

AUG 13 1992

Joyce B. Pazianos  
Pazianos Associates  
1338 G Street, S.E.  
Washington, D.C. 20003

Dear Ms. Pazianos:

Subject: Continental Products Company  
Continental Water Reducible Mildewcide  
EPA Registration No. 2072-11  
Revised Labeling  
Your Application Dated 3/16/92

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of your finished printed labeling must be submitted prior to releasing the product for shipment.

In the ingredients statement, correct the spelling of "propynyl". As required in our letter of 2/12/92, you must relocate the statement, "Contains Petroleum Distillates", immediately beneath the ingredient statement.

Sincerely Yours,

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	C. Lewis						
DATE	7-27-92						

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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

2072-11



EPA REG. NO. 2072-11

EPA REG. NO. 2072-11  
ACTIVE INGREDIENT  
3,000 2,1-DIPHENYL  
ETHYLENE CARBAMATE  
OTHER INGREDIENTS

# BIOGARD W.R.M.

The Continental Products Co.

Euclid, Ohio 44117 U.S.A.

5 Gallons U.S.  
Standard Measure  
(18.93 Liters)  
Weight/Gal. 8.51 Lbs.

KEEP OUT OF REACH OF CHILDREN  
**WARNING**  
SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS  
INTENDED FOR INDUSTRIAL OR PROFESSIONAL USE ONLY  
NOT FOR SALE TO THE GENERAL PUBLIC

## WARNING

**WARNING: CONTAINS PETROLEUM DISTILLATES.** Use only with adequate ventilation. Avoid prolonged breathing of vapor or spray mist. Harmful if swallowed or inhaled. Do not get in eyes, skin or clothing. Wear goggles and rubber gloves when handling and rubber gloves and protective clothing when handling freshly treated lumber. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before re-use.

### STATEMENT OF PRACTICAL TREATMENT

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF SWALLOWED:** Do not induce vomiting. Promptly drink a large quantity of milk, egg whites, or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Get medical attention immediately.

**IF INHALED:** Remove victim to fresh air. If not breathing, apply artificial respiration, preferably mouth to mouth, if indicated. Get medical attention.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

### PHYSICAL AND CHEMICAL HAZARDS

**COMBUSTIBLE:** Do not use or store near heat or open flame. In case of fire, use water spray, foam, carbon dioxide or dry chemical. Observe OSHA limits on employee exposure to air contaminants.

**BEST AVAILABLE COPY**

March 13, 1992

RIGHT PANEL

**DIRECTIONS FOR USE**

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

**GENERAL** - BIOGARD W.R.M. is a water reducible non-metallic broad specturm fungicide concentrate that can be applied by dip, spray, or flow coat method. It can be used on lumber, log homes, millwork, plywood, windows, smooth or rough cut siding, decks, shingles (not asbestos), shakes, clapboards, porches, railings, structural support timbers, cold frames, greenhouses and other applications where fungal protection of wood is necessary. This concentrate is easily emulsified with water to give a fine particle size emulsion. Because of its excellent stability, it can be added directly into borate solutions for those treaters using the dip diffusion process. Contact Continental for specific recommendations.

BIOGARD is intended for use on wood to be used above ground only. It is not intended for wood that will come into ground contact. This product should not be used on primed or previously painted surfaces, or on wood that will come in contact with food, feed, or potable water. Due to the presence of petroleum distillates in this product, do not use where dairy cattle or livestock can come in contact with the treated wood.

**FOR SAPSTAIN, MOLD AND MILDEW CONTROL** - Add one (1) part BIOGARD TO SIXTY-FIVE (65) parts clean tap water. If climate, location or lumber methods are particularly susceptible to severe fungal problems, increase solution strength to one (1) part BIOGARD to forty (40) parts water.

**MIXING** - First add partial amount of water to the mixing vessel or dip tank. Then add full amount of BIOGARD concentrate followed by the remaining portion of water. Triple rinse the container used to dispense the BIOGARD concentrate with water and add the rinsate to the dilution. Constantly stir or agitate, preferably with a powered mixer, during the entire mixing process.

**APPLICATION** - Dip, spray, or flowcoat. Not recommended below 40 F. For lower application temperatures, consult the Continental Products Company for recommendations. For dip treatment, logs or lumber should be totally immersed to insure all surfaces are treated. A three to six minute immersion is preferable, depending on lumber size. Over treatment is never objectionable. **DO NOT UNDERTREAT.** For spray or flowcoat application, total coverage of the wood is critical. The spray or flowcoat method is not as effective as dip treatment, because less solution is applied and absorbed into the wood.

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**RECOMMENDATIONS** - Shelter dip tanks with a roof or covering to prevent addition of rainwater and dilution of the BIOGARD solution. Keep the emulsion solution clean by regularly removing debris and sawdust from tanks and spray equipment. If the emulsion solution should freeze in the treating tank, it must be thawed and agitated. BIOGARD W.R.M. concentrate is formulated to remain stable under normal conditions. However, at 20 F, phase separation may occur. The concentrate must then be brought to a normal temperature and stirred before using.

**IMPORTANT** - To insure best results, wood to be treated with the BIOGARD solution must be free of bark and fungal organisms. If possible, cut and machine wood prior to treatment. Freshly cut wood should be treated within 24 hours. Otherwise fungal attack may extend below the surface of the wood beyond the reach of the fungicide treatment. Logs or wood encased in ice should not be treated until thawed. After treatment the wood should be stickered when stacked to insure adequate air circulation. Wooden stickers should also be treated with BIOGARD to prevent fungal growth at points of wood sticker contact. Freshly treated wood must be protected from rain to prevent dilution and wash off of the BIOGARD treatment. Once the treated wood dries, BIOGARD is insoluble and will resist such leaching.

**STORAGE AND DISPOSAL**

**STORAGE:** Do not store near excessive heat. Do not store at temperatures below 20 F, or above 100 F.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** 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.

**NOTE:** Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed, or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer must assume all responsibility including that of injury or damage resulting from this product's misuse.

