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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

6836-213

Date of Issuance:

APR 19 1994

Term of Issuance:

Conditional

Name of Pesticide Product:

Bardac Wood  
Preservative  
Concentrate 50

## NOTICE OF PESTICIDE:

  X   Registration  
      Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Notes: 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)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.

2. Add the phrase "EPA Registration No. 6836-213" to your label before you release the product for shipment.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

Signature of Approving Official:

*[Signature]* for

Date:

APR 19 1994

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

**Precautionary Statements**  
**Hazardous to Humans and Domestic Animals**

**DANGER**

Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Avoid contamination of food.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wash waters. 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 OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

**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 DISPOSAL**

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

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
APR 19 1994

U.S. Federal Insecticide  
Fungicide and Rodenticide Act  
Registration No. 6836-ERG

**BARDAC WOOD PRESER  
CONCENTRATE 50**

**BEST AVAILABLE**

**Active Ingredients**

Didecyl dimethyl ammonium chloride

**Inert Ingredients**

Contains 7.4 lbs of product per gallon.

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

For eyes and skin flush with plenty of water for at least 15 minutes. (If swallowed, Call a physician immediately. Remove contaminated clothing and wash immediately. If swallowed, immediately give 3-4 glasses of milk; if unavailable, give water. Call a physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may occur. Indicate measures against circulatory shock, respiratory depression, and convulsions.

SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENT.

**EPA Registration No.**

**EPA Establishment No.**

**Net Contents**

Manufactured by:  
LONZA INC., 17-17 Route 208, Fair Lawn, NJ

**BARDAC WOOD PRESERVATIVE CONCENTRATE 50** is a concentrated biocide for use in the formulation of wood preservative products. When used as directed, formulations produced from Bardac Wood Preservative Concentrate 50 will protect treated wood articles from the destructive attack of fungi, mold and mildew. Treatment can be done by pressure, double vacuum and/or dip methods. Wood articles that will be protected by these treatments would include millwork, construction timbers, decking, wood shingles, posts and other articles to be used in above ground applications.

### **DIRECTIONS FOR USE**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

Dilute Bardac Wood Preservative Concentrate 50 in either water or mineral spirits solution to produce a 0.5% to a 3.0% active solution. This formulation is to be used for all application methods.

Alternatively, mix Bardac Wood Preservative Concentrate 50 with water and either ACQ-C2 or ACQ-C. Refer to the product labels for ACQ-C and ACQ-C2 for precise mixing instructions.

### **PRESSURE TREATMENT**

Place the wood article to be treated into the pressure cylinder and seal unit. Treat the wooden articles using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions should be such as to produce a 0.1 to 0.6 lb/cu. foot retention in the treated article. Such treated wood is to be used for above ground uses only.

### **DOUBLE VACUUM**

Stack the wood articles to be treated in the treatment vessel so that the preservative solution will have access to all sides of the articles. Seal the vessel. Reduce the pressure within the vessel to -10 inches for five minutes. Cover all the articles with preservative solution. Allow the pressure to return to atmospheric conditions and discharge the preservative solution. Reduce the pressure to -20 inches and maintain for 20 minutes. Allow pressure to return to atmospheric and remove treated wooden articles. Treatment conditions should be such as to produce a 0.1 to 0.6 lbs./cu. foot retention of DDAC in the treated article. Wood treated to this retention is suitable for above-ground use only.

### **DIP TREATMENT**

The immersion of the articles to be treated in the treatment solution will also produce the desired treated wood. Individual pieces should be dipped for 30 seconds while bundled wooden articles should remain in the treatment solution for 3 minutes. Again, retentions of 0.1 to 0.6 lbs./cu. foot are required for above-ground use only.

Applicators must wear gloves impervious to the wood treatment formulation in all situations where dermal contact is expected (i.e. handling freshly treated wood and manually opening cylinder doors).

Individuals who enter pressure treated cylinders and other related equipment that are contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of the treatment solution) must wear protective clothing including overalls, jacket, gloves, and boots, impervious to the wood treatment formulation. Federal, State and Local confined space entry procedures need to be taken.

Applicators must not eat, drink, or use tobacco products during those parts of the applications process that may expose them to the wood treatment formulation (e.g. manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals, handling freshly treated wood).

Wash thoroughly after skin contact and before eating, drinking, use of tobacco products, or using restroom.

Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and workshoes or boots and equipment at the plant. Wornout protective clothing and workshoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with state and federal regulations.

**BEST AVAILABLE COPY**