

6836-212

3/29/2007

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MAR 29 2007

Ms. Georgia Anastasiou  
Agent for Lonza, Inc.  
Lewis & Harrison  
122 C Street, NW Ste 740  
Washington, DC 20001

Subject: Bardac Wood Preservative (WP) Concentrate 80  
EPA Registration No. 6836-212  
Amendment Date: February 20, 2007  
EPA Receipt Date: February 27, 2007

Dear Ms. Anastasiou,

The following notification submitted in connection with registration under FIFRA section 3(c)9 and PR Notice 98-10.

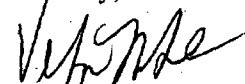
- Correct termite species name
- Add additional product under Copper Compounds

**General Comments**

Based on the submitted materials, the notification is acceptable and apart of the records on file.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble

Product Manager (31)

Regulatory Management Branch I  
Antimicrobials Division (7510C)**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



**EPA**

United States  
Environmental Protection Agency  
Washington, DC 20460

- ☐ Registration  
☐ Amendment  
☒ Other: Notification

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number <b>6836-212</b>	2. EPA Product Manager <b>Velma Noble</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Bardac Wood Preservative 80</b>	PM# <b>31</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Lonza, Inc. 90 Boroline Rd. Allendale, NJ 07401</b> <b><u>PLEASE SEND ALL CORRESPONDENCE TO</u></b> <b><u>"CONTACT POINT" LISTED BELOW</u></b> <input type="checkbox"/> Check if this is a new address		6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

**Section - II**

- |  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain below.                            | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application  |
| <input checked="" type="checkbox"/> Notification - Explain below.              | <input type="checkbox"/> Other - Explain below   |

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**Notification to correct the termite species name to *Formosanus* and to add the product NW 100-C (EPA Reg. No. 3008-87) under the Copper Compounds Directions for Use.**

**Please read cover letter for details**

Notification Accordance With PR Notice 98-10

*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.*

Signature:

Date: **2/20/07**

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)

Name <b>Georgia Anastasiou, Lewis &amp; Harrison, LLC, 122 C Street NW, Ste. 740, Washington, DC 20001</b>	Title <b>Agent for Lonza, Inc.</b>	Telephone No. (include Area Code) <b>202-393-3903 x19</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Agent for Lonza, Inc.</b>	
4. Typed Name <b>Georgia Anastasiou</b>	5. Date <b>February 20, 2007</b>	

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# LEWIS & HARRISON

Consultants in Government Affairs

122 C Street, N.W., Suite 740  
Washington, D.C. 20001

telephone 202.393.3903  
fax 202.393.3906

February 20, 2007

**HAND DELIVERED**

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
One Potomac Yard  
277 S. Crystal Drive  
Arlington, VA 222021

**ATTENTION: Velma Noble  
Product Manager (31)**

**SUBJECT: Lonza Inc.  
Bardac Wood Preservative Concentrate 80 (EPA Reg. No. 6836-212)  
Notification Per PR Notice 98-10**

Dear Ms. Noble:

On behalf of Lonza Inc, we are submitting an application for Pesticide Notification for the product **Bardac Wood Preservative Concentrate 80 (EPA Reg. No. 6836-212)**. The purpose of this notification is to make the following changes to the label:

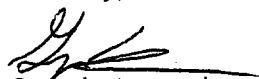
- 1) Correct the termite species from Ciotiternes to **Formosanus**. Please note that the species *Formosanus* was originally listed on the label but on the most recent stamped approved label was incorrectly changed to Ciotiternes.
- 2) Add the product NW 100-C (EPA Reg. No. 3008-87) under the Copper Compounds Directions for use on page 2. This product was inadvertently not included on the most recent stamped label.

Enclosed please find the following documents in support of this submission:

- A) Application for Pesticide Notification;
- B) One (1) copy of the label with changes highlighted; and,
- C) Two (2) copies of the labeling.

If you have any questions, or require any additional information, please feel free to contact me by phone at 202-393-3903 ext. 19, by fax at 202-393-3906, or by email at [georgia@lewisharrison.com](mailto:georgia@lewisharrison.com).

Sincerely,

  
Georgia Anastasiou  
Agent for,  
Lonza, Inc.

cc: Robert Sloan (Lonza, Inc.)

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**BARDAC WOOD PRESERVATIVE  
CONCENTRATE 80**

Active Ingredient:

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**

**FIRST AID**

**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 SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836-212

EPA Establishment No.

6836-IL-1

Net Contents

**NOTIFICATION**

Date Reviewed:

Reviewed By: *j.m.h.*

Manufactured by

Lonza Inc.

90 Boroline Rd.

Allendale, NJ 07401

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BARDAC WOOD PRESERVATIVE CONCENTRATE 80 is a concentrated biocide for use as a wood preservative. When used as directed, BARDAC WOOD PRESERVATIVE CONCENTRATE 80 will protect treated wood articles from the destructive attack of fungi, mold, mildew and both *Reticulitermes* and *Formosanus* 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 CONCENTRATE 80 can be used alone or in combination with other EPA-registered organic and inorganic wood preservatives.

