

Section 1. Product and Company Identification

Product Name Disodium Cocoamphodiacetate
CAS Number 68650-39-5

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER

CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification (Regulation (EC) No 1272/2008)

H319: Causes serious eye irritation

Classification: (67/548/EEC, 1999/45/EC)

Xi: Irritant R36: Irritating to eyes

Label Elements

Hazardous products which must be listed on the label: None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS): The product does not need to be labeled in accordance with EC directives or respective national laws.

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard statements

H319: Causes serious eye irritation.

Precautionary statements

General: None

Prevention

P280 Wear protective gloves/ eye protection/ 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. Continue rinsing.

P308 IF exposed or concerned: P310 Immediately call a POISON CENTER or doctor/physician

Storage

P401: Store in an area between 10-49°C

P404: Store in a closed container

P420: Store away from strong oxidizing agents and reducing agents

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

Section 3. Composition / Information on Ingredients

Common Name Disodium Cocoamphodiacetate
CAS Number 68650-39-5

COMPONENT	CAS NUMBER	CONCENTRATION
Disodium Cocoamphodiacetate	68650-39-5	47.5 – 52.5%
Water	7885-18-5	37.5 – 40%
Sodium Chloride	7647-14-5	11.0 – 12.5%
Dichloroacetic Acid	79-43-6	0.02%
Chloroacetic Acid	79-11-8	0.01%

Section 4. First Aid Measures

Description of necessary first-aid measures

General advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin contact: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing media: Water Spray, CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific hazards during firefighting: On heating there is a risk of a build-up of pressure in hermetically sealed containers or tanks.

On combustion forms carbon monoxide, carbon dioxide, potassium oxide

Highly flammable gas is released, which increases fire/explosion hazards.

Advice for firefighters

Special protective equipment: Self-contained breathing apparatus (EN 133)

Full protective suit

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for Cleaning or Taking Up

Small Spills: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

Large Spills: Dike far ahead of spill for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer.

Spills may be reportable to local, state, federal and/or provincial authorities.

Additional advice: Prevent entry into waterways, sewers, basements or confined areas.

Section 7. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with skin and eyes. Do not breathe vapors/dust.

Storage

Recommended: Store between 10 - 49 °C.

Keep container tightly closed when not in use.

Keep away from heat and sources of ignition.

Keep away from incompatible materials (strong acids and strong oxidizing agents).

Section 8. Exposure Controls / Personal Protection

Components with workplace control parameters

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: In the case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Wear safety goggles. In case of contact through splashing: Wear face-shield and protective suit.

Skin and Body protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated clothing before wearing again.

Hygiene measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Store the personal protection equipment in a clean location away from the work area. Contaminated work clothing should not be allowed out of the workplace. Before re-use, thoroughly clean personal protection equipment. Wash hands before breaks and immediately after handling the product. Shower or bathe at the end of working. When using the product do not eat, drink or smoke.

Protective measures: The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

Section 9. Physical and Chemical Properties

Form: Liquid

Physical state: Liquid

Color: Yellow

Odor: Characteristic

Odor Threshold: No data available

pH (As Is): 8

Melting point/range: No data available

Boiling point/boiling range: >100°C

Flash Point: No data available

Flammability: No data available

Auto-ignition temperature: No data available

Water solubility: Soluble

Solubility in other solvents: No data available

Partition coefficient (n-Octanol/water): No data available

Vapor Density: > 1

Evaporation rate: > 1

Vapor Pressure (25°C): ~20 mm

Specific Gravity (25°C): 1.17

Oxidation/Reduction Potential: No data available

Viscosity: No data available

Explosive properties: No data available

Thermal decomposition: No data available

Lower explosion limit: No data available

Upper explosion limit: No data available

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions

Hazardous reactions

Conditions to avoid: Prolonged, excessive heat

Materials to avoid: Strong oxidizing agents, reducing agents

Section 11. Toxicological Information

Acute toxicity

Acute oral toxicity: No data available

Acute inhalation toxicity: No data available

Acute dermal toxicity: No data available

Other routes of administration: No data available

Aspiration toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: Causes serious eye irritation

Respiratory or skin sensitization: No data available

Repeated dose toxicity: No data available

STOT

STOT - single exposure: No data available

STOT - repeated exposure: No data available

Carcinogenicity: No data available

Mutagenicity

Genotoxicity in vitro: No data available

Genotoxicity in vivo: No data available

Reproductive toxicity: No data available

Section 12. Ecological Information

Ecotoxicity assessment: No data available

Persistence and degradability

Biodegradability: Readily biodegradable
OECD method 301E

Other adverse effects

Environment assessment: Not classified as dangerous for the environment according to EC criteria

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

ADR: Not regulated

RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

ADN/ADNR: Not regulated

Section 15. Regulatory Information

TSCA: Listed

Canada (DSL): Listed

EU (REACH): Pre-registered RN 05-2116792291-41-0000

Australia (AICS): Listed

Philippines (PICCS): Listed

New Zealand (NZIoC): Listed

Korea (ECL): Listed

HMIS Rating

Health: 2

Flammability: 1

Reactivity: 0

Personal Protection: B

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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