

# Disodium Cocoamphodiacetate MSDS

## 1. Product Name and Identification

**Product Name:** [Disodium Cocoamphodiacetate](#)

**CAS Number:** 68650-39-5

**Synonyms:** Cocoamphodiacetic Acid, Disodium Salt; Amphocarboxyglycinate

**Chemical Formula:** C<sub>20</sub>H<sub>38</sub>N<sub>2</sub>O<sub>8</sub>Na<sub>2</sub>

**Molecular Weight:** Approximately 476.5 g/mol

**Manufacturer/Supplier Name:** [Enter manufacturer/supplier details]

**Emergency Contact Number:** [Insert emergency contact details]

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## 2. Composition/Ingredients

**Chemical Name:** Disodium Cocoamphodiacetate

**CAS Number:** 68650-39-5

**EC Number:** [Insert EC Number, if applicable]

**Concentration:** 30-40% (exact concentration may vary by product composition)

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## 3. Hazards Identification

**Classification:**

- Eye Irritation (Category 2)
- Skin Irritation (Category 2)

**Label Elements:**

- **Pictograms:** ![Exclamation Mark]
- **Signal Word:** Warning
- **Hazard Statements:**
  - H315: Causes skin irritation.
  - H319: Causes serious eye irritation.

**Precautionary Statements:**

- P264: Wash hands thoroughly after handling.
- P280: Wear protective gloves/eye protection.
- P302+P352: IF ON SKIN, wash with plenty of soap and water.

- P305+P351+P338: IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
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## 4. First Aid Measures

### General Advice:

- Remove contaminated clothing and seek medical attention for persistent symptoms.

### If Inhaled:

- Move person to fresh air and keep them rested. If breathing difficulties occur, seek medical attention.

### If on Skin:

- Wash affected area thoroughly with soap and water. If irritation continues, seek medical advice.

### If in Eyes:

- Flush eyes gently with water for 15 minutes, keeping eyelids open. Seek medical help if irritation persists.

### If Swallowed:

- Rinse mouth with water. DO NOT induce vomiting unless directed by medical personnel. Get medical attention if symptoms appear.
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## 5. Handling and Storage

### Handling:

- Avoid unnecessary skin and eye contact. Use protective equipment. Work in a well-ventilated space to minimize inhalation of mists.

### Storage:

- Store in tightly sealed containers in a cool, dry, and well-ventilated area away from incompatible materials like strong oxidants.

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## 6. Exposure Controls/Personal Protection

### Exposure Limits:

- No specific occupational exposure limits established.

### Engineering Controls:

- Maintain adequate ventilation to control airborne levels.

### Personal Protective Equipment (PPE):

- **Eye/Face Protection:** Safety glasses with side shields or chemical goggles.
- **Skin Protection:** Wear chemical-resistant gloves (e.g., nitrile or neoprene).
- **Respiratory Protection:** If exposure limits are high, use an approved respirator suitable for organic vapors or mists.
- **Body Protection:** Protective clothing to minimize skin contact.

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## 7. Physical and Chemical Properties

**Appearance:** Pale yellow to amber liquid

**Odor:** Mild, characteristic

**Odor Threshold:** Not available

**pH:** 8–10 (10% solution in water)

**Boiling Point:** Not available

**Melting Point:** Not applicable

**Flash Point:** Not available (aqueous solution)

**Density:** Approximately 1.1 g/cm<sup>3</sup>

**Solubility:** Soluble in water

**Vapor Pressure:** Not available

**Viscosity:** Not available

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## 8. Stability and Reactivity

**Chemical Stability:** Stable under normal storage and usage conditions.

**Reactivity:** Non-reactive under normal conditions.

**Hazardous Reactions:** None known under normal processing.

**Conditions to Avoid:** Avoid extreme heat and freezing conditions.

**Hazardous Decomposition Products:** May release carbon oxides (CO, CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) upon combustion.

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## 9. Toxicological Information

### Routes of Exposure:

- Skin contact, eye contact, inhalation, and ingestion.

### Acute Toxicity:

- LD<sub>50</sub> (Oral, Rat): >5,000 mg/kg (estimated)
- LD<sub>50</sub> (Dermal, Rabbit): >2,000 mg/kg (estimated)

### Irritation/Corrosion:

- Can cause mild to moderate skin and eye irritation.

### Carcinogenicity:

- Not classified as carcinogenic by OSHA, IARC, or NTP.

### Chronic Effects:

- No significant effects known.

### Sensitization:

- No data available on skin or respiratory sensitization.
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## 10. Disposal Considerations

### Waste Treatment Methods:

- Dispose of product and its container in accordance with local, regional, and national regulations. Avoid discharge into waterways.

### Contaminated Packaging:

- Rinse thoroughly and recycle where possible, or dispose as required by local guidelines.

**Precautions:**

- Handling residues must comply with waste disposal precautions.