

Brand: **MAXTITE**

Issue Date: 06-Jul-2018

Revision Date: 06-Dec-2024

Version 01

## 1. IDENTIFICATION

**Product identifier****Product Name** MaxTite Oxalic Acid 99.6% Pure (2 lbs)**Other means of identification****SDS #** 672040**Recommended use of the chemical and restrictions on use****Recommended Use** Industrial, Manufacturing, or Laboratory use**Details of the supplier of the safety data sheet****Supplier Address**Pacific Innovations LLC  
129 Seegers Avenue  
Elk Grove Village, IL 60007  
(708) 320-2088**Emergency telephone number****Emergency Telephone** INFOTRAC 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical state** Solid**Classification**

Acute toxicity, Oral	Category 4
Acute toxicity, Dermal	Category 4
Serious eye damage	Category 1

**Signal Word****Danger****Hazard statements**Harmful if swallowed or in contact with skin.  
Causes serious eye damage**Precautionary Statements - Prevention**Wash hands thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair): Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Oxalic Acid	6153-56-6	≤ 100%

\*For the full text of the H-Statements mentioned in this section, see Section 16.

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>Eye Contact</b>	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Take victim immediately to hospital.
<b>Skin Contact</b>	Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. If on skin, rinse well with water. If on clothes, remove clothes.
<b>Inhalation</b>	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Skin: Irritation, redness, itchiness Eyes: Irritation, redness, watering eyes, itchiness. Respiratory: Irritation, coughing, wheezing. Ingestion: Irritation, nausea, vomiting, diarrhea.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Product is flammable at high temperatures. Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Use appropriate media for adjacent fire. Cool unopened containers with water.

<b>Unsuitable Extinguishing Media</b>	High volume water jet
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**Specific Hazards Arising from the Chemical**

Emits toxic fumes (carbon oxides) under fire conditions.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment. Avoid dust formation.

**Environmental precautions**

**Environmental precautions** Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Prevent dust cloud formation. Scoop solid spill into closed containers. Carefully collect the spill. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Keep in suitable, closed containers for disposal. Dispose of all waste and cleanup materials in accordance with local regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after using. Keep container closed when not in use.  
  
Wear protective gloves/protective clothing and eye/face protection.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool, and well-ventilated place. Moisture sensitive. Keep away from incompatible materials (see Section 10 for incompatibilities)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Components	Cas No	ACGIH	OSHA PEL	NIOSH
Oxalic Acid	6153-56-6	TLV: 1 mg/m3 STEL: 2 mg/m3	1 mg/m3	REL: 1 mg/m3 STEL: 2 mg/m3

**Appropriate engineering controls**

**Engineering Controls** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.
<b>Skin and Body Protection</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
<b>Respiratory Protection</b>	No personal respiratory protective equipment normally required. In case of high dust concentration use a dust mask applicable to local conditions.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	solid	<b>Odor</b>	Not determined
<b>Appearance</b>	powder	<b>Odor Threshold</b>	Not determined
<b>Color</b>	transparent		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	0.70 (50 g/L aq. solution)	
Melting point / freezing point	101.5 C (214.7 F)	
Initial boiling point and boiling range	149 – 160 C (300 – 320 F)	
Flash point	No data available	
Flammability (Solid, Gas)	No data available	
Vapor Pressure	< 0.001 mmHg (20 C)	
Vapor Density	4.3 (Air = 1.0)	
Relative Density	1.65 g/cm <sup>3</sup>	
Water Solubility	Soluble	
Thermal Decomposition	Not available	
Autoignition temperature	Not available	
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Will not occur

### Conditions to Avoid

Avoid moisture

### Incompatible materials

Metals, alkali metals

### Hazardous decomposition products

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid inhalation of dust.
<b>Ingestion</b>	Do not consume.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Oxalic Acid 6153-56-6	= 1080 mg/kg (Rat)	No data available	No data available

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Skin: Irritation, redness, itchiness Eyes: Irritation, redness, watering eyes, itchiness. Respiratory: Irritation, coughing, wheezing. Ingestion: Irritation, nausea, vomiting, diarrhea.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Carcinogenicity</b>	None
IARC/ACGIH/NTP/OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

**12. ECOLOGICAL INFORMATION****Ecotoxicity****Component Information**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Oxalic Acid 6153-56-6	No data available	LC50: 24 mg/L (96h, Lepomis macrochirus)	No data available

**Persistence/Degradability**

Readily biodegradable

**Bioaccumulation**

Not available

**Mobility**

Not available

**Other adverse effects**

Not available

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Dispose of in accordance with all applicable local, state and federal regulations.
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**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Special hazards</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal Protection</b> Not determined

**Issue Date:** 06-Dec-2024  
**Revision Date:** 06-Dec-2024  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**