



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
Ph: 503-653-1155  
info@shayandcompany.com

# SAFETY DATA SHEET

Version: 1.0

Revision Date: 12/09/2020

## 1. Product and Company Identification:

**Product:** Cocamidopropyl Betaine

**Item Code:** 99149

**Distributor:** Shay and Company

## 2. Hazard Identification:

### Hazard Symbol:

Serious Eye Damage/Irritation Hazard- Category 1  
Hazards to the aquatic environment- Category 3

### Label elements including

**Signal Words:** Danger

**Routes of entry:** Eyes, skin, oral, inhalation

### Hazard Statements:

H318 Causes serious eye damage

H412 Harmful to aquatic life with long effects

### Precautionary Statements:

P273 Avoid release into the environment

P280 Wear protective gloves/clothing/eye/face protection

### Response:

P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P310 Immediately call Poison Control/doctor

### Storage:

N/A  
**Disposal:** P501 Disposed of contents/container to an appropriate treatment and disposal facility in accordance with local regulations.

## 3. Composition/Information on Ingredients:

### Ingredient Deck:

NAME:	PERCENTAGE:
Cocamidopropyl Betain	29-31%
Sodium Chloride	4-6%
Water	64-66%
Sodium Benzoate	<0.5%



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#### 4. First Aid Measures:

**Inhalation:** n/a

**Eyes:** Flush immediately with plenty of water; seek medical attention if irritation persists.

**Skin:** Wash with soap and water, seek medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

#### 5. Fire Fighting Measures:

**Suitable Extinguishers:** Carbon dioxide, dry chemical, water spray

**Extinguishers Not to be Used:** none

**Hazardous Decomposition Products:** Oxides of carbon will form upon combustion

**Special Fire Fighting Procedures:**

Move container from fire area if possible.

Use water to cool containers exposed to fire/excessive heat.

Isolate the area, particularly around the edges of storage vessels.

For large fires use unmanned hose holders or monitor nozzles.

If impossible to extinguish, withdraw from area and allow to burn.

#### 6. Accidental Release Measures:

**Personal Precautions:** none

**Environmental Precautions:** Do not allow large amounts to be released into sewer systems

**Clean Up Procedure:** Remove with liquid-absorbing material (sand, peat, sawdust)

#### 7. Handling and Storage:

**Handling Precautions:** Handle in accordance with good industrial hygiene and safety practice.

**Storage Requirements:** Keep in a dry, sealed container; avoid direct sunlight

**Temp. Max:** n/a

**Temp. Min:** n/a

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

**Exposure limits:**

Permissible exposure limits: n/a

Threshold limit value: n/a

**Respiratory Protection:** None needed



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**Eye Protection:** Wear safety glasses  
**Skin Protection:** Suitable protective gloves

## 9. Physical and Chemical Properties:

**Description:** Clear to light amber viscous liquid  
**Melting Point:** no data available  
**Boiling Point:** no data available  
**pH:** 4.5-5.5 (5% aqueous solution)  
**Solubility in Water:** Soluble  
**Specific Gravity:** 1.045-1.055

## 10. Stability and Reactivity:

**Condition to Avoid:** none  
**Materials to Avoid:** Heat, flame, sparks or sources of ignition  
**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon, nitrogen and sulfur  
**Stabilization Techniques:** none; product is stable

## 11. Toxicological Information:

**Routes of Entry:**  
**Oral:** None  
**Derma:** Non-toxic  
**Inhalation:** None  
**Skin:** Non-toxic  
**Eye:** Serious irritant

## 12. Ecological Information:

**Fish:**  
**Cocamidopropyl Betaine:** LC50 1.11mg/L, 96hr, Brachydanio rerio  
**Sodium Chloride:** LC50 5840 mg/L, 96hr, Lepomis macrochirus

**Aquatic Invertebrates:**  
**Cocamidopropyl Betaine:** EC50 50mg/L, 48hr, Daphnia magna  
**Sodium Chloride:** EC50 874mg/L, 48hr, Daphnia magna

**Algae and Cyanobacteria:**  
**Cocamidopropyl Betaine:** no data  
**Sodium Chloride:** EO50 2430mg/L, 120hr, Nitschia Lineris

**Persistence:** no data  
**Biodegradability:** 87.2% biodegradation after 28d



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### 13. Disposal Considerations:

**Handling Precautions:** None

**Method of Disposal:** Dispose of accordance with local regulations.

**Contaminated Packaging:** Dispose of accordance with local regulations.

### 14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

### 15. Regulatory Information:

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

### 16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.