

WHEN YOU FACE FUNGUS

# YOU'LL MEAN BUSINESS.

**KILL FUNGUS AND HELP PREVENT IT FROM COMING BACK.**

Wood decay fungi presents a major threat to your customers' health and property. When you find fungus, Bora-Care® with Mold-Care® is your best solution. And Bora-Care with Mold-Care will also provide protection from drywood termites and help prevent general pest infestations.

Nothing beats the proven performance of Bora-Care with Mold-Care, and that means you get the job done right the first time.

Protect families and create a sustainable business using Bora-Care with Mold-Care.

Nisus Corporation specifically advises all parties that mold will eventually grow in conducive conditions. Since Nisus Corporation cannot control such conducive conditions, Nisus Corporation shall not be liable for any liabilities, claims, damages or the like in any way related to or arising in connection with the occurrence or presence of mold. For more information as well as additional warranties and disclaimers, see the product label, the *Mold and Fungi Technical Bulletin* or [www.nisuscorp.com](http://www.nisuscorp.com).



**BORA-CARE® WITH  
MOLD-CARE®**

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UNTREATED

TREATED

## APPLICATION:

Mix 5:1 with water and spray onto wood to kill existing fungus or to help prevent future growth. Apply to wood, OSB, engineered beams, sheetrock, concrete and other building materials.

## TARGET PESTS:



NEW  
CONSTRUCTION



CRAWL  
SPACES



FLOOD  
DAMAGE



WATER  
LEAKS



CREATING A WORLD  
OF SUSTAINABILITY.



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# MOLD-CARE®

## Moldicide Concentrate

### Active Ingredient:

Didecyl dimethyl ammonium chloride .....80.0%

Inert Ingredients ..... 20.0%

TOTAL ..... 100.0%

EPA Reg. No. 6836-212-64405 EPA Est. 64405-TN-1

## KEEP OUT OF REACH OF CHILDREN DANGER

### FIRST AID

If in Eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on Skin or Clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If Swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If Inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li><li>• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</li></ul>

**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 Human and Domestic Animals

**DANGER:** 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 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 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.

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 and both *Reticulitermes* and *Formosan* species of termites. Treatment can be done by pressure, double vacuum and/or dip methods, although dip treatment cannot be used for protection against termites. Wood articles that will be protected by these treatments would include milwork, 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.**

Mold-Care Moldicide Concentrate can be used alone or in combination with other EPA-registered organic and inorganic wood preservatives. Mix Mold-Care Moldicide 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.

### ON-SITE (in situ) TREATMENT

Mold-Care Moldicide Concentrate, in combination with Bora-Care (EPA Reg. No. 64405-1), can also be used as an on-site preven-

tative 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. Mold-Care Moldicide Concentrate 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. 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 wall-paper, paint or similar coatings.

**Mold-Care Moldicide Concentrate 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 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/Bora-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. **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:** 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 1/4 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.



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MADE IN THE U.S.A.

## SAFETY DATA SHEET

# MOLD-CARE®

## Moldicide Concentrate

Health Emergencies: CHEMTREC® (800) 424-9300

### 1. PRODUCT AND COMPANY INFORMATION

**Product Identity:** Mold-Care®

**Recommended use of the chemical and restrictions on use:** Used as part of a co-pack with Bora-Care® for the control and prevention of mold and wood surface fungi.

**Manufacturer:** Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

**Telephone:** Phone: (800) 264-0870  
Fax: (865) 577-5825

**Emergency Phone:** 800-424-9300 (CHEMTREC)

**SDS Date of Preparation:** 6/23/15

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Health	Physical
Acute Toxicity Oral Category 4 Acute Toxicity Dermal Category 4 Skin Corrosion Category 1B Serious Eye Damage Category 1	Flammable Liquids Category 3

**GHS Label Elements:**



**Signal Word:** Danger

**Statements of Hazard**

H226 Flammable liquid and vapor.

H302 + H312 Harmful if swallowed or in contact with skin H314

Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

**Precautionary Statements**

**Prevention:**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/ face protection.

**Response:**

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a poison center or doctor/physician. P363 Wash contaminated clothing before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to an approved waste disposal plant.

