



# SAFETY DATA SHEET

ProChemOnline.com



## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Copper (II) Oxalate, Hemihydrate**  
PRODUCT NUMBER: 1570-1  
CAS NUMBER: 5893-66-3  
SYNONYMS: Copper oxalate, Oxalic acid, copper salt  
**MANUFACTURER:**

Prochem, Inc.  
826 Roosevelt Road  
Rockford, IL 61109

PHONE: 815-398-1788  
FAX: 815-398-1810  
TOLL FREE: 800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram



NOT SURE IF WE SHOULD ADD TOXIC?

Signal Word

**Warning**

### Hazard Statements

H302+H312	Harmful if swallowed or in contact with skin.
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### Precautionary Phrases

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### HMIS CLASSIFICATION:

Health: 2      Fire: 1      Reactivity Hazard: 1

### NFPA RATING:

Health: 2      Flammability: 1      Reactivity Hazard: 1

**EYE CONTACT:** Dust may cause severe irritation to the eyes.

**SKIN CONTACT:** May cause moderate to severe irritation of the eyes.

**INHALATION:** Dust may be severely irritating to nose, mucous membranes, and respiratory tract.

**INGESTION:** Ingestion may cause vomiting, pain, violent muscle stimulation, convulsion, collapse, and death.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula:  $\text{CuC}_2\text{O}_4 \cdot 1/2\text{H}_2\text{O}$

Molecular Weight: 160.57

CHEMICAL NAME	CAS#	%
Copper (II) Oxalate, Hemihydrate	???	100

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.

**SKIN EXPOSURE:** Immediately wash with plenty of water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

**INHALATION:** Remove to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. In such cases, seek immediate medical assistance.

**INGESTION:** Seek medical assistance immediately. Keep the victim calm.

## SECTION 5 FIREFIGHTING MEASURES

**FLASH POINT:** Not available

**AUTO IGNITION TEMPERATURE:** Not available

**EXPLOSION LIMITS:** Not available

**EXTINGUISHING MEDIUM:** Carbon dioxide, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** Carbon oxides and copper oxide

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Wear all appropriate equipment when using this material. Ensure adequate ventilation. Keep unprotected persons away.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spillage from entering drains or allowing to be released into the environment.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Small spills mix with vermiculite or sodium carbonate and sweep up. Place in a well-marked container for proper disposal.

## SECTION 7 HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Wear appropriate personal protective equipment. Ensure adequate ventilation. Keep away from heat and moisture. Keep container tightly closed.

**CONDITIONS FOR SAFE STORAGE:** Store in cool, dry, and well-ventilated area. Store away from oxidizing agents.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EXPOSURE CONTROLS:** Contains no substances with occupational exposure limit values.

**EYE PROTECTION:** Wear chemical safety glasses or goggles and face shield.

**SKIN PROTECTION:** Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.

**VENTILATION:** Provide local exhaust, preferably mechanical.

**RESPIRATOR:** Use an approved respirator.

**ADDITIONAL PROTECTION:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**COLOR AND FORM:** Blue powder

**ODOR:** None

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES (Cont.)

**MOLECULAR WEIGHT:** 160.57

**BOILING POINT:** No data available

**MELTING POINT:** No data available

**SPECIFIC GRAVITY:** No data available

**SOLUBILITY:** Insoluble

## SECTION 10 STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** Oxidizing agents and active metals

**DECOMPOSITION PRODUCTS:** Carbon oxides and copper oxide

## SECTION 11 TOXICOLOGICAL DATA

**ACUTE TOXICITY:** Not available

**CARCINOGENIC EFFECTS:** No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.

**MUTAGENIC EFFECTS:** Not available

**TETRATOGENIC EFFECTS:** Not available

**RTECS:** No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

## SECTION 12 ECOLOGICAL DATA

No data available.

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

## SECTION 14 TRANSPORTATION DATA

UN3288

Toxic solid, inorganic, n.o.s.

(Copper (II) oxalate hemihydrate)

CLASS 6.1

PG III

Marine Pollutant: No

## SECTION 15 REGULATORY INFORMATION

**TSCA:** Listed in the TSCA inventory

**SARA 302/304:** Not Listed

**SARA 311/312:** Not Listed

**SARA (TITLE 313):** Copper (II) oxalate hemihydrate

**CALIFORNIA PROP. 65:** Not Listed

## **SECTION 16 OTHER INFORMATION**

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

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