



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
 Office of Pesticide Programs  
 Antimicrobials Division (7510C)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number:  
**241-420**

Date of Issuance:  
**November 22, 2005**

Term of Issuance:  
**Unconditional**

Name of Pesticide Product:  
**Cu-HDO- Bis (N-Cyclohexyldiazeniumdioxy)-copper**

**NOTICE OF PESTICIDE:**

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**BASF Corporation**  
 26 Davis Drive  
 P.O. Box 13528  
 Research Triangle Park, NC 27709-3528

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/reregistered 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 is conditionally registered in accordance with FIFRA sec 3(c)(5) provided that you:

1. Submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration Number 241-420".
  - b. The ingredient statement must total 100%.

Signature of Approving Official:

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

Date:

November 22, 2005

c. Revise the precautionary statement heading to read as follows:

**PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

d. Add the following sentence at the beginning of the environmental hazards statement: "This product is toxic to fish and wildlife."

e. The net weight must be added to the label. The net weight must be expressed in U.S. units of measurement. The label may also declare net contents in metric units, e.g. 1 gallon (3.785 liters)

f. Revise the First Aid Statement and its heading to read:

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

**IF SWALLOWED:** Call 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 the 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.

In case of emergency call (insert toll-free emergency number).  
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."

The following statements are suggested types of information that may be included, if applicable:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

g. Revise the paragraph "For use in formulating wood preservative, etc..." to read as follows:

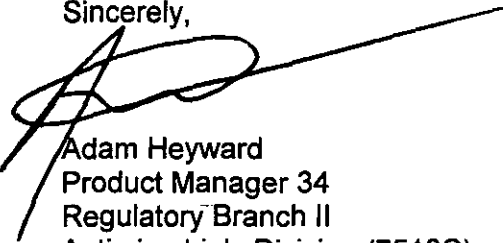
"For use in formulating wood preserving end use products only. Wood treated with Cu-HDO must not be used in aquatic habitats. Specifically, this product shall not be used for preservative treatment of the following Use Categories (UCs) of forest products (as defined by the 2005 edition of the AWWPA Standards): UC4A, UC4B, UC4C – freshwater/saltwater scenarios only and UC5A, UC5B, UC5C – all scenarios. Wood treated with Cu-HDO must not be used for packaging food or feed. Lumber used in the construction of bee-hives must not be treated with Cu-HDO.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

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 copy of the label is enclosed for your records.

Sincerely,



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

Enclosure: (Stamped Label)

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*Draft Label*

# Cu-HDO - Bis (N-Cyclohexyldiazeniumdioxy)-copper

## MANUFACTURING USE PRODUCT

For use in the formulation of wood protectants against fungal decay

Active Ingredient Bis-(N-Cyclohexyldiazeniumdioxy)-copper 97.75 %\*

Inert Ingredients 2.25 %

\* Corresponds to a metallic copper equivalent of 17.75 %

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

EPA Reg. No.

EPA Est. No. 005526-DEU-001

NOV 22 2005

**KEEP OUT OF REACH OF CHILDREN**

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

**DANGER**

241-420

### PRECAUTIONARY STATEMENTS

**DANGER.** Corrosive. Causes irreversible eye damage. Maybe fatal if inhaled. Harmful if absorbed through the skin. Do not breathe dust. Do not get in eyes or on skin or on clothing. Wear a mask or a pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### STATEMENT OF PRACTICAL TREATMENT

**If In Eyes:**

- Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for further 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 treatment advice.

**Draft Label**

**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:**

- 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.

**NET WEIGHT POUNDS**

**ENVIRONMENTAL HAZARDS**

Do not discharge effluents containing this product into lakes, streams, ponds, estuaries, oceans, or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment authority. For guidance contact your state Water Board or Regional Office of the U. S. Environmental Protection Agency.

**DIRECTIONS FOR USE**

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

For use in formulating wood preserving end use products only. Wood treated with Cu-HDO containing preservatives is not approved or intended in the use of packaging food or feed. Lumber used in the construction of bee-hives shall not be treated with Cu-HDO containing wood preservatives. Wood treated with Cu-HDO containing preservatives shall not be used in aquatic habitats.

**STORAGE AND DISPOSAL**

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

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**Draft Label**

**STORAGE:**

Store this product in a dry, cool place below 110 degrees Fahrenheit. Keep container tightly sealed when not in use. Do not reuse empty container. Keep this product and its vapors away from desirable plants, seeds, fertilizers, insecticides and other agricultural chemicals, as plant injury or loss may result from contamination.

**PESTICIDE DISPOSAL:**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

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

**CONDITIONS OF SALE AND WARRANTY**

BASF Corp. warrants that the product conforms to its chemical description and the specifications thereof. BASF CORP. MAKES NO OTHER EXPRESS OF IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product Buyer are beyond the control of BASF Corp., and BASF Corp. shall not be liable for, and Buyer assumes responsibility for, all personal injury and property damage resulting from the handling, possession, use or resale of the material, whether the same is used alone or in combination with other substances. IN NO EVENT WILL BASF CORP. BE RESPONSIBLE FOR SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER BUYER'S CLAIM IS IN CONTRACT, NEGLIGENCE OR OTHERWISE:

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