



Humco Holding Group, Inc.  
7400 Alumax Dr  
Texarkana TX 75501 USA  
800-662-3435  
cs@humco.com  
www.humco.com

24-Hour Emergency Number (CHEMTREC)  
USA- 800-424-9300

All non-emergency calls should be directed to  
Customer Service at 800-662-3435

**NAME: OXALIC ACID CRYSTALS**

**SDS NO. 2117**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** OXALIC ACID CRYSTALS

**Synonyms:** Ethanedioic acid; Ethanedionic acid; Dicarboxylic acid.

**Recommended Use:** Technical use/Household & Farm Products

**Manufacturer by:** Humco Holding Group, Inc.


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### 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	
<b>Classification:</b>	Health Hazard Category 4, Serious eye damage Category 1
<b>Signal Word:</b>	Warning, Danger
<b>Hazard Statements:</b>	Harmful if swallowed. Irritating to eyes and skin. Causes serious damage to eyes, respiratory system and skin.

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
OXALIC ACID	607-006-00-8

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Dizziness, trouble breathing	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Vomiting, cramps, diarrhea	Do not induce vomiting. Never give anything by mouth to an unconscious person. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Get medical attention or advice.
Skin	Dermal irritation	If irritation occurs, wash with soap and water. If irritation persists, get medical attention.
Eyes	Irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point:</b>	Not determined
<b>Auto Ignition:</b>	Not determined
<b>Extinguishing Media:</b>	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.
<b>Products of Combustion:</b>	Upon combustion this product may emit oxides of carbon and other hazardous gases or vapors.
<b>Fire Fighting Equipment and Procedures:</b>	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Read entire label before using and follow all label directions. Avoid breathing dust. Avoid direct contact with skin, eyes and clothing.
<b>Environmental Precautions:</b>	Prevent discharge to open waters and contamination of soil.
<b>Method of Containment:</b>	Cover spillage with damp inert material, take-up or collect and place into a suitable closable labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.
<b>Method for Clean-Up:</b>	Ventilate area of spill or leak. Sweep or scrap up and containerize in approved chemical waste container. Wash spill area with water.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Use in accordance with good industrial safety practice and hygiene principles. Avoid contact with skin or eyes. Avoid inhalation of dust.
<b>Storage:</b>	Keep container tightly closed and in a cool, well ventilated place. Moisture sensitive.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Normal room ventilation is usually adequate under normal use.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection:</b>	Safety glasses with side-shields.
<b>Skin Protection:</b>	Handle with gloves.
<b>Respiratory Protection</b>	None needed under normal use. If unable to control dust emissions below OES limits, an approved dust protection is recommended.
<b>General Hygiene Considerations:</b>	Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White Powder	<b>Upper/Lower Flammability:</b>	Not determined
<b>Odor:</b>	odorless	<b>Vapor Pressure</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Vapor Density:</b>	Not determined
<b>pH:</b>	Not determined	<b>Relative Density:</b>	1.9 g/cm <sup>3</sup>
<b>Melting point /Freezing Point:</b>	189.5 °C (373.1 °F)	<b>Solubilities:</b>	Soluble in water,
<b>Boiling point/range:</b>	157 °C (315 °F)	<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Flash point</b>		<b>Auto-ignition temperature</b>	Not determined
<b>Evaporation rate</b>	Not determined	<b>Decomposition Temperature:</b>	Not determined
<b>Flammability:</b>	Nonflammable	<b>Viscosity</b>	Not determined

## 10. STABILITY AND RACTIVITY

<b>Reactivity:</b>	Not reactive
<b>Chemical Stability:</b>	Stable under normal ambient temperatures (70°F)
<b>Possibility of Hazardous reactions:</b>	Not determined.
<b>Conditions to Avoid:</b>	Avoid moisture.

<b>Incompatible materials:</b>	Metals, Alkali metals
<b>Hazardous Decomposition Products:</b>	Thermal decomposition or burning may release oxides of carbon and other hazardous

### 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Oral category 4
<b>Skin irritation:</b>	May be absorbed through skin.
<b>Eye contact damage:</b>	Causes serious eye damage
<b>Respiratory damage:</b>	Irritating to the respiratory system.
<b>Ingestion overdose:</b>	Ingestion will cause gastric irritation and vomiting. May cause severe systemic effects. Ingestion of large doses may cause central nervous system effects.
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	Not determined.
<b>LD50</b>	LD50 Oral - rat - 891 mg/kg
<b>Symptoms associated with exposure:</b>	None expected: May cause skin irritation to sensitive people.
<b>Carcinogenicity:</b>	
<b>OSHA:</b>	Not listed
<b>NTP:</b>	Not listed
<b>IARC:</b>	Not listed

### 12. ECOLOGICAL INFORMATION

<b>Acute or chronic aquatic toxicity:</b>	No specific information available, but material is expected to have adverse effect on the environment. Toxicity to fish
<b>Chemical degradation:</b>	Not determined.
<b>Biodegradation:</b>	Not determined.
<b>Bioaccumulation potential</b>	Not determined.
<b>Adsorption studies or leaching studies:</b>	Not determined.
<b>Other adverse effects</b>	Not determined.

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

### 14. TRANSPORT INFORMATION

<b>DOT Hazard Classification:</b>	Non-Hazardous
<b>UN number:</b>	Not applicable
<b>UN proper shipping name:</b>	Not applicable
<b>Transport hazard class(es):</b>	Not applicable
<b>Packing group number:</b>	Not applicable
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions:</b>	Do not freeze, avoid extreme heat

## 15. REGULATORY INFORMATION

Not determined

## 16. OTHER INFORMATION

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