



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 18, 2015

Mr. Matthew Brooks  
Agent for Cupron, Inc  
Ag-Chem Consulting  
12208 Quinque Lane  
Clifton, VA 20124

Subject: PRIA Label Amendment – Adding agricultural irrigation systems use pattern  
Product Name: Cupron Cuprous Oxide 95  
EPA Registration Number: 84542-5  
Application Date: January 24, 2014  
Decision Number: 487547

Dear Mr. Brooks

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) 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 you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Tom Luminello by phone at (703) 308-8075, or via email at [Luminello.tom@epa.gov](mailto:Luminello.tom@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.

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

Enclosure      Stamped Accepted Label

# Cupron Cuprous Oxide 95

**ACTIVE INGREDIENT:**

<b>CUPROUS OXIDE</b> .....	<b>95.00%</b>
<b>OTHER INGREDIENTS</b> .....	<b>5.00%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**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. 84542-5**

**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, preferably 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.

**ACCEPTED**

**06/18/2015**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under

EPA Reg. No. 84542-5

**June 9, 2015**

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

Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

**Personal Protective Equipment (PPE)**

Mixers, loaders, and other handlers must wear the following:

- Long sleeves;
- Long pants;
- Shoes plus socks; and
- chemical resistant gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product. Do not reuse them.

**User Safety Requirements**

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Cupron Cuprous Oxide 95 is a bacteristatic and fungistatic powder for incorporation into synthetic fibers during the manufacturing process of a masterbatch. 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 95 provides bacteristatic and fungistatic protection to the final articles identified on this label. Manufactured products using Cupron Cuprous Oxide 95 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 0.2% to 50.0% Cupron Cuprous Oxide 95 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 0.2%-50.0% Cupron Cuprous Oxide 95 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 0.2% to 50.0% Cupron Cuprous Oxide 95 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 0.2% to 50.0% Cupron Cuprous Oxide 95 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 95 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 food and nonfood surface and subsurface irrigation systems for Fallow Land, Residential and Commercial Turf, Shrubs & Ground Cover, Golf Course applications, and Crop irrigation systems (including the following crops;- Raspberries, Strawberries, Blackberries, Blueberries, Boysenberries, Cranberries, Citrus, Grapefruit, Lemon, Lime, Oranges, Coffee, Kale, Broccoli, Brussel Sprouts, Cabbage, Apples, Pomegranate, Alfalfa, Grass / Forage, Cotton, Fiber Trees, Avocados, Bananas, Cucumber, Gourd, Pumpkins, Squash, Corn, Corn Seed, Raisins, Table Grapes, Wine Grapes, Maize, Rice, Sorghum, Sugar Cane, Wheat, Basil, Cilantro, Ginseng, Herbs, Parsley, Hops, Spinach, Leafy Greens, Lettuce, Beans, Soybeans, Cantaloupe, Melons, Watermelons, Tobacco, Tomatos, Garlic, Leek, Onions, Shallot, Peppers, Apricots, Cherries, Nectarines, Peaches, Plums, Prunes, Beetroot, Carrots

Sugar Beets, Turnips, Artichokes, Safflower, Sunflower, Olives, Pears, Almonds, Pecans, Pistachios, Walnuts, Filberts, Macadamia Nut, Dates, Figs, Mangos, Okra, Papaya, Pineapple, Potatoes, Sweet Potato, Taro Root, Asparagus, Celery, Greenhouse vegetables).

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or 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. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**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  
Cupron Inc.  
800 East Leigh St.  
Richmond VA 23219  
1-800-858-7378  
Net Contents:  
Batch Code:**

**June 9, 2015**