

Section 1. Product and Company Identification

Product Name Cocamide DEA
CAS Number 68603-42-9

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

GHS Classification

Skin Irritation: Category 2
Eye Irritation: Category 2A
Carcinogenicity: Category 2

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H315: Causes skin irritation
H319: Causes serious eye irritation
H351: Suspected of causing cancer

Precautionary Statements

Prevention

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P260: Do not breathe dust/fume/gas/mist/vapors/spray
P264: Wash thoroughly after handling
P280: Wear eye protection/ face protection/ protective gloves

Response

P302+P352: IF ON SKIN: Wash with plenty of soap and water



P305+P351+P338: IF IN EYES: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: If exposed or concerned: Get medical advice/attention

P332+P313: If skin irritation occurs: Get medical advice/attention

P337+P313: If eye irritation persists: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

Storage

P405: Store locked up

Disposal

P501: Dispose of content/container in accordance with local regulation

WHMIS Class

Carcinogen: D2A

Eye Irritant: D2B

Section 3. Composition / Information on Ingredients

Common Name Cocamide DEA
CAS Number 68603-42-9

COMPONENT	CAS NUMBER	CONCENTRATION
Cocamide DEA	68603-42-9	85 – 90%
Glycerin	56-81-5	~ 8%
Diethanolamine	111-42-2	1 – 5%

Section 4. First Aid Measures

General Advice: No hazards which require special first aid measures.

Inhalation: If respiratory irritation develops, remove to fresh air. If difficulty breathing, give oxygen and get medical attention. If not breathing, apply artificial respiration and get medical attention.

Skin Contact: Flush with plenty of water. Obtain medical attention if irritation develops. Remove contaminated clothing and wash separately before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Remove contact lenses if present and easy to do. Continue flushing. Get medical attention.

Ingestion: Do NOT induce vomiting. Do not give anything to an unconscious person. If conscious wash mouth out and give 1 - 2 glasses of water to drink. Get medical attention. Vomiting may occur spontaneously - lay victim on side to avoid aspiration of swallowed product.

Section 5. Firefighting Measures

Flash Point: > 93.3°C (> 199°F)

Flammable Limits: Not established.

Auto-ignition Temperature: Not established.

Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide.



Special Procedures: Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from firefighting to enter drains or water courses. Use water spray to cool unopened containers.

Special Equipment: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

Hazards from Chemical: During combustion, oxides of carbon and oxides of nitrogen may be produced.

Section 6. Accidental Release Measures

Personal Precautions: Wear personal protective equipment as defined in Section 8. Ventilate enclosed spaces and monitor oxygen levels.

Environmental Precautions: Prevent product from entering drains and water courses. Prevent release to the environment.

Spill Clean-Up: Dike and contain spills to prevent further leakage. Absorb with inert materials. Shovel into recovery drums for disposal. Dispose of product in accordance with local, state, federal and international regulations.

Section 7. Handling and Storage

Handling: Wear personal protective equipment as defined in Section 8. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practices.

Storage: Store in a cool, dry, well-ventilated place in original closed containers away from heat, open flame and out of direct sunlight.

Section 8. Exposure Controls / Personal Protection

Exposure Limits

Ingredients	CAS No.	Form of Exposure	Permissible Concentration	Basis
Diethanolamine	111-42-2	TLV-TWA	1 mg/m ³	ACGIH
Glycerin	56-81-5	PEL-TWA	10 mg/m ³	OSHA
Cocamide DEA	68603-42-9	No Data Found	N/A	N/A

Engineering Controls: Use general ventilation. Local exhaust suggested for enclosed spaces.

Respiratory Protection: The use of a NIOSH approved respiratory protection device may be needed if working in a poorly ventilated area.

Protective Gloves: Chemical resistant gloves.

Eye Protection: Chemical goggles or safety glasses.

