

Section 1. Product and Company Identification

**Product Name** Coconut Diethanolamide  
**CAS Number** 68603-42-9

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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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:** (GHS/Regulation EC No 1272/2008)

**Acute Toxicity, Category 4 H302:** Harmful if swallowed

**Skin Irritation, Category 2 H315:** Causes skin irritation

**Eye Damage, Category 1 H318:** Causes serious eye damage

**Suspected Carcinogen, Category 2 H351:** Suspected of causing cancer

**Specific Target Organ Toxicity:**

**(Repeat Exposure), Category 2 H373:** May cause damage to organs through prolonged or repeated exposure

**Label Elements**

**Hazardous products which must be listed on the label:**

**Cocamide DEA:** 85%

**Diethanolamine:** 7%

**GHS Label Elements**

**Pictograms:**



**Signal word:** Danger

**Hazard and precautionary statements**

**Hazard statements**

**H302:** Harmful if swallowed

**H315:** Causes skin irritation

**H318:** Causes serious eye damage



**H351:** Suspected of causing cancer

**H373:** May cause damage to organs through prolonged or repeated exposure

**Precautionary statements**

**General:** None

**Prevention**

**P201:** Obtain special instructions before use.

**P202:** Do not handle until all safety precautions have been read and understood.

**P264:** Wash hands and exposed skin thoroughly after handling

**P270:** Do not eat, drink or smoke when using this product.

**P280:** Wear protective gloves/eye protection/face protection

**Response**

**P301+P312 IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell.

**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. Continue rinsing.

**P308 + P313:** IF exposed or concerned: Get medical advice/attention.

**P310:** Immediately call a POISON CENTER/doctor

**P314:** Get Medical advice/attention if you feel unwell.

**P330:** Rinse mouth.

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

**P337+P313:** If eye irritation persists get medical advice/attention.

**P362+P364:** Take off contaminated clothing and wash it before reuse S

**Storage**

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

**P404:** Store in a closed container

**P405:** Store locked up.

**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** Coconut Diethanolamide  
**CAS Number** 68603-42-9

Chemical Name	Identification No.	GHS Classification	Concentration
Amides, coco, N,Nbis(hydroxyethyl)	CASRN: 68603-42-9 EINECS: 271-657-0	H315: Skin Irritation, Category 2 H318: Serious eye damage, Category 1 H351: Suspected of causing cancer, Category 2	> 85
2, 2-iminodiethanol	CASRN: 111-42-2 EINECS: 203-868-0	H302: Acute toxicity, Category 4 H373: Specific target organ repeated exposure, Category 2 H315: Skin irritation, Category 2 H318: Serious eye damage, Category 1 H351: Suspected of causing cancer, Category 2	< 7
Glycerin	CASRN: 56-81-5 EINECS: 200-289-5	None	9

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:** CO<sub>2</sub>, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

**Specific hazards during firefighting:** On combustion forms carbon monoxide, carbon dioxide, potassium oxide 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.

**Storage:** Recommended: Keep tightly closed when not in use.

Section 8. Exposure Controls / Personal Protection

Components	Identification No.	Type	Value	Form
Diethanolamine	CASRN: 111-42-4 EINECS: 268-761-3	TWA	2 mg/m <sup>3</sup>	Inhalable fraction and vapor

**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

##### **Appearance**

**Form:** Liquid

**Physical state:** Liquid

**Color:** Yellow

**Odor:** characteristic

**Odor Threshold:** no data available

**pH:** 10% Solution 10 - 11.5

**Boiling point/boiling range:** >150°C

**Flash Point:** >93.9°C

**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 pressure:** no data available

**Evaporation rate:** no data available

**Relative vapor density:** no data available

**Density:** no data available

**Oxidation/Reduction Potential:** no data available

**% Volatile:** 0

**Specific Gravity:** 0.9826

Section 10. Stability and Reactivity

**Chemical Stability:** Stable

**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**

**Skin irritation:** Irritating to skin

**Serious eye damage/Eye irritation**

**Eye irritation:** Risk of serious damage to eyes

**Carcinogenicity:** no data available

**ACGIH Carcinogens**

**Diethanolamine (CAS 111-42-2):** A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs:** Overall Evaluation of Carcinogenicity

**Cocoamide DEA (CAS 68603-42-9):** 2B Possibly carcinogenic to humans

**Diethanolamine (CAS 111-42-2):** 2B Possibly carcinogenic to humans

**Mutagenicity:** no data available

Section 12. Ecological Information

**Ecotoxicity assessment**

**Ecotoxicity assessment:** no data available

**Persistence and degradability**

**Biodegradability:** Biodegradable

**Environmental 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  
DOT Not Regulated  
IMDG Not Regulated  
IATA Not Regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

Section 15. Regulatory Information

**TSCA:** Listed  
**EU (EINECS):** Listed  
**EU (REACH):** Pre-Registered  
**Canada (DSL):** Listed  
**Australia (AICS):** Listed  
**Philippines (PICCS):** Listed  
**China (IECSC):** Listed  
**New Zealand (NZIoC):** Listed

**US federal regulations**

**US CERCLA Hazardous Substances:** Reportable quantity: Diethanolamine (CAS 111-42-2) 100 LBS

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical:** De minimis concentration:

Diethanolamine (CAS 111-42-2) 1.0 %

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical:** Listed substance

Diethanolamine (CAS 111-42-2) Listed. Reportable Quantity Reportable Quantity (RQ) of this product is 2000 pounds based upon Diethanolamine(111-42-2) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product. CERCLA (Superfund) reportable quantity: Diethanolamine 100

**State regulations**

**US - New Jersey Community RTK (EHS Survey):** Reportable threshold: Diethanolamine (CAS 111-42-2) 500 LBS

**US - New Jersey RTK - Substances:** Listed substance: Diethanolamine (CAS 111-42-2) Substance no. 0686

**US - Pennsylvania RTK - Hazardous Substances:** Listed substance: Diethanolamine (CAS 111-42-2) Listed



**California Proposition 65:** This product contains the following chemicals known to the state of California to cause cancer and/or birth defects or reproductive harm. Diethanolamine CAS:111-42-2: Follow all regulations in your country or region. Colonial Chemical, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

**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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