

SAFETY DATA SHEET

COCAMIDOPROPYL BETAINE

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Cocamidopropyl Betaine

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification

GHS Classification

Skin Irritation (Category 2)

Eye Irritation (Category 2)

GHS Label Elements

Pictogram



Signal word

Warning

Hazard Statements

H315: Causes skin irritation

H319: Causes serious eye irritation

Precautionary Statements

P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health Hazard: 1

Flammability: 1

Physical Hazards: 0

NFPA Rating

Health Hazard: 1

Flammability: 1

Physical Hazards: 0

Potential Health Effects

Inhalation

May be harmful if inhaled. Unlikely to cause serious injury.

Skin

May cause skin irritation.

Eyes

Causes serious eye irritation

Ingestion

May cause irritation to mouth, throat, and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Cocamidopropyl Betaine	61789-40-0	29-32%
Sodium Chloride	7647-14-5	4-6%
Glycerine	56-81-5	<2%
Water	7732-18-5	63-66%

Synonyms

Coco Betaine; Coco Amido Betaine; 1-Propanaminium, 3-amino-N-(carboxymethyl)- N,N-dimethyl-, N-cocoacyl derivatives, hydroxides, inner salts

4. FIRST AID MEASURES

Inhalation

If inhaled, move person into fresh air. If not breathing, give artificial respiration and seek emergency medical attention. Consult a physician.

Skin contact

If irritated, take off contaminated clothing and shoes immediately. Flush skin with plenty of water for at least fifteen minutes. If irritation persists, consult a physician.

Eye contact

If irritated, flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. If irritation persists, consult a physician. Continue rinsing eyes during transport to hospital.

Ingestion

Do NOT induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Flammability Overview

Considered a non-flammable water solution.

Flash Point

Not applicable

Extinguishing Media

Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.

Special Protective Equipment for Firefighters

Wear a self-contained breathing apparatus (SCBA) for firefighting if necessary.

Hazardous Combustion Products

Under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training. Evacuate unnecessary and unprotected personnel to safe areas away from the spill.

Environmental Precautions

If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. Product may be harmful to the environment. Collect spillage.

Containment and Clean Up

If safe to do so, stop the leak or spill. Move containers away from the spill area. Prevent entry into sewers, water courses, basements, and confined areas. Contain and collect spilled material with non-combustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated

absorbent material may pose the same physical hazards as the product. If assistance is needed call emergency services.

7. HANDLING AND STORAGE

Safe Handling

Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle in a manner consistent with good industrial/manufacturing techniques and practices. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and protective equipment before entering eating areas.

Safe Storage

Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Cocamidopropyl Betaine	61789-40-0	Not Established	ACGIH Threshold Value (TLV)
		Not Established	OSHA Table Z-1: Limits for Air Contaminants
		Not Established	NIOSH Recommended Exposure Limits

Personal Protective Equipment

Eye Protection

Tightly fitting safety goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection

Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use

Skin Protection

Wear a chemical apron or other protective clothing to prevent skin contact. Safety showers should be located in the work area where skin contact can occur.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH approved

full face respirator with appropriate cartridges. For high concentrations, unknown concentrations, and for oxygen deficient atmospheres, use a NIOSH approved air-supplied respirator. Respiratory protection may be needed for nonroutine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

General Controls

Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Light Yellow
Odor	Slight
Odor Threshold	N/A
pH	6-7
Melting/Freezing Point	-8°C (18°F)
Boiling Point	>100°C (212°F)
Flash Point	>100°C (212°F)
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Flammability/Explosion Limits	Not applicable
Vapor Pressure @ 20°C	Not applicable
Vapor Density	Not applicable
Specific Gravity	1.05
Density	8.75 lbs/gal
Partition Coefficient	Not applicable
Autoignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	15 cPs

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Conditions and Materials to Avoid

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Strong oxidizing agents, reducing agents.

Hazardous Decomposition Products

Hazardous decomposition products under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

Dangerous decomposition product

Irritating gases: Carbon monoxide and Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component	CAS Number	Exposure Limit	Basis
Norfox CAPB	61789-40-0 7647-14-5	Oral LD50 (Rat)	>5000 mg/kg
		Dermal LD50 (Rat)	>2000 mg/kg
		Inhalation LC50	No data available

Potential Health Effects

Inhalation

May be harmful if inhaled. Unlikely to cause serious injury.

Skin

May cause skin irritation.

Eyes

Causes serious eye irritation.

Ingestion

May cause irritation to mouth, throat, and stomach.

Signs and Symptoms of Exposure

Irritation.

Chronic Effects of Long-term Exposure

No known significant effects.

Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Exposure Limit	Basis
Cocamidopropyl Betaine	61789-40-0	Daphnia magna	48 hr EC50 = 6.5 mg/L
Sodium Chloride	7647-14-5	Daphnia magna	48 hr EC50 = 340-470 mg/L

Ecological Effects

Persistence and Degradability

Readily biodegradable.

Bioaccumulation Potential

Not expected to bio-accumulate.

Mobility in Soil

No specific data available

Other Adverse Effects

No specific data available

13. DISPOSAL CONSIDERATIONS

Disposal

The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.

Contaminated Packaging

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

14. TRANSPORT INFORMATION

DOT Information



Proper Shipping Name

Not applicable

UN Number

Not applicable

Hazard Class

Not applicable

Packing Group

Not applicable

Reportable Quantity (RQ)

Not applicable

Marine Pollutant

Not applicable

Note

Not regulated for transport.

15. REGULATORY INFORMATION

US Federal

SARA 302 Components

None Listed

SARA 311/312 Hazards

Acute Health Hazard

SARA 313 Components

None Listed

TSCA Inventory

All components listed

European Union

EC Inventory

All components listed.

State Regulations

CA Prop 65

Contains no known chemicals at levels that would require a warning under the statute.

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