1) **BARDAC WOOD PRESERVATIVE CONCENTRATE 80:**

Dilute BARDAC WOOD PRESERVATIVE CONCENTRATE 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 CONCENTRATE 80 and Borates:**

Mix BARDAC WOOD PRESERVATIVE CONCENTRATE 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 CONCENTRATE 80 and Copper Compounds:**

Mix BARDAC WOOD PRESERVATIVE CONCENTRATE 80 with water and either NW 100-C, EPA Reg. No. 3008-87, ACQ-C2, EPA Reg. No. 10465-36 or ACQ-C, EPA Reg. No. 10465-33. Refer to the product labels for NW 100-C, ACQ-C and ACQ-C2 for precise mixing instructions.

4) **BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and Propiconazole:**

Mix BARDAC WOOD PRESERVATIVE CONCENTRATE 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 such as to produce a 0.1 to 0.6 lbs/ft<sup>3</sup> retention DDAC in the treated article. For protection against termites, wood must be treated to a minimum of 0.38 lbs/ft<sup>3</sup>. 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 lbs/ft<sup>3</sup> retention of DDAC in the treated article. For protection against termites, wood must be treated to a minimum of 0.38 lbs/ft<sup>3</sup>. 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.

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### **ON-SITE (in situ) TREATMENT**

BARDAC WOOD PRESERVATIVE CONCENTRATE 80, in combination with BORA-CARE, EPA Reg. No. 64405-1, can also be used as an on-site preventative and, if needed, remedial treatment for indoor structural wood (framing lumber), particle board, cellulosic panel products (plywood, oriented strand board and sheet rock) sheathing and insulation. BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE will prevent mold growth and control decay and wood destroying insects in new and renovated construction and kill and control molds in existing structures that require remediation.

For use by Mold Remediation Workers, Mold Remediation Contractors, Certified Mold Remediators, Certified Mold Contractors, Certified Mold Remediation Contractors, Applied Microbial Remediation Technicians, Certified Mold Professionals, Certified Restorers, and Mold Remediation Companies and Professional Water Damage Companies.

Follow the mixing and application instructions below for using BARDAC WOOD PRESERVATIVE CONCENTRATE 80 in combination with BORA-CARE. Apply the use-solution to new or renovated construction at the "dried in" stage of construction when all structural wood is in place but prior to the installation of drywall, insulation, mechanical systems and electrical wiring. When treating sheet rock in susceptible areas such as fire walls, apply the use-solution prior to painting.

Use BARDAC WOOD PRESERVATIVE CONCENTRATE 80/BORA-CARE for remedial treatments, as follows: 1) after flooding has occurred or 2) for spaces, particularly crawl spaces, that are prone to mold buildup due to humid conditions. When treating flooded areas, the insulation must be removed prior to treatment and then the use-solution should be applied to bare wood. Read carefully and follow the instructions below prior to any remediation treatment.

Do not treat materials that will be used as food-contact surfaces or are currently used as food-contact surfaces. When used on the interior sides of living spaces, the treated surfaces must be subsequently covered with overlayment materials such as wallpaper, paint or similar coatings.

**BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE must be mixed prior to application. Follow the instructions below for proper mixing.**

### **Mixing Procedure:**

1. Pour 4 gallons of water into a six-gallon pail.
2. Attach mixing impeller to drill and begin agitation
3. Gradually add 0.5 gallons of BORA-CARE and 1 pint of BARDAC WOOD PRESERVATIVE CONCENTRATE 80 into the pail of water and continue to mix solution.
4. Use 1 gallon of water to triple rinse the BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE containers and pour contents into the mixing solution
5. Continue to mix until solution is fully mixed. Normal mixing time may be 5 minutes. Warm water will reduce mixing time.

NOTE: Do not allow mixing impeller to touch sides or bottom of pail. This may create small plastic chips that could clog spraying equipment.

### **Application Instructions:**

Use a 2-4 gallon hand-held stainless steel sprayer or backpack sprayer to apply up to 2-4 gallons of the BARDAC WOOD PRESERVATIVE CONCENTRATE 80 /BORA-CARE use-solution at a time. For larger amounts, a 10-100 gallon spray unit with mechanical pump is recommended. One gallon of the use-solution will treat 400 board feet of wood or 400 square feet of sheathing, insulation or drywall.

Assure uniform coverage of surfaces to be treated. Surfaces must be evenly wet without runoff or pooling. Permit treated surfaces to be thoroughly dry before painting or affixing overlayment materials such as siding, wallboard, or flooring.

The following Personal Protective Equipment must be worn during application of the BARDAC WOOD PRESERVATIVE CONCENTRATE 80 /BORA-CARE solution:

- Protective Eyewear
- Long Pants
- Long-Sleeved Shirt
- Chemical-Resistant Gloves
- Full-face respirator with HEPA filter (required if application is in a confined area).

