

# FOR MOLD CONTROL, MIX ENTIRE CONTENTS OF MOLD-CARE® MOLDICIDE CONCENTRATE AND BORA-CARE® IN 5 GALLONS OF WATER.



#### ACTIVE INGREDIENT:

 Disodium Octaborate Tetrahydrate (CAS No. 12280-03-4)
 40%

 OTHER INGREDIENTS
 60%

 TOTAL
 100%

Net Contents: 1.0 gallon (3.78 liters) EPA Reg. No. 64405-1

Net Weight: 11.5 pounds (5.2 kilos) EPA Est. 64405-TN-1

U.S. PATENT NOS. 5,645,828

©2015 MADE IN THE U.S.A.



For use in and around Residential, Institutional and Commercial Structures including Homes, Apartments, Garages, Museums, Public and Private Institutions, Schools, Hotels, Hospitals, Kennels, Stables, Farm Buildings, Trucks, Trailers, Warehouses and Non-Food Areas of Supermarkets, Restaurants and Food Processing Plants.

# PRECAUTIONARY STATEMENTS

## Hazards to Humans & Domestic Animals

Wear: Long-sleeved shirt & long pants, socks, shoes and chemical-resistant gloves (such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC), Viton or others listed in category C on an EPA chemical-resistance category selection chart).

# **Environmental Hazards**

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to intertidal areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

# DIRECTIONS FOR USE

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

#### Notice

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read **Warranty Disclaimer** and **Limitation of Remedies** statements found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under **Warranty Disclaimer** and **Limitation of Remedies**.

### **Use Restrictions**

Do not use in edible product areas of food processing plants or on countertops and other surfaces where food is prepared. Do not use in serving areas where food is exposed. Do not contaminate feed, water or food. Do not enter or allow others to enter or occupy treated areas until spray has been absorbed into the wood. Treated areas must not be occupied during application.

#### Phytotoxicity

This product may be phytotoxic to plants. When treating around the exterior of structures, cover and protect shrubs and other plants that may be potentially exposed to this product, when applied in accordance with the label directions.

# Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate; butyl, nitrile, neoprene and natural rubbers  $\ge 14$  mils; polyethylene; polyvinyl chloride; and viton  $\ge 14$  mils. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Applicators, mixers and other handlers must wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and protective eyewear. When applying Bora-Care solutions in confined spaces, provide ventilation or an exhaust system or use of a NIOSH-approved dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G) or a NIOSH-approved respirator with any N, R, P or HE prefilter is recommended.

# **User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

# **User Safety Recommendations**

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet;
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing;
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as
  possible, wash thoroughly and change into clean clothing.

## I. Mixing Instructions

Bora-Care is a concentrate that **must** be diluted with clean water before use. The use of warm or hot water is not required, but, if available, can aid dilution process. An impeller-type mixer can be used with an electric drill to shorten mixing time.

For mold control, mix 1 pint of Mold-Care Moldicide Concentrate and 1 gallon of Bora-Care in 5 gallons of water following the procedures below:

- A. Hand Sprayers: Mix in a clean container and stir the solution until completely uniform. Always mix in a separate container then add the solution to a spray tank. Mixing Bora-Care concentrate directly in a spray tank can block hoses and nozzles.
- B. Hand Volume Pumping Systems: Add all of the dilution water to tank, start recirculator and slowly add Bora-Care concentrate. Mix until uniform.

The solution will remain stable for up to 30 days. Do not leave unused solution under pressure or in tank overnight. Clean and/or flush equipment and lines with water after use. Bora-Care can be mixed with Mold-Care Moldicide Concentrate for performance against mold, provided the products' labels contain no prohibition against such mixing, following the more restrictive label's precautions and limitations. Do not exceed label dosage rates.

For tracking purposes (to make it easier to see where Bora-Care solutions have been applied) an appropriate marker dye or pigment may be added as part of the diluent to the Bora-Care solution. Refer to the dye or pigment product label for the recommended amount to add to the Bora-Care solution.

Use soap and water to clean up tools.

