

Material Safety Data Sheet

OXALIC ACID

QUICK IDENTIFIER

Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name WEGO CHEMICAL & MINERAL CORPORATION	
Address 265 GREAT NECK ROAD	Emergency Telephone No. 1-800-424-9300 (CHEMTREC)
City, State, and ZIP Great Neck, N.Y. 11021	Other Information Calls 516-487-3510
Signature of Person Responsible for Preparation (Optional)	Date Prepared Revised Sept 10, 1990

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (Optional)	CAS NO
Oxalic Acid		TLV:Air: 1mg/m3			144627
C ₂ H ₂ O ₄ · 2H ₂ O		Osha: Air:TWA:1mg/m3			
IDLH Level: 500mg/m ³					

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point 300 to 320°F	Specific Gravity (H₂O=1) 1.653	Vapor Pressure (mm Hg) N/A
Vapor Density (Air = 1) N/A	Reactivity in Water N/A	
Solubility in Water Moderate	Melting Point 215°F	
Appearance and Odor Odorless, Colorless, Rhombic		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point N/A F C.	Method Used N/A	Flammable Limits in Air % by Volume LEL Lower N/A	UEL Upper N/A
Auto-ignition Temperature	Extinguisher Media Does not support combustion		
Special Fire Fighting Procedures Respirator may be needed due hazardous decomposition products which are dangerous to inhale.			
Unusual Fire and Explosion Hazards			

All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable. However, it is the users responsibility to determine the safety, toxicity, and suitability for its own use of this product. WEGO CHEMICAL & MINERAL CORP. DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THIS PRODUCT.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Stable Conditions to Avoid Temperatures above 180-205°F

Incompatibility (Materials to Avoid) Furfuryl Alcohol, Aq. NaClO₃, NaOCl and any strong oxidizer

Hazardous Decomposition Products Formic Acid, Carbon Monoxide and Carbon Dioxide gases

Hazardous Polymerization May Occur Will Not Occur Conditions to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute 2. Chronic
Toxic by inhalation and ingestion, strong irritant

Signs and Symptoms of Exposure see page 3.

Medical Conditions Generally Aggravated by Exposure

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.I.C.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Emergency and First Aid Procedures

ROUTES OF ENTRY

- 1. Inhalation Seek immediate medical attention.
- 2. Eyes Flush with large amounts of water for 15 min. seek medical attention.
- 3. Skin Flush with large quantities of water.
- 4. Ingestion Seek immediate medical attention see page 3.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Store in a cool dry space

Other Precautions Sweep up and remove. Waste is toxic.

Steps to be Taken in Case Material is Released or Spilled

Waste Disposal Methods (Consult federal, state, and local regulations) If regulations permit, small quantities may be dissolved in water neutralized with a alkali & flushed to sewer.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) NIOSH approved OSHA respirators

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
<u>yes</u>	<u>yes</u>	<u>yes</u>	<u>yes</u>	<u>yes</u>

Use in well ventilated areas.

Protective Gloves Plastic/ Rubber Eye Protection Chemical safety goggles

Other Protective Clothing or Equipment Chemical aprons

Work/Hygienic Practices Wash protective clothing promptly if contaminated and at end of work shift.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.