



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
1022-593

Date of Issuance:
NOV 18 2011

Term of Issuance:
Unconditional

Name of Pesticide Product:
Cusol-5

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Gail Watson
IBC Manufacturing Company
416 East Brooks Road
Memphis, TN 38109

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision Number: D-447024) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

- a. Submit a 1 year storage stability and corrosion characteristics study following OPPTS 830.6317 and 830.6320 guidelines.
- b. Increase the font size of the Signal Word "Danger" on the label.

Signature of Approving Official:

Stacey Brucely
Jacqueline Campbell-McFarlane, Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

NOV 18 2011

CONCURRENCES

| | | | | | | | |
|---------|-----------------------|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | EPA Form 8570-6 | | | | | | |
| DATE | EPA Reg. No. 1022-593 | | | | | | |

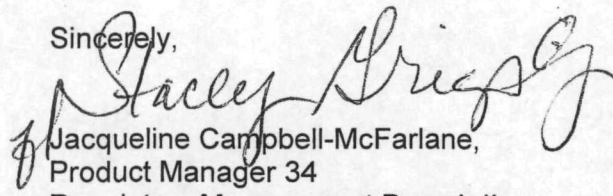
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- c. You must revise the First Ad Statements to include the "NOTE TO PHYSICIAN" language as stated in the attached acute toxicity review dated, 6/28/11.

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

A stamped label with comments is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6416 during the hours of 8:00 am to 4:00 pm EST.

Sincerely,



Jacqueline Campbell-McFarlane,
 Product Manager 34
 Regulatory Management Branch II
 Antimicrobials Division (7510P)

Enclosures: Stamped Label
 6/28/11 Acute Toxicity Review

CONCURRENCES

| SYMBOL | | | | | | | |
|---------|--|--|--|--|--|--|--|
| SURNAME | | | | | | | |
| DATE | | | | | | | |

3048

CuSol-5

Wood Preservative

FOR EXTERIOR USE ONLY

Ingredient Statement

Active Ingredient:

Copper Hydroxide
(CAS No. 20427-59-2)..... 7.7%*

Inert Ingredients: 92.3%

Total: 100.0%

*Equivalent to 5% metallic copper

CuSol-5 weighs approximately 9.40 lbs. per gallon

EPA Reg. No. 1022-_____

EPA Est. No. 1022-TN-001

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

| | |
|-------------------------------|--|
| IF IN EYES | <ul style="list-style-type: none"> • 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. • Call a Poison Control Center or doctor for treatment advice. |
| IF ON SKIN OR CLOTHING | <ul style="list-style-type: none"> • 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 SWALLOWED | <ul style="list-style-type: none"> • 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 by a Poison Control Center or doctor. • Do not give anything by mouth to an unconscious person. |

In case of emergency, call Chemtrec at 1-800-424-9300.
Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

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

ACCEPTED
with COMMENTS:
in EPA Letter Dated:
NOV 18 2011

Manufactured by:
IBC Manufacturing Company
416 East Brooks Road
Memphis, TN 38109

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1022-593

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, protective clothing and rubber gloves. 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.

In case of medical questions, emergencies or accidents involving this product, call Chemtrec at 1-800-424-9300.

ENVIRONMENTAL HAZARDS

This product 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 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland, or river to prevent possible runoff of the product into the waterway. Treated lumber stored within 100 feet of a pond, lake, stream, or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway. If a berm or curb is used around the site, it should consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

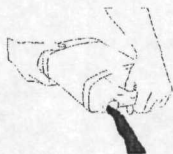
Products formulated or repackaged from this product must be labeled for "Exterior Use Only", and must bear all the statements listed under the section entitled Precautionary Statements and the formulator(s) or repackager(s) telephone number.

CuSol-5 is a concentrate and requires dilution with water before use. To treat wood for use in moderate decay hazard locations, dilute one volume of CuSol-5 with 4 volumes of water. To treat wood for use in high decay hazard locations, such as ground contact, dilute one volume of CuSol-5 with 1.5 volumes of water.

