



# Safety Data Sheet

Issue Date: August 14, 2024

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Version 3

## 1. IDENTIFICATION

### Product identifier

**Product Name** Copper Cat Cleaner

### Other means of identification

**SDS #** GFD-006

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cleaner & Stain Remover.

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

#### **Manufacturer Address**

Greenflow Distribution Inc.  
1056 Hunley Sullivans Rd  
Awendaw, SC 29492

**EPA:** Meets EPA Safer Choice Criteria for Direct Release.

### Emergency telephone number

**Company Phone Number** 888-292-0847  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear colorless liquid

**Physical state** Liquid

**Odor** Odorless

### Classification

Serious eye damage/eye irritation

Category 2

### Signal Word

**Warning**

### Hazard statements

Causes serious eye irritation



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

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

### Other hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name     | CAS No    | Weight-% |
|-------------------|-----------|----------|
| Hydrogen Peroxide | 7722-84-1 | <8       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### 4. FIRST AID MEASURES

#### Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | 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. |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>     | Remove to fresh air.   |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.   |

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

|                 |                                |
|-----------------|--------------------------------|
| <b>Symptoms</b> | Causes serious eye irritation. |
|-----------------|--------------------------------|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Not determined.

#### 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

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protection recommended in Section 8. Keep unprotected persons away. |
|-----------------------------|--|

#### Environmental precautions

**Environmental precautions** 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** Dilute with a large volume of water and hold in a pond or diked area until hydrogen peroxide decomposes. Dispose of contents/container to an approved waste disposal plant.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials. Protect from sunlight. Store locked up.

**Incompatible Materials** Oxidizing agents. Reducing agents. Caustics. Heavy metals.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical name                  | ACGIH TLV  | OSHA PEL   | NIOSH IDLH   |
|--------------------------------|------------|--|--|
| Hydrogen Peroxide<br>7722-84-1 | TWA: 1 ppm | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup><br>(vacated) TWA: 1 ppm<br>(vacated) TWA: 1.4 mg/m <sup>3</sup> | IDLH: 75 ppm<br>TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

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

**Eye/Face Protection** Use standard chemical splash-type mono goggles or face shield with safety glasses if splashing is expected during handling of product.

**Skin and Body Protection** Rubber or neoprene footwear. Impervious clothing or apron materials such as rubber, neoprene, nitrile or polyvinyl chloride. Wear liquid proof rubber or neoprene gloves. Thoroughly rinse the outside of gloves with water prior.

**Respiratory Protection** Not required under normal conditions of use. If concentrations in excess of 10ppm are expected, use NIOSH/DHHS approved self-contained breathing apparatus (SCBA, or other approved atmospheric-supplied respirator (ASR) equipment. DO NOT use any form of air-purifying respirator (APR) or filtering face-piece (AKA dust mask), especially those containing oxidizable sorbents such as activated carbon.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                        |                       |                |
|-----------------------|------------------------|-----------------------|----------------|
| <b>Physical state</b> | Liquid                 | <b>Odor</b>           | Odorless       |
| <b>Appearance</b>     | Clear colorless liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Colorless              |                       |                |

  

