



Safety Data Sheet

Coconut Diethanolamide
CAS:68603-42-9

Section 1. Product and Company Identification

Product Name	Coconut Diethanolamide
CAS Number	68603-42-9
Company:	Unilong Industry Co.,Ltd.
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Section 2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

In accordance with article 3 (3) of REACH, this / these item(s) are products. A product is not subject to the mandatory marking regulations applicable to dangerous substances. The product is not classified as hazardous to health or environment according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms: Void

Signal word: Void

Statements : Void

Other hazards: None

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Section 3. Composition / Information on Ingredients



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: CO₂, 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.

Chemical Name	Identification No.	Concentration(% by wt)
Coconut Diethanolamide	CASRN: 68603-42-9 EINECS: 271-657-0	90%
Glycerol	CASRN: 56-81-5 EINECS: 200-289-5	10%

or 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 ³	Inhalable fraction and vapor

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 under recommended storage conditions

Incomparable materials and conditions: no Data available

Hazardous polymerization: is not known to occur

Hazardous Decomposition:

no data available

Section 11. Toxicological Information

To be best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly

Acute Toxicity

Acute oral toxicity: no data available. please refer to following ingredients' data

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Oral: LD50 Rat oral 12.2g/kg/12,200mg/kg/

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

Skin irritation: Irritating to skin



Serious eye damage/ Eye irritation

Eye irritation: no data available

Carcinogenicity: no data available

ACGIH Carcinogens

IARC Monographs: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Mutagenicity: no data available

Section 12. Ecological Information

Toxicity: toxicity to fish:

LC50 brachydanio rerio(zebra fish) 6.7mg/L/96 hr;Static-renewal Toxicity to daphnia and other aquatic invertebrates

EC50 daphnia magna(water flea)3.3mg/L/24hr;Conditions:Static;effect:Impossibilities (loss of ability to swim)

Toxicity to algae:

Ec50 Scenedesmus subspicatus(green alga)2.2mg/L/72hr;

Effect:biomass/conditions of bioassay not specified in source examined toxicity to microorganisms:no data available

General note: do not allow material to be released to the environment without proper governmental permits

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

UN number:		
ADR/RID:none	IMDG: None	IATA: None
Un proper shipping name		
ADR/RID: Not dangerous goods		
IMDG: not dangerous goods		
IATA: Not dangerous goods		
Transport Hazard Classes:		
ADR/RID:none	IMDG: None	IATA: None
Packing Group:		
ADR/RID:none	IMDG: None	IATA: None
Environment Hazards:		
ADR/RID:none	IMDG marine pollutant:No	IATA: None

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

Product related hazard information: observe the general safety regulations when handling chemicals.

National regulations: All components of this product are listed in the EU Environment Protection Agency Toxic Substances Control Act Chemical substance Inventory.

Information about limitation of Use: For use only by technically qualified individuals

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.