


Material Safety Data Sheet		
Cocamide DEA		
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## 1. Chemical Product and Company Identification

**INCI name:** Cocamide DEA

**CAS NO.:** 68603-42-9

**Chemical structure:**  $\text{RCON}(\text{CH}_2\text{CH}_2\text{OH})_2$

**Trade name:** Yeser<sup>®</sup> CDEA 1:1

**Product application:** Commonly used in detergents, personal care products, and cosmetics

**Supplier name:** GUANGZHOU YESER CHEMICALS CO., LTD

**Supplier address:** Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

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**Emergency contact number:** +86-20- 86213761

## 2. Hazards Identification

**Health hazards:**

**Inhalation:** This product is non-volatile and has no aspiration hazard.

**Ingestion:** A large amount of ingestion causes nausea and vomiting.

**Chronic effects:**

**Skin:** Prolonged contact may cause a slight irritation of the skin.

**Eyes:** May cause mild irritation.

**Symptoms and signs:** Itching, rash, and redness after eye irritation after contact with allergic skin.

**Environmental hazards:** Algae tests have no toxic effects.


## 3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Cocamide DEA	68603-42-9	85.0~92.0
Glycerin	56-81-5	7~10.0
Water	7732-18-5	0~1.0

## 4. First aid Measures

**Inhalation:** Not applicable

**Skin contact:** Rinse immediately with water and seek medical advice if you feel uncomfortable.

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**Eye contact:** Rinse immediately with running water or saline. Seek medical attention if you feel uncomfortable.

**Ingestion:** Rinse mouth, induce vomiting, seek medical attention.

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## 5. Fire-fighting Measures

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### **Extinguishing agent:**

Use foam, dry powder, carbon dioxide, water spray to extinguish the fire. Do not use DC water to extinguish the fire.

### **Special dangers:**

Combustion produces toxic and harmful gases such as carbon monoxide and carbon dioxide.

### **Fire fighting precautions and protective measures:**

Firefighters must wear a gas-filled respirator, wear a fire service, and extinguish the fire at the upper air outlet.

Isolation of the accident site, prohibiting unrelated personnel from entering.

According to relevant regulations, contain and handle fire water to prevent environmental pollution.

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## 6. Accidental Release Measures

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### **Worker protective measures, protective equipment and emergency procedures:**

It is recommended that emergency personnel wear rubber gloves and protective glasses for operation, and a small amount of leakage should be washed directly with water.

### **Environmental protection measures:**

A large number of leaks need to be recycled as much as possible to avoid large amount of leakage into the sewer and prevent pollution.

### **Storage, removal methods and disposal materials of leaked chemicals:**

**Large spills:** Recycle as much as possible into plastic containers and rinse with water.

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## 7. Handling and storage

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### **Operational notes:**

Avoid eye contact and do not take it internally. Perform good work hygiene measures, please wash after operation, especially before eating or smoking.

**Storage Precautions:** Keep the container sealed and store in a clean, cool place.

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## 8. Exposure controls/personal protection


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**Occupational exposure limits:** Not applicable

**Biological limit:** Not applicable

**Engineering control method:** Meaningless

**Personal protective equipment:**

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**Respiratory system:** Wear a mask when dumping in large quantities.

**Eye protection:** Wear protective goggles when dumping in large quantities.

**Hand protection:** No special protection is required. Wear rubber gloves for long-term contact.

**Skin and body protection:** No special protection is required. It is recommended to clean after work and before meals.

**Remarks:** The above operation precautions are based on normal operating conditions, if used under high temperature or other special conditions, Special precautions must be observed.

## 9. Physical and chemical properties

Appearance: Light yellow transparent liquid

pH{ 10g/L(10% aqueous ethanol solution), 25°C}:9.5~10.5

Free amine(%): < 5.0

Moisture(%): ≤1.0

Glycerin content(%): ≤10.0

Amide content(%): ≥85.0

## 10. Stability and reactivity

**Chemical stability:** This product is stable during storage and use at normal ambient temperature.

**Dangerous reaction:** No data

## 11. Toxicological information

**Acute toxicity:** No data

**Skin irritation or corrosion:** No data

**Eye irritation or corrosion:** No data

**Respiratory or skin sensitization:** No data

**Germ cell mutagenicity:** No data

**Carcinogenicity:** No data

**Reproductive toxicity:** No data

**Specific target organ toxicity - single exposure:** No data

**Specific target organ toxicity - repeated exposure:** No data

**Aspiration hazard:** Not applicable


## 12. Ecological information

**Ecotoxicity:** No data

**Biodegradability:** Biodegradable

**Potential bioaccumulation:** No data

**Mobility in soil:** No data

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### 13. Disposal considerations

**Waste chemicals:**

Recycling is carried out as much as possible. If it cannot be recycled, it will be recycled by a third-party company with recycling qualifications.

**Contaminated packaging:**

It is not allowed to reuse the empty containers containing this product that have not been disposed of or discarded. If reuse is required, clean thoroughly until there is no residue in the container.

**Disposal considerations:**

Refer to national and local regulations before disposal.

### 14. Transport information

**UN Dangerous Goods Code:** Not applicable

**UN transport name:** Not applicable

**UN Classification of Hazards:** Not applicable

**Marine pollutants (Yes/No):** No

**Packing method:** Net weight 200kg plastic drum or 1000kg IBC drum.

**Transportation precautions:** This product is suitable for railway, highway and waterway transportation. It should be protected from exposure and rain during transportation. And follow the rules for safe transportation.

### 15. Regulatory Information

**The following laws, regulations, rules and standards have made corresponding provisions on the management of the chemical:**

Workplace Safety Chemicals Regulations

Convention on the Safe Use of Chemicals in the Workplace

### 16. Other Information


**Writing and revising information**

**Date originally compiled:** August 15, 2015

**Date of first revision:** May 1, 2021

Re-compiled according to the latest national standard GB/T 16483, the version has been upgraded from 1.0 to 2.0, and the product information has been updated.

IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to

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determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET