDS

#### Section 1: Chemical Product and Company Identification

**Product Name:** Cocamidopropyl betaine

**CAS#:** 61789-40-0

**Synonym:** CAB

**Chemical Name:** Cocamidopropyl betaine

**Chemical Formula:** RCONH(CH<sub>2</sub>)<sub>3</sub>N<sup>+</sup>(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>COO<sup>-</sup>

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#### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS # %	By Weight
CAB	61789-40-0	35%

**Toxicological Data on Ingredients:** Not applicable.

#### Section 3: Hazards Identification

**Skin Contact** No specific first aid measures are required because material is not expected to be harmful to skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean clothing and shoes before reuse. Dispose or incinerate at landfill if permitted.

**Ingestion** It will not be expected to be harmful if swallowed. As a precaution, give the person a glass of water or milk to drink and get medical advice. In case of inhalation, move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continued.

**Eye Contact** Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least for 15 minutes. Get medical attention if irritation persist.

#### Section 4: First Aid Measures

**Eye** If accidental eye contact occurs, wash thoroughly with water and get medical care.  
**Skin** Wash exposed skin thoroughly with soap and water.

#### Section 5: Fire and Explosion Data

**Suitable Extinguishing Media** Use dry chemical, sandy soil, chemical foam or carbon dioxide.  
**Exposure Hazards During Fire** None  
**Special Protective Equipment** Protective clothing and self-contained breathing equipment should be available for firefighters.

#### Section 6: Accidental Release Measures

Mix with inert material (eg. dry sand, vermiculite) and transfer to sealed container for disposal..

#### Section 7: Handling and Storage

**Handling** Avoid prolonged or repeated contact with skin. Do not breathe vapour.  
**Storage** Store in a cool, well-ventilated area. Keep away from heat and flame. Store in a tightly closed container. Incompatibilities: oxidants , acidic materials and food.  
  
Storage temperature: ≤50°C.  
  
Storage duration: 24 Months.

#### Section 8: Exposure Controls/Personal Protection

**Exposure Controls** The substance presents no explosive hazard.  
**Ventilation** Local exhaust is required.  
**Protection Clothing** No protective clothing is normally required.  
**Eye Protection** Chemical Worker's goggles are required if engineering controls or work practices are not adequate to prevent eye contact.

#### Section 9: Physical and Chemical Properties

**Appearance:** Colorless to straw clear liquid

**PH:** 5.0~7.0

**Boiling point/boiling range:**100°C

**Relative vapor density:** >1

**Specific Gravity:** 1.0456

**Pour point:**-7°C (19.4°F)

**Viscosity :** 13 cps @ 25°C

**Volatile** %63 – 67

## Section 10: Stability and Reactivity Data

**Stability** In the closed-up flash point test, fp>93.9 °C, so the substance does not belong to flammable liquid Unstable under the acidic conditions, so be away from acidic materials

**Reactivity** The substance does not react vigorously with reducing agent, so it does not belong to oxidizing substances.

## Section 11: Toxicological Information

The substance does not belong to toxic substances.

**Acute Oral Toxicity:** Moderately toxic: LD50 >5000~1500 mg/kg , Rat

**Skin Irritation :** May cause moderate irritation to skin.

**Eye Irritation :** May cause moderate irritation to eye.

**Sensitisation :** Non-Skin allergy content.

## Section 12: Ecological Information

No information available.

## Section 13: Disposal Considerations

**Disposal Method** Contact local environmental or health authorities for approved disposal of this material. In case of small amount, rinses with water.

**Spill or Leak** In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.

## Section 14: Transport Information

Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO code.

## Section 15: Other Regulatory Information

Not available

### Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

*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 we m be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.*