**Other hazards:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Quaternary ammonium compounds, di-C8-10alkyldimethyltr chlorides	68424-95-3	80%
Propan-2-ol	67-63-0	10%
Water	7732-18-5	10%

### 4. FIRST AID MEASURES

**If Inhaled:** Move to fresh air. Call a physician immediately. If breathing is irregular or stopped, administer artificial respiration.

**In case of skin contact:** Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Call a physician immediately.

**In case of eye contact:** Immediately flush eye(s) with plenty of water. Call a physician immediately.

**If swallowed:** Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water spray, dry powder, foam.

**Specific hazards arising from the chemical:** Heating or fire can release toxic gas.

**Further information:** Use water spray to cool unopened containers.

**Special protective equipment for fire fighters:** In the event of fire, wear self-contained breathing apparatus

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency**

**Procedures:** Use respirator when performing operations involving potential exposure to vapor of the product.

**General advice:** Do not flush into surface water or sanitary sewer system.

**Methods and Materials for Containment and Cleaning Up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 7. HANDLING AND STORAGE

**Advice on Safe Handling:** Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust in work rooms.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Keep tightly closed. Keep in a dry, cool and well-ventilated place. TO maintain product quality, do not store in heat or direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Components	CAS No.	Value	Control Parameters/ Permissible Concentration	Basis
Propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		REL	400 ppm 980 mg/m <sup>3</sup>	NIOSH/GUIDE
		STEL	500 ppm 1,225 mg/m <sup>3</sup>	NIOSH/GUIDE
		PEL	400 ppm 980 mg/m <sup>3</sup>	OSHA_TRANS
		TWA	400 ppm 980 mg/m <sup>3</sup>	Z1A
		STEL	500 ppm 1,225 mg/m <sup>3</sup>	Z1A
		TWA	200 ppm	CAD ON OEL
		STEL	400 ppm	CAD ON OEL

**Appropriate Engineering Controls:** In the case of vapor formation use a respirator with an approved filter.

**Hand Protection Material:** Wear suitable gloves.

**Eye Protection:** Wear tightly fitting goggles, face shield.

**Skin and Body Protection:** Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear rubber or plastic apron and rubber or plastic boots.

**Hygiene Measures:** Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Color:** Colorless liquid.

**Odor:** No information available

**Odor Threshold:** No data available

**pH: 6, Concentration:** 100g/l

**Crystallization Point:** No data available

**Boiling Point/Boiling Range:** No data available

**Flashpoint:** 110.19°F (43.44°C)

**Evaporation Rate:** No data available

**Upper Explosion Limit:** No data available

**Lower Explosion Limit:** No data available

**Vapor Pressure:** No data available

**Relative Vapor Pressure:** No data available

**Relative Density:** No data available

**Density:** No data available

**Solubility:** Soluble in water

**Partition coefficient: n-octanol/water:** No data available

**Auto-Ignition Temperature:** No data available

**Viscosity, Dynamic:** No data available

**Viscosity, Kinematic:** No data available

## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended storage conditions.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Stable under normal conditions.

**Conditions to Avoid:** No data available

**Incompatible Materials:** Avoid strong oxidizing agents and reducing agents.

**Hazardous Decomposition Products:** Hydrogen chloride gas, nitrogen oxides (NO<sub>x</sub>), carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

Information given is based on data on the components and the toxicology of similar products. No data is available on the product itself.