#### II. General Information

Bora-Care is not intended for application to soil; it is not a soil termiticide. Do not use to directly treat soil. When active infestations exist, get a professional inspection. Prior to using this product, consult with your state regulatory agency to see if additional qualifications are required to apply this product.

Bora-Care contains an inorganic borate salt, soluble in water, with insecticidal and fungicidal properties effective against wood destroying organisms, including the target pests listed below:

Brown Rot (including dry rot), White Rot, Wood Decay Drywood Termites: Kalotermes, Incisitermes Powderpost Beetles: Lyctinae, Bostrichidae Anobiid Beetles: Anobiidae Old House Borers, Longhorned Beetles: Cerambycidae, Hylotrupes

Treatment is long lasting provided the treated material is not exposed to rain, continuous water or in direct contact with the ground.

Bora-Care solutions may be used on all non-food contact surface cellulosic materials including wood, plywood, particle board, paper, oriented strand board (OSB), cardboard (non-food packaging material), wood composite structural components, concrete, block, brick, metals, PVC plumbing pipes and other non-cellulosic materials found in structures. Apply Bora-Care solutions only to bare wood, plywood, particle board and other cellulosic materials where an intact water-repellent barrier, such as paint, stain or sealer, is not present.

When spraying overhead interior areas of homes, apartment buildings, etc., cover or protect all surfaces below the areas being sprayed with plastic sheeting or other material and dispose if contamination from dripping occurs. Do not apply in food serving areas while food is exposed. Cover all food contact and preparation surfaces prior to treatment. After treatment, thoroughly clean all food contact surfaces with a water/detergent solution followed with a potable water rinse. Remove all pets; turn off fish aquarium pumps and cover.

#### III. Preventative Treatment of Wooden Structures for Drywood Termites, Old House Borers, Powderpost and Other Wood Boring Beetles and Fungi (Rot)

Note: Bora-Care solution is not intended for application to soil.

Bora-Care solution provides only limited and temporary protection of wood in contact with the ground (see Section VII) and is not a substitute for products registered for protection of wood in contact with the ground.

Apply when access to wooden structural components is optimized such as at the "dried-in" stage when sheathing and roofing are in place, yet before installation of insulation, wiring, plumbing and other mechanical components.

Concentrate application in areas susceptible to attack, to include all sills, plates, floor joist, piers, girders and subfloors. Treat structural wood in all plumbing, electrical and ductwork areas where they penetrate walls and/or floors. Treat all structural wood base plates and studs on interior and exterior walls, especially those surrounding any high moisture areas such as bathrooms, kitchens and laundry rooms. For buildings built on concrete slabs, treat all structural wood in contact with the concrete slab, all interior and exterior wall studs and wall sheathing material. In attics, treat all structural wood including ceiling joists, trusses, top plates, rafters and roof decking. Treat all structural wood sill plates and structural wood contacting garages and porches.

In areas where access is limited to 1 or 2 sides of a wood member including exterior wall base plates and any married studs, apply 2 coats of Bora-Care solution to the exposed surfaces. Allow first application to dry by waiting at least 20 minutes between applications.

Treat all exterior wood including siding, facias, soffits, eaves, roofing, porches, decks and railings.

## IV. Preventative Treatment for Drywood Termites and Powderpost Beetles

Apply 1 coat of a 5:1 Bora-Care solution to the point of surface saturation to all structural wood surfaces using a brush, spray or mist. Apply 2 coats of Bora-Care solution to those surfaces where access is limited to 1 or 2 sides of structural wood members. Allow first application to dry by waiting at least 20 minutes between applications.

# V. Treatment of Exterior Wood Surfaces Less Than Two Inches Thick such as Decks, Sheds and Fences

Apply only to bare wood or to wood surfaces where an intact water repellent or finish is not present. Remove paint or finish prior to application. Apply 1 coat of Bora-Care solution to the point of surface saturation to all wood surfaces. Apply 2 coats of Bora-Care solution to heavily infested areas and to those surfaces where access is limited to 1 or 2 sides of wood members. Allow first application to dry by waiting at least 20 minutes between applications. Do not apply in rain or snow. Do not expose treated exterior wood surfaces to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp.

For wood in contact with the ground or soil, see Section VII.

