

6836-212

10/16/2002

Page 1 of 3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Wendy A. McCombie
Agent for Lonza, Inc.
Lewis & Harrison
122 C Street, NW
Washington, DC 20001

OCT 16 2002

Subject: Bardac Wood Preservative Concentrate 80
EPA Registration No. 6836-212
Application Date: 7/22/02
Receipt Date: 7/23/02

Dear Ms. McCombie:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable:

Minor label change

GENERAL COMMENTS

On the front panel of the label, delete the heading "Statement of Practical Treatment" and replace it with "First Aid Statement".

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

CONCURRENCES

| | | | | | | | |
|---------|----------|--|--|--|--|--|--|
| SYMBOL | 7510C | | | | | | |
| SURNAME | Z. Jones | | | | | | |
| DATE | 10-15-02 | | | | | | |

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIM. 3

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and impervious gloves. Do not breathe dust, vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco.

Individuals who enter pressure treatment 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 must be followed.

Applicators must not eat or 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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

OCT 16 2002

6836-212

**BARDAC WOOD PRESERVATIVE
CONCENTRATE 80**

Active Ingredients:

Didecyl dimethyl ammonium chloride

80.0%

Inert Ingredients:

20.0%

TOTAL:

100.0%

Contains 7.4 lbs. of product per gallon

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

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 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.

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 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 further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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.

6836-212

EPA Establishment No.

6836-IL-1

Net Contents

Manufactured by

LONZA, Inc. 17-17 Route 208, Fair Lawn, NJ 07401

BARDAC WOOD PRESERVATIVE 80 is a concentrated biocide for use as a wood preservative. When used as directed, BARDAC WOOD PRESERVATIVE 80 will protect treated wood articles from the destructive attack of fungi, mold, mildew and both *Reticulitermes* and *Formosan* species of termites. Treatment can be done by pressure, double vacuum and/or dip methods, although dip treatment can not be used for protection against termites. 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 80 can be used alone or in combination with other EPA-registered organic and inorganic wood preservatives.

- 1) **BARDAC WOOD PRESERVATIVE 80:**
Dilute BARDAC WOOD PRESERVATIVE 80 in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound (DDAC) solution.
- 2) **BARDAC WOOD PRESERVATIVE 80 and Borates:**
Mix BARDAC WOOD PRESERVATIVE 80 and BORA-CARE EPA Reg. No. 64405-1, or Cellu-Treat DOT Wood Preservative, EPA Reg. No. 64405-8, in water and stir to give a solution of the desired concentration of components following the use directions of each label.
- 3) **BARDAC WOOD PRESERVATIVE 80 and Copper Compounds:**
Mix BARDAC WOOD PRESERVATIVE 80 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 80 and Propiconazole:**
Mix BARDAC WOOD PRESERVATIVE 80 and Safetray P, EPA Reg. No. 43813-15 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 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 as such as to produce a 0.1 to 0.6 lb./ft³ retention DDAC in the treated article. For protection against termites, wood must be treated to a minimum of 0.38 lb./ft³. Such treated wood is to be used for above ground uses only.

DOUBLE VACUUM:

Stack the wood articles to be treated in the treatment vessels 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 lb./ft³ retention of DDAC in the treated article. For protection against termites, wood must be treated to a minimum of 0.38 lb./ft³. 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. Dip treatment should not be used when protection against termites is desired.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

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 pesticides 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

Plastic Container:

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

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 6836-212