



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

JUL 22 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

Subject: Cupron Cuprous Oxide  
EPA Registration No. 84542-3  
Application Dated: May 6, 2009  
Receipt Date: May 12, 2009

Dear Dr. Brooks:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comment.

**Proposed Amendment**

Revised labeling per EPA letter dated April 30, 2009

**Labeling Comments:**

On page 2 under Directions for Use, use mandatory language as per PR 2000-5. Revise the sentence to read: "This product is for use in materials that are incorporated...below."

**Other Comments:**

Future labeling amendments may be accomplished by submitting a copy of the electronic label. Refer to the following website for guidance on electronic submissions, including label:  
<http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm>.

If you have any questions concerning electronic label submissions, please refer to the above website for a list of contact personnel for more information.

Submit five (5) copies of the final printed label bearing the above revisions. A stamped copy of the accepted labeling is enclosed.

Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6415 or email address at: [lantz.tracy@epa.gov](mailto:lantz.tracy@epa.gov), or Renae Whitaker telephone at (703) 308-7003 or email address at: [whitaker.renae@epa.gov](mailto:whitaker.renae@epa.gov) during the hours of 8:00 am to 3:30 pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



 Tracy Lantz  
(Acting) Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: (EPA stamped approved label)

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 22 2009

# Cupron Cuprous Oxide

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 84542-3

**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

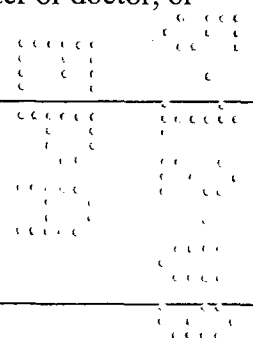
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**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.



**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 may be incorporated into manufactured products listed below.

**Fibers: The final article is to contain from 0.2% to 4.0%% 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 0.2%-4.0% 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 0.2% to 4.0% 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 0.2% to 4.0% 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.

**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 DISPOSAL:** 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.

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**Manufactured by  
Cupron Technologies  
Greensboro NC 27404**

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