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## **REMEDIAL TREATMENT**

BARDAC WOOD PRESERVATIVE CONCENTRATE 80 must be used as part of a comprehensive mold remediation or water damage restoration program, including:

- Periodic monitoring and inspection of conditions favorable to mold growth such as moisture ingress and high relative humidity.
- Effecting repairs as necessary to eliminate conditions favorable to mold growth.
- Drying of effected areas to below 20% moisture content.

**For remedial treatment, follow the mixing and application instructions provided above.**

Consult the following associations and Internet sites for information on standards and guidelines for remedial treatment of mold and mildew.

- IAQA-Indoor Air Quality Association ([www.iaqa.org](http://www.iaqa.org))
- EPA-Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))
- DOH-New York City Dept. of Health ([www.ci.nyc.ny.us/html/doh](http://www.ci.nyc.ny.us/html/doh))
- IICRC-Institute of Inspection, Cleaning and Restoration Certification ([www.iirc.org](http://www.iirc.org))

### **Small Areas – Total Surface Area Effected is Less than 10 square Feet**

#### **Cleanup Methods**

Before applying BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected. Use one of the following methods or another preferred professional method.

#### **Wood Surfaces**

Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments remain in the material but will not grow if the material is completely dried).

Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.

Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

Minimum personal protective equipment to be worn during clean-up includes gloves, N-95 respirator and goggles/eye protection.

### **Medium – Total Surface Area Affected Between 10 and 100 Square Feet**

#### **Cleanup Methods**

Before applying BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected. Use one of the following or another preferred professional method.

#### **Wood Surfaces**

Method 1: Wet vacuum (in the case of porous materials some mold spores/fragments remain in the material but will not grow if the material is completely dried or treated).

Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.

Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

#### **Wallboard (drywall and gypsum board)**

Before applying BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected. Clean affected areas using high-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

Limited or full personal protective equipment is recommended during cleanup. Limited personal protective equipment includes gloves, N-95 respirator or half-face respirator with HEPA filter, disposable overalls and goggles/eye protection. Full personal protective equipment includes gloves, disposable full body clothing, head gear, foot coverings, and a full-face respirator with HEPA filter.

Use professional judgment to determine the appropriate level of Personal Protective Equipment (PPE) considering the potential for remediator exposure and size of contaminated area.

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**Large – Total Surface Area Affected Greater Than 100 Square Feet or Potential for Increase Occupant or Remediator Exposure During Remediation Estimated to be Significant**

Before applying BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected. Use one of the following or another preferred professional method.

**Wood Surfaces**

**Method 1:** Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried.

**Method 2:** Damp-wipe surfaces with plain water or with a wood floor cleaner; scrub as needed.

**Method 3:** High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

**Method 4:** Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

**Wallboard (drywall and gypsum board)**

**Method 1:** High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

**Method 2:** Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter are the recommended personal protective equipment.

Select method most appropriate to situation. Since molds gradually destroy the things they grow on, if mold growth is not addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage remediation expert. Please note that that these are guidelines; other cleaning methods may be preferred by some professionals.

Use professional judgment to determine the appropriate level of Personal Protective Equipment (PPE) considering the potential for remediator exposure and size of the contaminated area.

**Containment of Affected Materials**

Total Surface Area Affected Between 10 and 100 Square Feet (all surfaces)  
Use polyethylene sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.

**Total Surface Area Affected Greater than 100 Square Feet or Potential for Increased Occupant or Remediator Exposure During Remediation Estimated to be Significant**

Use two layers of fire-retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

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Special procedures and training are required for remediation of moldy areas larger than 10 square feet. Consult guidelines for remediation of large areas established by the Indoor Air Quality Association ([www.iaqa.org](http://www.iaqa.org)) and the U.S. Environmental Protection Agency ([www.epa.gov](http://www.epa.gov)). An excellent reference is the New York Department of Health publication, "Guidelines on Assessment and Remediation of Fungi in Indoor Environments." An excellent guide for professional mold remediation is available from the Institute of Inspection, Cleaning and Restoration Certification (IICRC). Standard S520 is based upon reliable remediation and restoration techniques, and combines academic principles with practical elements in water damage restoration. When structural members and/or contents have been exposed to water in excess of 24 hours, there is a possibility of extensive microbial growth that may be hidden. In such a case, a complete assessment and remediation plan must be prepared that provides for user and occupant safety and documentation and monitoring of the remediation process. IICRC S520 contains excellent guidance for such a plan. In the context of such a plan, BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE can be used on materials to be removed and disposed of and in other applications where mold inhibition is indicated. The Standard must be followed exactly and all growth and contaminated organic material removed prior to using BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE. Before using BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE in mitigation of large projects, you should be knowledgeable of these guidelines and follow their recommendations.

In the absence of access to the guidance and standards identified, the user should refer to the following information taken from U.S. EPA's guide – *Mold Remediation in Schools and Commercial Buildings* (March, 2001). These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods. Use appropriate remediation steps prior to application of BARDAC WOOD PRESERVATIVE CONCENTRATE 80 and BORA-CARE.

## **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.