**Information on likely routes of exposure:** Inhalation, ingestion, eyes and skin.

**Acute oral toxicity (LD<sub>50</sub>):** 284 mg/kg, Species: Rat Method: FIFRA

**Acute oral toxicity (LD<sub>50</sub>):** 455 mg/kg Species: Rat

**Acute dermal toxicity (LD<sub>50</sub>):** 397 mg/kg, Species: Rabbit, Exposure time: 24 h, GLP: yes

**Acute dermal toxicity (LD<sub>50</sub>):** 397 mg/kg, Species: Rabbit

**Skin Irritation:** Corrosive, Species: Rabbit, Exposure time: 4 h, Method: DOT

**Eye Irritation:** Corrosive, Species: Rabbit, Assessment: Risk of serious damage to eyes. Method: FIFRA, GLP: yes

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Toxicity to fish (LC<sub>50</sub>):** 0.32 mg/l, Species: *Lepomis macrochirus* (Bluegill sunfish), Exposure time: 96 h

**Toxicity to fish (LC<sub>50</sub>):** 1.0 mg/l, Species: *Salmo salar* (Atlantic salmon), Exposure time: 96 h

**Toxicity to daphnia and other aquatic invertebrates (LC<sub>50</sub>):** 0.069 mg/l, Species: *Crangon crangon* (shrimp), Exposure time: 96 h

**Toxicity to daphnia and other aquatic invertebrates (EC<sub>50</sub>):** 0.94 mg/l, Species: *Daphnia magna* (Water flea) Exposure time: 48 h

**Persistence and Degradability:** No data available

### Bioaccumulative Potential

### Components:

**Propan-2-ol:** Partition coefficient: n-octanol/water

**Mobility in Soil:** No data available

## 13. DISPOSAL CONSIDERATION

**Waste from Residues:** Dispose of in accordance with local regulations. Can be landfilled or incinerated when in compliance with local regulations.

**Contaminated Packaging:** 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.

## 14. TRANSPORTATION INFORMATION

**DOT Hazardous Materials Description:** Not Regulated (unless package contains a reportable quantity). Small sizes/quantities may be Limited Quantity or ORM-D. For bulk shipping, contact manufacturer.

**Proper Shipping Name:** Disinfectants, liquid, corrosive n.o.s. (Dialkyldimethylammonium chloride)

**UN Number:** UN1903

**Hazard Class/Packing Group:** 8, II

**Labels Required:** Class 8

**Emergency Response Guidebook Number:** 153

**Environmental Hazards:** No

## 15. REGULATORY INFORMATION

### FIFRA Labeling:

**Mold-Care**

**EPA Reg. No. 6836-212-64405**

**Keep Out of Reach of Children**

**DANGER**

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans & Domestic Animals

DANGER. 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.

**WHMIS Classification:** E-Corrosive Material B2: Flammable Liquid

**EPCRA - Emergency Planning and Community Right-To-Know**

**CERCLA Reportable Quantity:** 1000 lbs.

**SARA 311/312 Hazards:** Acute Health Hazard

**SARA 302:** No chemicals in the material are subject to the reporting requirements of SARA Title III, Section 302.



**US State Regulations:**  
**Massachusetts, Pennsylvania & New Jersey Right-to-Know**

State	Component	CAS No.	Component RQ
Massachusetts	Propan-2-ol	67-63-0	10-20%
Pennsylvania	Propan-2-ol	67-63-0	10-20%
	Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	70-90%
	Water	7732-18-5	10-20%
New Jersey	Propan-2-ol	67-63-0	10-20%
	Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	70-90%
	Water	7732-18-5	10-20%

**The components of this product are reported in the following inventories:**

All components of this product are currently listed on the EPA TSCA 8(b) inventory list or are incidental byproducts.

This product can only be used commercially in the EPA registered application(s) noted on the product label.

**California, Prop 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS Rating:**

Health = 3      Flammability = 2      Reactivity = 0

**SDS Revision History:** 05/20/15: New SDS  
06/23/15: Revised

**WARRANTY DISCLAIMER**

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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2. Replacement of amount of product used.

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# BORA-CARE®

Termiticide, Insecticide and Fungicide Concentrate

**For the Prevention and Control of:  
Listed Wood Destroying Beetles, Fungi (Rot) & Drywood Termites**

For use in and around Residential, Industrial 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.