A. Finishing and Maintaining Treated Surfaces: For longer performance, exterior wood surfaces that have been treated with Bora-Care solution will require a topcoating with a water-resistant finish such as paint or exterior stain. Apply the finish or topcoat within 6 weeks of treatment. It is important to allow Bora-Care-treated wood to completely dry (at least 48 hours) before applying any protective topcoat. Coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application.

# VI. Dip Treating Logs and Lumber

Sticker bundled wood to ensure the solution covers all wood surfaces. Submerge logs and/or lumber in the solution for at least 1 minute or until all entrapped air has escaped. Protect treated wood from rain or snow for at least 24 hours after treatment.

## VII. Treatment of Wood in Contact with the Ground

A Bora-Care solution treatment to wood in contact with the ground or soil has a limited lifespan and will require periodic reapplication. Protection may be extended with the use of a 40% disodium octaborate tetrahydrate (or borate) gel product.

### **VIII. Application Rates**

Lumber Size (Inches)	1 Gallon of Diluted Bora-Care® Will Treat Up To	Minimum Amount of Diluted Bora-Care® To Treat 1000 Lineal Feet
1 x 4	1,200 Lineal Feet	0.8 Gal.
1 x 12	400	2.6
2 x 4	600	1.6
2 x 6	400	2.6
2 x 8	308	3.2
2 x 10	240	4.2
2 x 12	200	5.0
4 x 4	300	3.4
4 x 6	200	5.0
4 x 8	150	6.8
4 x 12	100	10.0
6 x 6	133	7.6
6 x 8	100	10.0
6 x 10	80	12.6
6 x 12	68	15.0

## Table A - Dimensional Lumber

# Table B - Panels, Siding and Plywood

Thickness (Inches)	1 Gallon of Diluted Bora-Care® Will Treat Up To	Minimum Amount of Diluted Bora-Care® To Treat 1000 Square Feet
1/4	1,600 sq. ft.	0.6 Gal.
3/8	1,067	1.0
1/2	800	1.2
3/4	533	1.8
1	400	2.6

Note: The numbers listed above are based on an application rate of 1 gallon of Bora-Care solution to 400 board feet of wood.

# Storage and Disposal

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

Pesticide Storage: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Management: Nonrefillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds after the flow begins equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins is drip. Repeat this procedure two more times, then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

# Warranty Disclaimer

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by applicable law, MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

# Inherent Risks of Use

The directions for use of this product are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of use/application, all of which are beyond the control of the Manufacturer. The buyer/user assumes all such risks.

# **Limitation of Remedies**

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.

The terms of this *Warranty Disclaimer* and *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this *Warranty Disclaimer* or *Limitation of Remedies* in any manner.

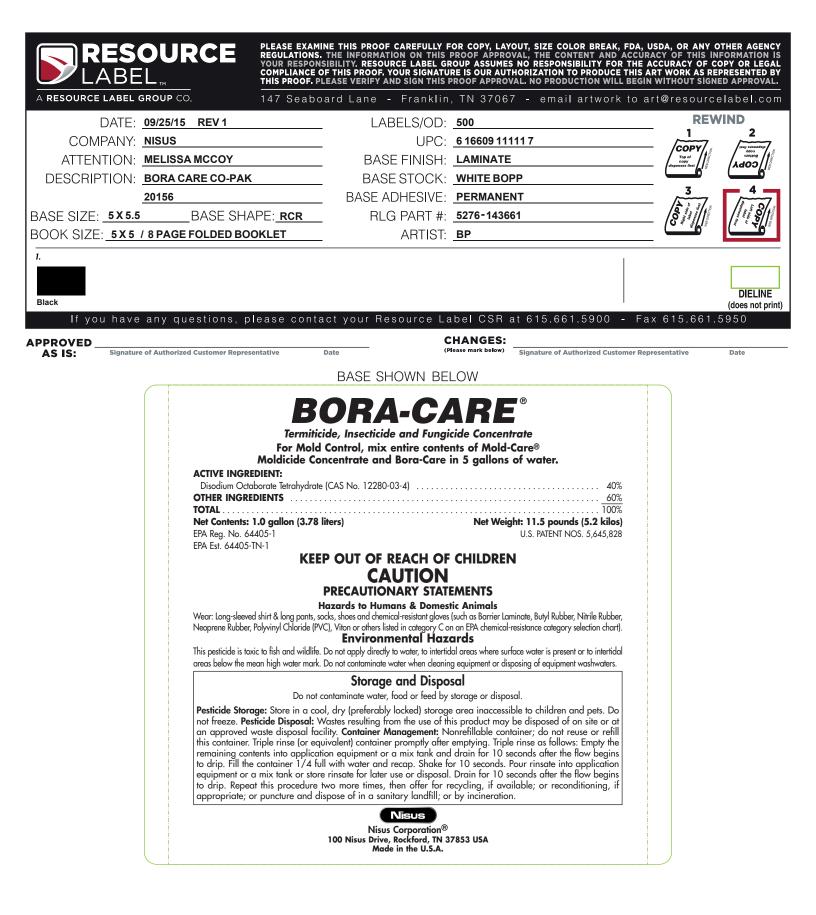
It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.