| <u>Property</u>                                | <u>Values</u>          | <u>Remarks • Method</u> |
|--|------------------------|-------------------------|
| <b>pH</b>                                      | 2.5                    |                         |
| <b>Melting point / freezing point</b>          | -3°C / 27°F            |                         |
| <b>Initial boiling point and boiling range</b> | 101°C / 214°F          |                         |
| <b>Flash point</b>                             | No data available      |                         |
| <b>Evaporation Rate</b>                        | >1                     | N-butyl acetate         |
| <b>Flammability (Solid, Gas)</b>               | Liquid- Not Applicable |                         |
| <b>Flammability Limit in Air</b>               |                        |                         |
| <b>Upper flammability or explosive limits</b>  | No data available      |                         |
| <b>Lower flammability or explosive limits</b>  | No data available      |                         |
| <b>Vapor Pressure</b>                          | 31 mmHg                |                         |
| <b>Vapor Density</b>                           | No data available      |                         |
| <b>Relative Density</b>                        | 1.01                   |                         |
| <b>Water Solubility</b>                        | Not determined         |                         |
| <b>Solubility in other solvents</b>            | Not determined         |                         |
| <b>Partition Coefficient</b>                   | Not determined         |                         |
| <b>Autoignition temperature</b>                | No data available      |                         |
| <b>Hyphen</b>                                  | Not determined         |                         |
| <b>Kinematic viscosity</b>                     | Not determined         |                         |
| <b>Dynamic Viscosity</b>                       | Not determined         |                         |
| <b>Explosive Properties</b>                    | Not determined         |                         |
| <b>Oxidizing Properties</b>                    | Not determined         |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Excessive heat. Contamination of any kind.

### Incompatible materials

Oxidizing agents. Reducing agents. Caustics. Heavy metals.

### Hazardous decomposition products

Oxygen.

## 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>   | Do not inhale.           |
| <b>Ingestion</b>    | Do not ingest.           |

### Component Information

| Chemical name                  | Oral LD50          | Dermal LD50            | Inhalation LC50                     |
|--------------------------------|--------------------|------------------------|-------------------------------------|
| Hydrogen Peroxide<br>7722-84-1 | = 1518 mg/kg (Rat) | = 9200 mg/kg (Rabbit ) | = 2000 mg/m <sup>3</sup> (Rat ) 4 h |
|                                |                    |                        |                                     |

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

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |  |
|--|--|
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation.                                       |
| <b>Carcinogenicity</b>                   | Group 3 IARC components are "not classifiable as human carcinogens". |

| Chemical name                  | ACGIH | IARC    | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Hydrogen Peroxide<br>7722-84-1 | A3    | Group 3 |     |      |

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)  
A3 - Animal Carcinogen  
IARC (International Agency for Research on Cancer)  
Group 3 IARC components are "not classifiable as human carcinogens"

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

|                                      |                |
|--------------------------------------|----------------|
| <b>Oral LD50</b>                     | 8,972.00 mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | 19.00 mg/l     |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Bioaccumulation is unlikely.

**Component Information**

| Chemical name                  | Algae/aquatic plants | Fish   | Crustacea                              |
|--------------------------------|----------------------|--|--|
| Hydrogen Peroxide<br>7722-84-1 |                      | LC50: =16.4mg/L (96h, Pimephales promelas)<br>LC50: 18 - 56mg/L (96h, Lepomis macrochirus)<br>LC50: 10.0 - 32.0mg/L (96h, Oncorhynchus mykiss) | EC50: 18 - 32mg/L (48h, Daphnia magna) |
|                                |                      |  |  |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other adverse effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

| Chemical name                  | California Hazardous Waste Status           |
|--------------------------------|---|
| Hydrogen Peroxide<br>7722-84-1 | Toxic<br>Corrosive<br>Ignitable<br>Reactive |

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

**15. REGULATORY INFORMATION**

**International Inventories**

| Chemical name     | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|-------------------|------|-----------------------|----------|---------------|------|-------|------|-------|------|
| Hydrogen Peroxide | X    | ACTIVE                | X        | X             | X    | X     | X    | X     | X    |
|                   |      |                       |          |               |      |       |      |       |      |

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name                  | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------------|--------------------------|----------------|--------------------------|
| Hydrogen Peroxide<br>7722-84-1 |                          | 1000 lb.       |                          |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Hydrogen Peroxide<br>7722-84-1 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special hazards</b>     |
|                    | 1                     | 0                   | 0                       | -                          |
| <b><u>HMIS</u></b> | <b>Health hazards</b> | <b>Flammability</b> | <b>Physical hazards</b> | <b>Personal Protection</b> |
|                    | 1                     | 0                   | 0                       | H                          |

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**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**