**Active Ingredient:**

**EPA Reg. No. 64405-1**

**EPA Est. 64405-TN-1**

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

**Other Ingredients**..... 60%

Total..... 100%

**U.S. Patent Nos. 5,645,828; 7,597,902**

**Keep Out of Reach of Children  
CAUTION**

## 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 shrubbery and 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  $\geq 14$  mils; polyethylene; polyvinyl chloride; and viton  $\geq 14$  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, if available, and an impeller-type mixer that can be used with an electric drill aids the dilution process.

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 may 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 solution 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: *Kaloterms*, *Incisitermes*

Powderpost Beetles: *Lyctinae*, *Bostrichidae*

Anobiid Beetles: *Anobiidae*

Old House Borers, Longhorned Beetles: *Cerambycidae*, *Hylotrupes*

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.

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

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

Bora-Care solution provides only limited and temporary protection of wood in contact with the ground (see specific instructions) 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 joists, 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 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 solution to the point of surface saturation to all structural wood surfaces using a brush, spray or mist. Apply 2 coats of 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 solution to the point of surface saturation to all wood surfaces. Apply 2 coats of 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 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 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

Table A – Dimensional Lumber

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 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 one gallon of Bora-Care solution to 400 board feet of wood.

### Storage and Disposal

*(For product packaged in rigid, nonrefillable containers less than or equal to 5 gallons)*

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. 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, then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

## IX. 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.



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(800) 264-0870

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## SAFETY DATA SHEET

**BORA-CARE®**

TERMITICIDE, INSECTICIDE AND FUNGICIDE

Health Emergencies: INFOTRAC® (800) 535-5053

**1. PRODUCT AND COMPANY INFORMATION****Product Identity:** Bora-Care®

**Recommended use of the chemical and restrictions on use:**  
Termiticide, Insecticide, and Fungicide Concentrate. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

**Manufacturer:** Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

**Telephone:** Phone: (800) 264-0870  
Fax: (865) 577-5825

**Emergency Phone:** 800-535-5053 (INFOTRAC)

**SDS Date of Preparation:** 01/12/16

**2. HAZARDS IDENTIFICATION****GHS Classification:**

Physical	Health	Environment
Not Hazardous	Acute Toxicity Oral Category 4 Specific Target Organ Toxicity – Repeat Exposure Category 2 Reproductive Toxicity Category 2	Aquatic Acute Toxicity Category 3

**GHS Label Elements:****Statements of Hazard**

H302 Harmful if swallowed.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to kidneys by prolonged or repeated exposure by ingestion.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P260 Do not breathe mist or vapors.

P264 Wash thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product.

P273 Avoid release to the environment.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents and container in accordance with local and national regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
Ethylene Glycol	107-21-1	40-60%
Disodium Octaborate Tetrahydrate	12280-03-4	40%
Non-Hazardous Ingredient	Proprietary	0-20%

The exact formulation is being withheld as a trade secret.

**4. FIRST AID MEASURES**

**Eye:** Flush victim's eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation develops or persists.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.

**Ingestion:** Do not induce vomiting unless directed to do so by a medical professional. Get immediate medical attention for large ingestions or if symptoms develop or if you feel unwell.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Most important Symptoms:** May cause eye and skin irritation. Inhalation of mists may cause mild mucous membrane and respiratory irritation. Harmful if swallowed. Repeated ingestion may cause kidney damage.

**Indication of immediate medical attention/special treatment:**  
Immediate medical attention is required for large ingestions.

**5. FIRE FIGHTING MEASURES**

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

**Specific hazards arising from the chemical:** A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may product carbon monoxide, carbon dioxide, and ethylene oxide.

**Special Protective Equipment and Precautions for Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing as described in Section 8. Avoid releases to the environment.

**Methods and Materials for Containment and Cleaning Up:** Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid contact with the eyes, skin and clothing. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Keep containers closed when not in use.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:**  
Store in a cool, dry, well-ventilated area away from incompatible materials. Keep out of reach of children. Do not freeze. Protect from physical damage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines:**

Ethylene Glycol	100 mg/m <sup>3</sup> Ceiling ACGIH TLV
Disodium Octaborate Tetrahydrate	2 mg/m <sup>3</sup> TWA ACGIH TLV (Inhalable) 6 mg/m <sup>3</sup> STEL ACGIH TLV (Inhalable)

**Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges with approved pesticide prefilter or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

**Skin Protection:** Wear impervious gloves such as butyl rubber, nitrile, neoprene, polyethylene, polyvinyl chloride, or Viton. Follow instructions for Category C on an EPA resistance category selection chart for more options.

