

84397-1

09/24/2007

117

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

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

EPA Reg.
Number:
84397-1Date of Issuance:
September 24,
2007Term of Issuance:
UnconditionalName of Pesticide Product:
Moldban-10

Name and Address of Registrant (include ZIP Code):

EnvironmentalRx, Inc.
76 Mamaroneck Ave., Suite 15
White Plains, NY 10601

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 unconditionally registered in accordance with FIFRA sec 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and 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 84397-1."
- b. The correct spelling of the active ingredient is "Copper-8-quinolinolate."

Signature of Approving Official:

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

Date:

September 24, 2007

- c. Revise the statement to read as follows:

PAPER AND PAPERBOARD PRODUCTS:

THIS PRODUCT IS ONLY FOR USE IN NON-FOOD APPLICATION, such as Brown Paper Mills, Sheet for corrugated Board, Kraft Paper, Newsprint and similar paper/paperboard not intended for food contact uses.

- d. Revise the following statement to read:

"Lumber treated with Moldban-10 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, wetland, 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."

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)

MOLDBAN-10

For use as a fungicide in or on Adhesives, Kraft Paper, Paints, Paperboard, Textiles, and Wood

ACTIVE INGREDIENT:

Copper-8-quinilinate* 10.0%

OTHER INGREDIENTS: 90.0%

TOTAL: 100.0%

Metallic copper equivalent..... 1.8%

Contains 0.90 lb. active ingredient per gallon

*CAS No. 10380-28-6

KEEP OUT OF REACH OF CHILDREN CAUTION

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 eye. • 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 inhaled:	<ul style="list-style-type: none"> • 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:	<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 do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800 424-9200 for emergency medical treatment information.	

EPA Reg. No. 84397-

EPA Est. No.

Manufactured for:

EnvironmentalRx, Inc.
76 Mamaroneck Ave, Suite 15
White Plains, NY 10601
(631) 236-2480

Net Weight:

ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP 24 2007

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

84397-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin or inhaled. Causes eye irritation. Prolonged frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear the following:

- Long-sleeve shirt
- Long pants
- Shoes plus socks

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 the product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

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.].

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

GENERAL INFORMATION

Moldban-10 is an aqueous suspension of copper-8-quinolinolate. Low concentrations provide long term protection against fungal attack and will help prevent surface growth, musty odors, and premature product failure on textiles, wood, paper, paperboard, adhesives and paints. Products which are treated properly with Moldban-10 resist degradation by fungi or mildew after long-term exposure to heat, water and severe weathering conditions.

Examples of items which are protected with Moldban-10 include shoe counters, flooring felt, heavyweight fabrics such as tents, tarpaulins, webbing, awnings, and supply bags, adhesives, shoe liners, paints, paper, wallboards, wood, and similar systems that require an effective antimicrobial compound.

Restrictions:

Do not apply this product to animals, plants, potable water, food or feed stuffs.

Do not use for treated wood which will be in frequent or prolonged contact with bare skin.

To prevent possible injury to desirable plants, plants should be covered if they may be contacted by the solution during treatment.

Mixing Directions

Moldban-10 is to be diluted by addition of water. Add a small amount of the total required amount of water and stir until homogeneous. Then add the remaining amount of water. Avoid vigorous agitation.

Recommended Dose Levels

Paper and Paperboard Products: Use a minimum level of 5.5% Moldban-10 by weight (equivalent to 0.1% Cu) for incorporation into the product. This rate is recommended to control mold, mildew and fungal degradation. Kraft papers are treated by dip and dry methods. Paperboard and heavy krafts are treated by adding the Moldban-10 to the pulp followed by thorough mixing of the pulp and Moldban-10.

Military shoe counter specifications: 0.5% to 0.10% Cu.

Textiles: Use a minimum level of 8.3% Moldban-10 by weight (equivalent to 0.15% Cu) for control of textiles mold, mildew and fungal degradation. Water repellants can be incorporated with Moldban-10 into the textiles. Before incorporating these products, check to be sure that the water repellant and Moldban-10 are compatible and form a uniform mixture that does not form flakes, sludges, jells, oily films or layers, or other precipitates. If these are observed, the mixture of Moldban-10 with the water repellant should not be used.

Wood: Moldban-10 is recommended for the control of wood decay of items with above-ground uses. Such items include decking for trucks, patios, and swimming pools; ladders, boat interiors, gypsum board or panelings in shower rooms. Dilute Moldban-10 as a 1:10 dilution in water. Dip the wood to be treated in the Moldban-10 solution for three minutes. Alternatively, the wood can be painted using 1 gallon of the 1:10 Moldban-10 dilution per 450 sq. ft. of wood.

Adhesives: For dried-film protection of adhesives and glues, use Moldban-10 at 2.8% to 5.8% by weight of the dry material. Synthetic emulsions (ethylene-vinyl acetate) and naturally-derived starches, dextrans and animal glues are protected from mildew by a thorough mixing of the Moldban-10 in the final compounding of the adhesive.

Paints: Add Moldban-10 to interior latex paints at rates ranging from 1% to 10% by volume of paint. Optimum protection of the paint film from mold and mildew are obtained with dose levels of 7.5% (v/v).

For Sapstain Control to Wood: Apply Moldban-10 to freshly cut softwood or hardwood lumber or to debarked timber within 24 hours of sawing or planning. Under warm weather conditions, the time between sawing or planning and application is more important. Select the Moldban-10 application rate based on the type of lumber to be treated, the type of storage or shipping conditions under which the lumber or wood will be transported, and the length of sapstain control desired. The higher rates are used for hard-to-wet woods (i.e., Douglas Fir), when the conditions for wood disease are expected to be severe, when weather conditions are hot and humid, and when extended length of protection from sapstain is desired.

Protect treated wood from heavy rainfall until the wood is completely dry. Moldban-10 can be applied using calibrated sprays, most effective for treating debarked timber and lumber, or by dipping treatments, if the equipment allows complete coverage of the wood surface. Maintain proper dilution ratios of the spray mixture or dipping tank solutions by routinely measuring the concentration of Moldban-10 in these solutions.

Spray Applications: Dilute Moldban-10 with water by mixing 1 part Moldban-10 with between 15 and 60 parts water. Apply as a coarse spray to thoroughly cover the wood surface. Collect any solution that runs off from the treated wood so it can be re-used. One gallon of the diluted spray solution will treat 150 to 250 sq. ft. of wood, depending on the wood type.

Dip Applications: Dilute Moldban-10 with water by mixing 1 part Moldban-10 with between 15 and 40 parts water. Ensure that the placement of the wood allows all wood surfaces to be completely covered by the treatment solution. Allow the wood to be immersed in the treatment solution for a minimum of three minutes. After removing the wood from the dipping equipment, allow any treatment solution to drip back into the equipment for re-use. Five to ten gallons of the diluted dipping solution will treat 1,000 board feet.

Handling Precautions

Moldban-10 will stain clothing. Its green color will be difficult to remove.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not allow to freeze.

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

CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of EnvironmentalRx, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold EnvironmentalRx, Inc. and Seller harmless for any claims relating to such factors.

EnvironmentalRx, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with the Directions for Use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or EnvironmentalRx, Inc., and Buyer and User assume the risk of any such use. ENVIRONMENTALRX, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither EnvironmentalRx, Inc. nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENVIRONMENTALRX, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENVIRONMENTALRX, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

EnvironmentalRx, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of EnvironmentalRx, Inc.