



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 31, 2017

Dr. Matthew Brooks  
Regulatory Consultant  
Cupron Inc. c/o Ag-Chem Consulting  
12208 Quinque Lane  
Clifton, VA 20124

Subject: Label Amendment –Reducing the minimum weight percent from 0.2%  
To 0.1%, present in some materials of the Cupron Cuprous Oxide Master label.  
Product Name: Cupron Cuprous Oxide  
EPA Registration Number: 84542-3  
Application Date: June 01, 2017  
Decision Number: 530521

Dear Dr. Brooks:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false

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or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Lorena Rivas by phone at 703-305-5027, or via email at [rivas.lorena@epa.gov](mailto:rivas.lorena@epa.gov).

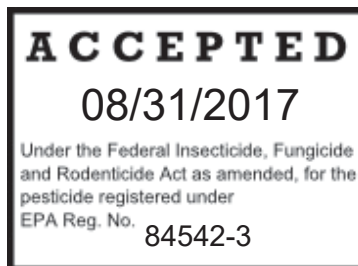
Sincerely,

A handwritten signature in red ink that reads "Jacqueline Hardy". The signature is written in a cursive style and is positioned above a faint, light-colored rectangular stamp or watermark.

Jacqueline Hardy, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: Approved Label

# Cupron Cuprous Oxide



**ACTIVE INGREDIENT:**

Cuprous Oxide .....	97.15%
Other Ingredients.....	2.85%
<b>TOTAL .....</b>	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN**

**WARNING ----- AVISO**

**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)**  
**See Below For Other Precautions.**

**EPA Reg. No. 84542-3**  
**EPA EST. NO.**

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**WARNING**

Causes eye, skin and upper respiratory tract irritation. Harmful if swallowed; causes gastrointestinal tract irritation. Copper metal may cause fume fever. Wear goggles or face shield, rubber gloves and an appropriate dust respirator (MSHA/NIOSH approval number prefix TC-21C) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Cupron Cuprous Oxide is a bacteristatic and fungistatic powder for manufacturing use. The powder is to be incorporated into synthetic fibers during the manufacturing process of a masterbatch. The fibers are used in the manufacturing process of materials incorporated into final articles. Cupron Cuprous Oxide provides bacteristatic and fungistatic protection to the final articles identified on this label. Manufactured products using Cupron Cuprous Oxide may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product.

**IMPORTANT!** Read precautionary statements before using this product.

This product is for use in materials that are incorporated into manufactured products listed below.

**Fibers: The final article is to contain from 0.1% to 50.0% Cupron Cuprous Oxide by weight.**

Household items, bedding, mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, table cloths, napkins, wiping cloths, mops, towels, vacuum cleaner bags, cushion pads, sleeping bags, brush bristles, air and dust filters, book covers, curtains, draperies, upholstery, wall covering fabrics, carpet underlay, carpet backing, conveyor belts that do not come in contact with any type of food, automotive and truck upholstery, automotive and truck carpeting, truck liners, convertible tops and interior liners, Apparel, outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, undergarments (undershirts, underwear, bras, thermal underwear), inner liners for jackets, shoes, gloves and helmets, sails, ropes, tents, tarps, canvas, ducking, awnings, umbrellas, outdoor upholstery, pool covers, boat covers, RV and auto covers.

**Floor coverings: The final article is to contain 0.1%-50.0% Cupron Cuprous Oxide by weight.**

Carpets, rugs, mats, indoor/outdoor carpet and broadloom and tile carpeting.

**Plastics, coatings, films and laminates: The final article (or finished coating) is to contain from 0.1% to 50.0% Cupron Cuprous Oxide by weight.** Automotive and vehicular parts; brush handles; building materials and components, wood and non-food contact plastic composites, collection and; concrete; conveyor belts that do not come in contact with any type of food; countertops; floor covering; flooring; footwear including boots; furniture; gaskets; glazing for cement tile, and for toilets, countertops; indoor and outdoor furniture; insulation for wire and cable; insulators; kitchen and bathroom hardware; liners; mats; mops; natural and synthetic fibers and fabrics; non-woven fabrics; plumbing supplies and fixtures; shower curtains, siding, sinks, sports equipment, tape, tiles, tubing, vacuum cleaner bags, wallboard, walls, waste containers, protective coverings for pools and hot tubs. For coatings used on the inside of fire system sprinkler pipes. Personal hygiene devices such as combs, brushes, hairclips.

**Adhesives and sealants: The final article is to contain from 0.1% to 50.0% Cupron Cuprous Oxide by weight.** Adhesives used in the manufacturing of wood and plastic composites, adhesives for ceramic tile, rubber, plastic, glazing for windows, grout, sealants for pipes, and adhesives for plumbing.

**Irrigation Systems: The emitter head is to contain from 20% to 25.0% Cupron Cuprous Oxide by weight.** Cupron Cuprous Oxide utilizes the capability of copper to inhibit root growth to protect subsurface irrigation emitters from root incursion that can result in an unacceptable decrement, or loss, of that subsurface irrigation emitter's function. This product may be utilized in the production of irrigation polymer emitter heads. This product can be custom fabricated to meet individual article design and root incursion protection requirements. Use of such a fabrication is restricted to the affixed emitter. For use in nonfood surface and subsurface irrigation systems for Fallow Land, Residential and Commercial Turf, Shrubs & Ground Cover, and Golf Course applications.

## STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Store in safe manner. Store in original container only. Store in cool, dry place. Storing product at temperatures below -30 °F and above 200 °F is not recommended. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Open dumping is prohibited.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follow: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if possible. If recycling is not possible, dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## WARRANTY

It is impossible to eliminate all risks inherently associated with the use of this product. All such risks shall be assumed by the buyer. Except as expressly provided herein, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.

**Manufactured by  
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