Nisus Corporation<sup>®</sup> 100 Nisus Drive Rockford, TN 37853 (800) 264-0870

Bora-Care, Mold-Care and Nisus Corporation are registered trademarks of Nisus Corporation. ©2015 Nisus Corporation #BCMC-PL-0715a-SAL071715

Made in the U.S.A.



# 12 PAGE, 6 PANEL BOOK. COVER SHOWN ON BASE BELOW. COVER COLORS: PANTONE 120, PANTONE 185, BLACK INSIDE PAGES BLACK



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.

2 ifc 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.

3

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.

#### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be tatal if svallowed 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 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, Mold-Care® Moldicide Concentrate and Bora-Care® must be mixed prior to application. Follow the instructions below for proper mixing. Mixino Procedure:

1. Pour 4 gallons of water into a six-gallon pail. 2. Attach mixing impeller to drill and begin agitation. 3. Gradually add 1 gallon of Bora-Care® and 1 pint of Mold-Care® Moldicide Concentrate into the pail of water and continue to mix solution. 4. Use 1 gallon of water to triple rinse the Mold-Care®

Moldicide Concentrate 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 Mold Care® Moldicide Concentrate/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 Mold-Care® Moldicide Concentrate/Borc-Care® use-solution: Protective eyewear, long pants, long-sleeved shirt, chemical-resistant gloves and full-face respirator with HEPA filter (required if application is in a confined area).

#### 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. 9

8

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 hor water. Keep and

#### Environmental Hazards

wash protective equipment separate from other laundry.

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.

Mold-Care® Moldicide Concentrate is a concentrated biocide for use as a wood preservative. When used as directed, Mold-Care® Moldicide Concentrate will protect treated wood articles from the destructive attack of fungi, mold and mildew. DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a mamer inconsistent with its labeling. Molid-Care® Molidicate® Molidicate® Concentrate can be used in combination with other EPA-registered organic and in organic wood preservatives. Mix Mold-Care® Molidicide Concentrate and Bora-Care® (EPA Reg. No. 64405-1) in water and stir to give a solution of the desired concentration of components following the use directions on each label. Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or insate 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: Nonrefillable container. Do not

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow

begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

> Nisus Corporation 100 Nisus Drive Rockford, TN 37853 800-264-0870

Bora-Care and Mold-Care are registered trademarks of Nisus Corporation. ©2011 Nisus Corporation MC-PL-0311b-SAL010710 Made in the U.S.A.

MOLD-CARE® Moldicide Concentrate

 Active Ingredient:

 Didecyl dimethyl ammonium chloride
 80.0%

 Inert Ingredients
 20.0%

 Total
 100.0%

KEEP OUT OF REACH OF CHILDREN DANGER SEE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS. EPA Reg. No. 6836-712-64405 EPA Est. No. 64405-TN-1 NET CONTENTS: 1 PINT (16 FL. OZ.) NET WERKT 05 JB. (DOTRIMAN SUB. 60 PRODUCT FER PINT) INT WIERT 05 JB. (DOTRIMAN SUB. 60 PRODUCT FER PINT) 11

12

1

6

5