]]]]](OPTIONAL LANGUAGE FOR ONE-QUART AND ONE-GALLON F-STYLE JUGS):

DISPENSING INSTRUCTIONS:

In order to ensure that the product does not glug or drip, remove cap and hold the jug so that the pour opening is to the one side. (See diagram below). Gently lift the bottom of the jug, while holding the top level, and tip the spout forward. Pour slowly, so that product pours in a continuous, coherent stream. When pouring is complete, return the jug to the upright position and replace the cap.



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PARTICLE BOARD

CuSol-5 is employed as a preservative for particle board, insulation board, and other wood base fiber and particle panel materials. In this use, CuSol-5 is mixed with furnish resin or binding agent at 1 to 3% based on dry weight of wood. Always test compatibility with the specific resin or binding agent before use.

FOR TREATMENT BY DIP, ROLLER, BRUSH, AND SPRAYING

ABOVE-GROUND CONTACT

The best results will be obtained if wood to be treated is immersed for 3 minutes or longer. If dipping is not possible, 2 brush coats, roller, or spray applications should be applied. Allow at least 1 hour between applications. Make certain all areas are fully treated to get the maximum benefits. Allow 24 hours or longer after application of the preservative prior to painting.

GROUND CONTACT

Seasoned or green wood may be treated. Make certain the wood is free of bark, then immerse in CuSol-5 for 12 to 48 hours or until the sapwood is completely penetrated.

COVERAGE: One gallon covers 100-300 sq. ft. depending upon the wood species, porosity of the wood, and method of application.

Water repellents may be mixed with CuSol-5 to improve dimensional stability of the treated wood. Colorants may be admixed for aesthetics and additional UV protection. This product is compatible and may be colored by the universal machine colorants employed to color oil or water-based paints. Note that colorants weather differently, and that color development varies with species, grain and wood undertone.

USE SITES

CuSol-5 is for use on windows, window frames, doors, siding, shakes & shingles, trellises, fence pickets and rails, arbors and beverage cases. Powder post beetles which invade structural lumber are killed by application of this preservative. These insects will not attack the treated wood.

CuSol-5 may also be used on fence posts, poles, foundation sills, decks, and all exterior wood exposed to moisture or weather. Do not apply on or near water or wetlands.

Since CuSol-5 has very low phytotoxicity it can be used to treat wood for greenhouses, nursery flats, etc.

Wood to be protected against subterranean termites must be treated before use in construction. Termites will not attack wood properly treated with CuSol-5 Wood Preservative.

States may have more restrictive requirements regarding qualification of person using this product. Consult the structural pest control regulatory agency of your state prior to the use of this product.

Wood treated with CuSol-5 must not be used where it may come in contact with food, feed or potable water.

Personal Protective Equipment (PPE):

Mixers, applicators and other handlers must wear:

- Coveralls worn over long sleeved shirt and long pants
- Chemical resistant footwear
- Chemical resistant gloves
- Goggles or Safety Glasses

When mixing, loading, or cleaning equipment, wear a chemical resistant apron. For overhead exposure, wear chemical-resistant headgear.

User Safety Requirements:

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

User Safety Recommendations:

- Users must wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User must remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

STORAGE AND DISPOSAL (Residential)

Store in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to unmarked containers. Keep container closed when not in use. Call local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. Non-refillable container. Do not refill or reuse this container. Offer for recycling if available. If not, discard in trash.

STORAGE AND DISPOSAL (Commercial/Industrial)

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

PESTICIDE STORAGE: Store in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to unmarked containers. Keep container closed when not in use.

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.

CONTAINER HANDLING: Non-refillable Container. Do not reuse or refill this container. Triple rinse as follows: Fill container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after flow begins to drip. Repeat procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Direction for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product which appear on the product label. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.