

PM 32

6836-213

ACCEPTED

FEB 12 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 6836-213

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

**DANGER**

Corrosive. Causes severe eye and skin damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and impervious gloves. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco. Avoid contamination of food.

Individuals who enter pressure treated cylinders and other related equipment that are contaminated with 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 must be followed.

Applicators must not eat, drink, or use tobacco products during those parts of the application 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).

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

**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.

# **BARDAC WOOD PRESERVATIVE CONCENTRATE 50**

**Active Ingredient**

Didecyl dimethyl ammonium chloride

50.0%

**Inert Ingredients**

50.0%  
100.0%

Contains 7.7 lbs of product per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER****STATEMENT OF PRACTICAL TREATMENT**

**If In Eyes or on Skin:** Flush with plenty of water for at least 15 minutes. (Eyelids must be held open). Call a physician immediately.

**If Swallowed:** Immediately give 3-4 glasses of milk; if unavailable, give water. Do not induce vomiting. Call a physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**EPA Registration No.**

6836-213

**EPA Establishment No.**

6836-IL-1

**Net Contents**

Manufactured by:

LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

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**BARDAC WOOD PRESERVATIVE CONCENTRATE 50** is a concentrated biocide for use as a wood preservative. When used as directed, 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.**

Bardac Wood Preservative 50 can be used alone or in combination with other EPA registered organic and inorganic wood preservatives.

#### 1) Bardac Wood Preservative 50

Dilute Bardac Wood Concentrate 50 in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound (DDAC) solution.

#### 2) Bardac Wood Preservative 50 and Borates

Mix Bardac Wood Preservative Concentrate 50 and TIM-BOR, EPA Reg. No. 1624-39, in water and stir to give a solution of the desired concentration of components.

#### 3) Bardac Wood Preservative 50 and Copper Compounds

Mix Bardac Wood Preservative 50 with water and either ACQ-C2, EPA Reg. No. 10465-36 or ACQ-C, EPA Reg. No. 10465-33. Refer to the product labels for ACQ-C and ACQ-C2 for precise mixing instructions.

#### 4) Bardac Wood Preservative 50 and Propiconazole

Mix Bardac Wood Preservative 80 with either Woodlife P, EPA Reg. No. 1409-65 or Safetray P, EPA Reg. No. 43815-15, and dilute with either water, mineral spirits or other light organic solvent to produce a 0.5-3.0% quaternary ammonium compound (DDAC) solution. Follow the instructions on the Woodlife P or Safetray P label for the appropriate concentration of propiconazole. PLEASE NOTE THAT THIS FORMULATION CAN ONLY BE USED FOR DIP TREATMENT.

### 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./ft<sup>3</sup> retention of DDAC 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. 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./ft<sup>3</sup> foot retention of DDAC in the treated article. Wood treated to this retention is suitable for above-ground use only.

### DIP TREATMENT

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure that the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wooden articles). Use a concentration of 0.5-3.0% active quaternary compound (DDAC); the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood.

BEST AVAILABLE COPY

**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.