



安庆市虹宇化工有限责任公司  
ANQING HONGYU CHEMICAL CO.,LTD

WEI ER ROAD, 1.3 SQUARE KILOMETERS INDUSTRY PARK, ANQING  
ECONOMIC DEVELOPMENT ZONE, ANHUI PROVINCE.

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# MSDS Report

Samples

DIMER ACID

Client Unit

ANQING HONGYU CHEMICAL CO., LTD.

Client Adress : WEIER ROAD, 1.3 SQUARE KM INDUSTRY  
PARK, ANQING ECONOMIC  
DEVELOPMENT ZONE, ANHUI  
PROVINCE,CHINA





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### Section 1 - Chemical Product and Company Identification

Product Name: Dimer Acid

Client Unit: Anqing Hongyu Chemical Co., Ltd.

Address: WeiEr Road, 1.3 Square kilometers Industry Park, Anqing Economic Development Zone,  
Anhui.

Post Code: 246000

Tel: 0556-5692214

Emergency Telephone: 0556-5692288

Fax: 0556-5692218

Email: info@hyhgc.com

### Section 2 - Composition/Information on Ingredient.

| Chemical Name | CAS No.    | In % By Weight |
|---------------|------------|----------------|
| Dimer acid    | 61788-89-4 | 75-85          |
| Monomer acid  | 68955-98-6 | <3             |
| Trimer acid   | 68937-90-6 | 15-19          |

### Section 3 - Hazards Identification

#### Eye

Accidental exposure to the eyes may only a mild but transient irritation.

#### Skin

Mild, primary skin irritation with prolonged or repeated contact.

#### Inhalation

Not applicable at ambient temperature.

#### Ingestion

May cause irritation of gastrointestinal tract.



### Section 4 – First Aid Measures

#### Eye

Immediately rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and



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lower eyelids occasionally.

### **Skin**

Immediately flush skin with plenty of water at least 15 minutes. Remove contaminated clothing/shoes. Follow by washing with soap and water. Get medical attention if need. Do not reuse clothing until cleaned.

### **Inhalation**

Move victim into fresh air. If not breathing give oxygen. Consult a physician.

### **Ingestion**

Do not induce vomiting. Consult a physician.

## Section 5 – Fire Fighting Measures

**Flash point:** >100°C

**Flammability:** Non-Flammable.

### **Extinguishing Media**

Carbon dioxide, dry chemical, foam. Do not use water as an extinguishing media. Cool containers with flooding quantities of water until well after fire is out.

### **Special protective equipment for fire-fighter**

Wear self contained breathing apparatus for fire fighting if necessary.

### **Products of Combustion**

Carbon monoxide, carbon dioxide, and other toxic fumes.

## Section 6 – Accidental Release Measures

### **Steps to be taken in case material is spilled or released**

Ventilate and evacuate area. Wear appropriate personal protective equipment as specified in Section 8. Wet sweep up and containerize for reclamation or disposal, using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

### **Waste Disposal Method**

Use Water Disposal Methods in accordance with local rules and regulations.

## Section 7 – Handling and Storage

### **Handling Procedures**

Keep away from water, fire resource, and open fire. Keep containers closed when not in use. Minimize dust generation and accumulation. Avoid contact with skin, eyes and clothing. Wash skin with soap and water after contact. Protect against physical damage. Empty containers may contain product residue. Do not reuse and damage empty container.

### **Storage Requirements**





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Store in a cool, dry and well-ventilated place. Do not store near possible sources of ignition. Consumption of food and beverage should be avoided in work areas. Wash hands with soap and before eating, drinking. Keep away incompatible substances, such as oxidizing agents.

## Section 8 – Exposure Controls, Personal Protection

### Engineering Protection

Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.

### Respiratory Protection

Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements.

### Personal Protection

Safety glasses, protection gloves, and lab coat, eye washer and safety shower if needed

## Section 9 – Physical and Chemical Properties

**PH:** 6.6

**Flash point:** >100°C

**Flammability:** Non-Flammable

**Density:** 0.90 (25°C)

**Viscosity:** 5000-8500 (g/cm<sup>3</sup>25°C)

**Solubility:** Soluble in water difficult.

**Appearance characters:** Light-yellow with fatty acid odor liquid.

**Chemical Uses:** Make curing agent, polyamide resin.

## Section 10 – Stability and Reactivity

### Storage Stability

Stable under recommended storage conditions.

### Incompatibilities

Strong oxidizing agents.

### Hazardous Combustible Products

Carbon monoxide, carbon dioxide and other toxic fumes.



## Section 11 – Toxicological Information

### Trimer acid

**Oral LD50 for Rat:** 31.3g/kg.

**Dermal LD50 for Rat:** >2000mg/kg.



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### Section 12 – Ecological Information

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

### Section 13 – Disposal Considerations

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations, if regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

### Section 14 – Transport Information

**LAND TRANSPORT** : Proper

Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

**AIR TRANSPORT (ICAO/IATA)** : Proper

Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

**MARINE TRANSPORT (IMDG/IMO)** : Proper

Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

### Section 15 – Regulatory Information

#### Law Information

<< Dangerous Goods Regulation >>

<< Recommendations on the Transport of Dangerous Goods Model Regulations>>

<< International Maritime Dangerous Goods >>

<< Technical Instructions for the Safe Transport of Dangerous Goods >>

<< Classification and code of dangerous goods>>

<< Occupational Safety and Health Act >> (OSHA )

<< Toxic Substances Control Act >> (TSCA)

<< Consumer Product Safety Act >> (CPSA)

<< Federal Environmental Pollution Control Act >> (FEPCA)

<< The Oil Pollution Act >> (OPA)

<< Superfund Amendments and Reauthorization Act Title III (302/311/312/313) >> (SARA)

<< Resource Conservation and Recovery Act >> (RCRA)

<< Safety Drinking Water Act >> (CWA)

<<California Proposition 65>>

<< Code of Federal Regulations >> (CFR)

SARA 302/311/312/313





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California Proposition 65

In accordance with all Federal, State and Local laws.

## Section 16 – Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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