Body Protection: Impervious clothing

Work/Hygienic Practices: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Other Equipment: Eyewash station and safety shower in work area.



Section 9. Physical and Chemical Properties

Physical State: Liquid
Specific Gravity: 1.004
Color: Light Yellow
Evaporation Rate: Not Available
Odor: Characteristic
Vapor Pressure: Not Available
pH (1% Aqueous Solution): ~ 10
Vapor Density: Not Available
Melting Point: Not Available
Solubility in Water: Dispersible
Boiling Point: ~ 150°C %
Volatile (by weight): Negligible
Flash Point: > 100°C
Auto Ignition Temp.: Not Available
Flammability: Not flammable, but will burn
Decomposition Temp.: Not Available
Explosive Limits: Not Available
Relative Density: Not Available

Section 10. Stability and Reactivity

Stability: Stable under normal conditions.
Incompatibility: Strong oxidizing agents and reducing agents
Conditions to Avoid: Heat, open flame, sparks, sources of ignition, direct sunlight
Hazardous Decomposition: Combustion products: carbon oxides, nitrogen oxides
Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Acute Toxicity

Component	Test	Test Type	Species	Results
Cocamide DEA	Oral	LD50	Rat	12,200 mg/kg
Cocamide DEA	Dermal	LD50	Rabbit	> 2 g/kg
Diethanolamine	Oral	LD50	Rat	1600 mg/kg
Diethanolamine	Dermal	LD50	Rabbit	> 8200 mg/kg
Glycerin	Oral	LD50	Rat	12,600 mg/kg
Glycerin	Dermal	LD50	Rabbit	> 10 g/kg

Skin Irritation: Moderately irritating

Eye Irritation: Moderately irritating



Chronic Data

Carcinogenicity: This product contains Cocamide DEA (68603-42-9) an IARC Group 2B Carcinogen.

This product contains Diethanolamine (111-42-2) an IARC Group 2B Carcinogen.

Mutagenicity: No evidence found of mutagenicity.

Reproductive Effects: No evidence found of reproductive toxicity.

Sensitization: No evidence found of respiratory or skin sensitization.

Section 12. Ecological Information

Ecotoxicity

Test Type	Species	Results	Time	Comments
LC50	Brachydanio rerio (zebra fish)	6.7 mg/l	96h	Static-renewal
EC50	Daphnia magna (water flea)	3.3 mg/l	24 h	Loss of ability to swim

Biodegradability: This product is readily biodegradable.

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

Department of Transportation: Regulated only when the RQ is met or exceeded

Proper Shipping Name: Environmentally Hazardous Substance, Liquid N.O.S. (Contains Diethanolamine)

Hazard Class: 9

UN Number: UN3082

UN Packaging Group: PG III

Diethanolamine: 100 lb RQ; 45.4 kg RQ

TDG: Not regulated

ICAO/IATA: Not restricted

IMDG: Not regulated

Section 15. Regulatory Information

SARA 311/312 Hazards: Acute Health Hazard; Chronic Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: The following components are subject to the reporting levels established by SARA Title III, Section 313: Diethanolamine (CAS# 111-42-2): 1 - 5%



US State Regulations

Pennsylvania Right To Know, New Jersey Right To Know:

Cocamide DEA	68603-42-9	85 - 90%
Glycerin	56-81-5	~ 8%
Diethanolamine	111-42-2	1 - 5%

California Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer:

Cocamide DEA	68603-42-9
Diethanolamine	111-42-2

Chemical Inventories

- USA (TSCA):** Listed
- Europe (REACH):** Listed
- Australia (AICS):** Listed
- Philippines (PICCS):** Listed
- Canada (DSL):** Listed
- Korea (ECL):** Listed
- Japan (ENCS):** Listed
- China (IECSC):** Listed
- New Zealand (NZIoC):** Listed

HMIS Rating

- Health:** 2
- Flammability:** 1
- Reactivity:** 0
- Personal Protection:** C

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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