

10465-33

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

March 14, 2006

Kevin J. Archer
Product Development Manager
One Woodlawn Green
Suite 350
200 East Woodlawn Road
Charlotte, NC 28217

Subject: ACQ-C
EPA Registration No. 10465-33
Application Date: January 9, 2006
EPA Received Date: January 11, 2006

Dear Mr. Archer:

The following amendment, submitted under connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FFIRA), as amended, is acceptable with the following conditions:

Proposed Amendment

- Revised labeling

Conditions

1. There are no established tolerance for copper ammonium carbonate on or in food or feed commodities. For agricultural uses, the burlap may be misused for raw agricultural commodities. To avoid the possible misuse, the agricultural use must specify non-food use and non-fruit bearing plants.

		CONCURRENCES					
SYMBOL	7510C						
IRNAME	J. Long						
DATE	3-14-06						

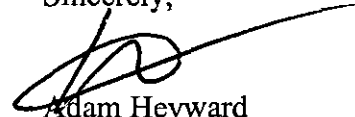
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General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at 703-308-6422.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510 C)

PRECAUTIONARY STATEMENTS

Hazards to Humans to Domestic Animals

Danger. Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield. Applicators must wear gloves impervious to this product and its treatment solutions. Wash thoroughly after handling and before eating, drinking, using tobacco products or using the toilet. Do not eat, drink, or use tobacco products during those parts of the application process that may involve exposure to this product or its treatment solutions.

Remove clothing immediately if pesticide gets inside. Then thoroughly wash and put on clean clothing. Remove protective clothing after handling this product or its treatment solutions. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Applicators must leave protective clothing and workshoes or boots and equipment at the treatment plant. Keep and wash protective clothing separately from other laundry.

Individuals who enter pressure-treatment cylinders and other related equipment that are contaminated with this product or its treatment solutions (e.g. cylinders that are in operation or are not free of the treatment solution) must wear protective clothing including coveralls, jacket, gloves and boots. In addition, individuals who enter pressure treatment-cylinders must wear properly fitting, well-maintained, high-efficiency respirators, MSHA/NIOSH approved for ammonia. If the level of ammonia in the plant is unknown, or exceeds the short-term exposure limit (STEL) of 35 ppm, or the 8-hour time-weighted average of 25 ppm recommended by ACGIH, air-monitoring programs, procedures and record retention must be conducted in accordance with OSHA standards.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a 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.

ACQ-C

ACTIVE INGREDIENT	BY WEIGHT
Copper ammonium carbonate*	24.1%
Other Ingredients	75.9%
TOTAL	100.0%

*Metallic Copper equivalent.....8%
Contains 0.784 lbs. copper per gallon.

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID

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.

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 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 inhaled: Move person to fresh air. If person is 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.

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

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

CHEMICAL SPECIALTIES, INC.
200 E. Woodlawn Road, Suite 350
Charlotte, NC 28217

email: productinfo@chemspec.com

ACCEPTED with COMMENTS
in Case of Emergency, Phone: 1-800-424-9300 (CHEMTREC)
EPA Letter Date: EPA Reg. No. 10465-33

MAR 14 2006 EPA Est. No. 10465-NC-1

EPA Est. No. 10465-GA-1

EPA Est. No. 10465-TX-1

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as amended, for the pesticide,
registered under EPA Reg. No. 10465-33

POST A COPY OF THIS LABEL IN WORK AREA

DIRECTIONS FOR USE

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

FOR TREATMENT OF BURLAP

ACQ-C is a copper-based mildewcide specifically formulated to impart fungus resistance on burlap for agricultural, horticultural, nursery or military uses. For dip application, dilute ACQ-C 1:1 with water and fully immerse the burlap. For optimal performance, the loading of copper on the burlap should be in the range 1.5-2.0 % metallic copper (Cu) measured on a dry basis. Treating vessels (tanks) and associated equipment e.g. piping valves and fittings should not contain brass or bronze.

INSTRUCTIONS FOR PRESSURE- TREATING WOOD

ACQ-C can only be used in conjunction with a vacuum pressure-treating vessel for impregnating forest products such as lumber, millwork, poles and piles. A treatment solution of ACQ-C must be prepared prior to use. Do not use when brass, bronze, or copper can be contacted. Impregnation procedures must follow the applicable specifications of the American Wood Preserver's Association. Treated wood is provided protection against termites, ascomycetes, brown rot and white rot.

Preparation of Treatment Solution

Use ACQ-C to make a 10% Ammoniacal Copper Quat (ACQ) Type A or Type B Solution.

ACQ Type A Solution: To 1000 gallons of ACQ-C solution, add 168 gallons of a 50% active quaternary ammonium compound (Quat) product approved for wood preservation. The resulting treatment solution is 1168 gallons and contains 8.9% CuO and 8.9% Quat.

ACQ Type B Solution: To 1000 gallons of ACQ-C solution, add 84 gallons of a 50% active quaternary ammonium compound (Quat) product approved for wood preservation. The resulting treatment solution is 1084 gallons and contains 9.4% CuO and 4.7% Quat.

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**INSTRUCTIONS FOR TREATMENT OF
COMPOSITE WOOD COMPONENTS**

For treatment of composite wood components, ACQ-C can be applied either neat (10% active copper) or as a 1:1 dilution in water (5% active copper). The solution concentration and amount applied should result in a retention of copper in wood of 0.1-0.5 pounds per cubic foot (pcf). Note that the amount of treatment solution applied may vary depending on the moisture content of the composite wood component and the desired distribution of ACQ-C in wood.

Apply the treatment solution by spraying the composite wood component with a low-pressure sprayer. A moderately fine spray, not an aerosol or fog, generally provides the best coverage. Apply in a commercial spray booth, with adequate ventilation and scrubbers to ensure the ambient ammonia levels do not exceed the levels noted in the Precautionary Statements section.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

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

Container Disposal:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONDITIONS OF SALE AND WARRANTY

Seller warrants that its product conforms in its standard specifications set forth on this label. SELLER MAKES NO OTHER REPRESENTATIONS OR WARRANTIES OF ANY KIND, AS TO THE MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR ANY OTHER MATTER WITH RESPECT TO THE PRODUCT, WHETHER USED ALONE OR IN COMBINATION WITH ANY OTHER MATERIAL. BUYER ASSUMES ALL RISKS TO PERSONS OR PROPERTY ARISING OUT OF THE USE OR HANDLING AND ACCEPTS THE PRODUCT SUBJECT TO THE CONDITIONS SET FORTH ON THIS LABEL. BECAUSE TIME, GEOGRAPHICAL LOCATION, RATE OF APPLICATION, AND OTHER CONDITIONS ARE BEYOND THE SELLER'S LIABILITY FOR ANY LOSS OR DAMAGES ARISING OUT OF ANY CASE CAUSE INCLUDING STORAGE, HANDLING AND USE OF THIS PRODUCT SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT IN RESPECT TO WHICH SUCH CAUSE ARISES OR AT SELLER'S OPTION THE REPLACEMENT OF SUCH PRODUCT AND IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES RESULTING FROM ANY CAUSE. No claim for any cause whatsoever shall be allowed unless Buyer gives Seller prompt written notice thereof. Failure to commence action with respect to such claim within a year from date of delivery of ACQ-C for which a claim is alleged, shall constitute a waiver by Buyer of any such claim.

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