

This SDS complies with the US OSHA HCS 2012.

## 1. Product and Company Identification

**Product Code:** 0003447

**Product Name:** Oxalic Acid 5%

**Company Name:** CalibreScientific US, Inc.  
1311 SE Cardinal Ct Suite 170  
Vancouver, WA 98683

**Phone Number:** 1 (360)260-2779

**Web site address:** Alphatecsystems.com

**Email address:** Regulatory@calibrescientific.com

**Emergency Contact:** INFOTRAC  
International 00-1- (352)323-3500

**Information:** North America 1 (800)535-5053

**Intended Use:** For Laboratory Use Only

**Product List** Oxalic Acid 5%, Product Code Also Applies To: 0003435, 0003460, 0004805, 0004805S, X003435, X004817.

## 2. Hazards Identification

**GHS Signal Word:** **None**

**GHS Hazard Phrases:** No phrases apply.

**GHS Precautionary Phrases:** No phrases apply.

**GHS Response Phrases:** No phrases apply.

**GHS Storage and Disposal Phrases:** No phrases apply.

**Inhalation:** Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Skin Contact:** May cause skin irritation. Skin Absorption: Skin absorption may occur. Harmful if absorbed through the skin.

**Eye Contact:** Severe eye irritant.

**Ingestion:** Harmful if swallowed.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	1000. -50000. PPM

### 4. First Aid Measures

**Emergency and First Aid**

**Procedures:**

- In Case of Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- In Case of Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical attention if symptoms persist.
- In Case of Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### 5. Fire Fighting Measures

- Flash Point:** No data. Method Used: Estimate
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Suitable: Water spray.
- Fire Fighting Instructions:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s):
- Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** No data available.

### 6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** PROCEDURE(S) OF PERSONAL PRECAUTION(S)  
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.  
Methods for cleaning up.  
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### 7. Handling and Storage

- Precautions To Be Taken in Handling:** User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing.
- Precautions To Be Taken in Storing:** Suitable: Keep tightly closed. SPECIAL REQUIREMENTS:

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	No data.	No data.	No data.

<b>Respiratory Equipment (Specify Type):</b>	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.
<b>Eye Protection:</b>	No data available.
<b>Protective Gloves:</b>	Hand: Compatible chemical-resistant gloves. Eyes:
<b>Other Protective Clothing:</b>	No data available.
<b>Engineering Controls (Ventilation etc.):</b>	Safety shower and eye bath. Mechanical exhaust required.
<b>Work/Hygienic/Maintenance Practices:</b>	Wash thoroughly after handling.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Colorless/Clear. Odorless.
<b>pH:</b>	No data.
<b>Melting Point:</b>	104.00 C - 106.00 C
<b>Boiling Point:</b>	No data. / 0.0 mm Hg
<b>Flash Point:</b>	No data. Estimate
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data.                      UEL: No data.
<b>Vapor Pressure:</b>	No data.
<b>Vapor Density (vs. Air=1):</b>	No data.
<b>Specific Gravity (Water=1):</b>	No data.
<b>Solubility in Water:</b>	No data.
<b>Solubility Notes:</b>	METHANOL.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Autoignition Pt:</b>	No data.
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	No data.

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid -** No data available.

**Instability:**

**Incompatibility - Materials To Avoid:** Bases, Avoid contact with metals. Acid chlorides.

**Hazardous Decomposition or Byproducts:** Carbon monoxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**General Ecological Information:** ELIMINATION.

### 13. Disposal Considerations

**Waste Disposal Method:** APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION.  
Contact a licensed professional waste disposal service to dispose of this material.  
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### 14. Transport Information

**GHS Classification:** No GHS classifications apply.

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated.

**UN Number:**

**Hazard Class:** **TDG Classification:**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not Regulated.

**UN Number:**

**Hazard Class:**

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

**ICAO/IATA Shipping Name:** Not Regulated.

**UN Number:**

**Packing Group:**

**Hazard Class:**

**15. Regulatory Information**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: Yes - 1

**16. Other Information**

**Revision Date:** 03/21/2025      **Previous revision:** 12/28/2016

**Preparer Name:** A. Frontella

**Additional Information About This Product:** No data available.

**Document & Change Control Number** SDS0188.E.

**Company Policy or Disclaimer:** Disclaimer  
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