

# SAFETY DATA SHEET

## 1. Identification

### Product Identifier

Trade name: Cueva<sup>®</sup> Commercial  
Reg. No. 31825 P.C.P. Act

### Details of the supplier of the safety data sheet

#### Registrant:

W. Neudorff GmbH KG  
An der Muhle 3  
31860 Emmerthal, Germany  
49-5155-624-100

**Emergency Phone Number:** 1-800-858-7378

## 2. Hazard Identification

### GHS – US Classification

Acute toxicity, oral Cat. 5	H303
Acute toxicity, dermal Cat. 5	H313
Skin corrosion, irritation Cat. 3	H316
Serious eye damage/eye irritation Cat. 2B	H320
Acute toxicity, inhalation Cat. 4	H332
Hazardous to the aquatic environment, acute toxicity Cat. 1	H400

**Signal Word:** Warning

### Hazard Statements:

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes skin mild irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H400	Very toxic to aquatic life

**Pictograms:****Precautionary Statements (Prevention):**

P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.

**Precautionary Statements (Response):**

P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a poison center/doctor/physician if you feel unwell.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P391	Collect spillage.

**Precautionary Statements (Storage):**

P403 + P235	Store in a well-ventilated place. Keep cool.
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**Precautionary Statements (Disposal):**

P501	Dispose of contents/container to hazardous special waste collection point.
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**3. Composition/information on ingredients****Chemical characterization: Mixture**

<b>Hazardous Components</b>		
<b><u>Components</u></b>	<b><u>% (w/w)</u></b>	<b><u>Hazard Information</u></b>
Copper Octanoate CAS No. 20543-04-8	10%	Toxic to aquatic life

## 4. First-Aid Measure

### Description of first aid measures

**Inhalation:** Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

**Skin:** In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and was before reuse. If skin irritation occurs: Get medical advice/attention.

**Eye:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

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

No further relevant information available

### Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

## 5. Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** Regular foam, carbon dioxide, dry chemical, water.

**Special hazards arising from the substance or mixture:** No further relevant information available.

### Advice for firefighters

**Protective equipment:** No special measures required.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions:** Avoid run off to waterways and sewers

### Methods and material for containment and cleaning up

**Containment/Clean-Up Measures:** Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers. .

## 7. Handling and Storage

### Precautions for safe handling

**Handling:** No special precautions are necessary if used correctly.

### Conditions for safe storage, including any incompatibilities

**Storage:** Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials.

**Incompatible Materials:** Strong oxidizing agents or acids

## 8. Exposure Controls/Personal Protection

### Control Parameters

**Components with limited values that require monitoring at the workplace:** Not required.

### Exposure controls

### Personal Protective Equipment



#### Pictograms:

**Respiratory:** In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face:** Wear safety goggles

**Hands:** Wear protective gloves

**Skin/Body:** Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.

**General Industrial Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.

**Environmental Exposure Controls:** Follow best practice for site management and disposal of waste. Avoid release to the environment.

## 9. Physical and Chemical Properties

**Appearance:** Blue liquid

**Odor:** Fatty odor

**pH:**  $6.50 \pm 1.50$

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Flash Point:** Non-combustible

**Flammability:** Product is not flammable

**Decomposition Temperature:** Not determined

**Heat of Decomposition:** Not determined

**Danger of Explosion:** Product does not present an explosion hazard

**Upper explosion limits:** Not determined

**Lower explosion limits:** Not determined

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Evaporation Rate:** Not applicable

**Density @ 20°C (68°F):**  $1.05 \pm 0.02$  g/mL

**Water Solubility:** Dispersible in water

**Partition coefficient (n-octanol/water):** Not determined

**Viscosity:**  $300 \pm 200$  cPs (Brookfield LVF)

## 10. Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal temperatures and pressures.

**Possibility of Hazardous Reactions:** No dangerous reactions known.

**Conditions to avoid:** Exposure to excessive heat.

**Incompatible Materials:** Strong oxidizing agents or acids

**Hazardous Decomposition Products:** CO<sub>2</sub> and CO may be evolved during burning

## 11. Toxicological Information

### Information on toxicological effects

**Acute toxicity:** LD<sub>50</sub> (oral) (rat) >2000 mg/kg; LD<sub>50</sub> (dermal) >2000 mg/kg

### Routes of Entry

**Skin:** May be harmful in contact with skin. Causes mild skin irritation.

**Eyes:** Causes eye irritation.

**Ingestion:** May be harmful if swallowed

**Inhalation:** Harmful if inhaled

### **Carcinogenic Categories**

**IARC (International Agency for Research on Cancer):** Substance is not listed

**NTP (National Toxicology Program):** Substance is not listed

## **12. Ecological Information**

**Toxicity:** No further relevant information available.

**Persistence and Degradability:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**Other Adverse Effects:** No studies have been found

## **13. Disposal Considerations**

### **Waste Treatment Methods**

**Product Waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

**Packaging Waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

## **14. Transport Information**

**DOT Classification:** Not regulated by US DOT Highway regulations.

**U.S. Surface Freight Classification:** NMFC item 155050, LTL Class: 55 Fungicide

**IMDG Class (sea):** Environmentally hazardous substance, liquid, n.o.s., (Copper), 9, UN3082, III Marine Pollutant

**IATA Class (air):** Non-Hazardous. Not regulated.

**ADR Class (road):** Not regulated.

**Proper Shipping Name(s):** Not regulated.

**Reportable Quantity:** None

## **15. Regulatory Information**

### **Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**SARA:** N/A

**Section 355 (Extremely Hazardous Substance):** Substance is not listed.

**Section 313 (Specific Toxic Chemical Listings):** Substance is not listed.

**TSCA (Toxic Substance Control Act):** Substance is not listed.

### **Proposition 65**

**Chemicals Known to Cause Cancer:** Substance is not listed.

**Chemicals Known to Cause Reproductive Toxicity for Females:** Substance is not listed.

**Chemicals Known to Cause Reproductive Toxicity for Males:** Substance is not listed.

**Chemicals Known to Cause Developmental Toxicity:** Substance is not listed.

**National Regulations:** Substance is not listed.

**State Right to Know:** Substance is not listed.

### **Labeling requirements under PCPA**

This chemical is a pesticide product registered by the Pest Management Regulatory Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

#### **PRECAUTIONS**

**PREVENT ACCESS BY UNAUTHORIZED PERSONNEL. KEEP OUT OF REACH OF CHILDREN.** Use only in well ventilated areas.

Wear goggles, long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up and repair. In addition, wear chemical-resistant gloves during mixing/loading, clean-up and repair.

Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash the outside of gloves before removing.

If this pest control product is to be used on a commodity that may be exported to the US and you require information on acceptable residue levels in the US, visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

#### ENVIRONMENTAL HAZARDS

TOXIC to birds, small wild mammals and aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

### 16. Other Information

**Last Revision Date:** March 8, 2023

**Preparation Date:** May 21, 2015

**Disclaimer/Statement of Liability:** The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

**Key to Abbreviations:**