**Eye Protection:** Wear safety goggles or glasses where splashing is possible.

**Other:** Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Clear viscous gel with no odor.

**Physical State:** Viscous gel      **Odor Threshold:** Not established

**Vapor Density:** Not determined

**Initial Boiling Point/Range:** >212°F (>100°C)

**Solubility In Water:** Soluble      **Vapor Pressure:** Negligible

**Relative Density:** 1.38      **Evaporation Rate:** Not determined

**Melting/Freezing Point:** Not determined

**pH:** 6.9-7.1 (50% solution in water)

**Percent Volatile:** 36% by weight as water

**Octanol/Water Coefficient:** Not determined

**Solubility:** Soluble in water

**Decomposition Temperature:** Not determined

**Viscosity:** 8000-11,000 centipoise at room temperature

**Flammability (solid, gas):** N/A

**Flashpoint:** >220°F (104°C) TOC      **Autoignition Temperature:** None

**Flammable Limits: LEL:** Not determined      **UEL:** Not determined

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Avoid strong oxidizing agents and aluminum.

**Hazardous Decomposition Products:** When heated to decomposition emits carbon monoxide, carbon dioxide, and ethylene oxide.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** Harmful if swallowed. Repeated or high levels of ingestion may cause potentially fatal kidney damage.

**Inhalation:** Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.

**Eye:** May cause slight irritation with redness, pain and tearing. Product was not irritating in a study with rabbits.

**Skin:** May cause irritation on prolonged or repeated contact. Product was not irritating in a study with rabbits. Negative in a guinea pig sensitization study.

**Chronic:** Ethylene glycol causes kidney damage through repeated ingestion.

**Sensitization:** This material is not known to cause sensitization.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Germ Cell Mutagenicity:** No data available

**Reproductive Toxicity:** Ethylene glycol has been found to cause birth defects in laboratory animals. The significance of this finding to humans has not been determined.

### Numerical Measures of Toxicity:

#### Product Toxicity Data:

Oral rat LD<sub>50</sub>: >5000 mg/kg; Dermal rabbit LC<sub>50</sub>: >5050 mg/kg;

Inhalation rat LC<sub>50</sub>: >5.06 mg/L (no mortality was observed in any test)

#### Component Toxicity Data:

Ethylene Glycol: Oral rat LD<sub>50</sub>: 4700 mg/kg; Dermal rabbit LC<sub>50</sub>: 9530 mg/kg

Disodium Octaborate Tetrahydrate: Oral rat LD<sub>50</sub>: 3500-4100 mg/kg;

Dermal rabbit LD<sub>50</sub>: >2000 mg/kg; Inhalation rat LC<sub>50</sub>: >2.0 mg/L

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Ethylene Glycol: LC<sub>50</sub> Fathead Minnow: <10,000 mg/L/96 hr.; EC<sub>50</sub> *Daphnia Magna*: 100,000 mg/L/48 hr; Bacterial (*Pseudomonas putida*): 10,000 mg/l; Protozoa (*Entosiphon sulcatum* and *Uronema parduczi*; Chatton-Lwoff): >10,000 mg/l; Algae (*Microcystis aeruginosa*): 2,000 mg/l; Green Algae (*Scenedesmus quadricauda*): >10,000 mg/l  
Disodium Octaborate Tetrahydrate: EC<sub>10</sub> Green Algae: 24 mg B/L/96 hr; LC<sub>50</sub> *Daphnia Magna*: 133 mg B/L/48 hr; NOEC-LOEC *Daphnia Magna*: 6-13 mg B/L/21-day; LC<sub>50</sub> *Limanda limanda*: 74 mg B/L/96 hr; LC<sub>50</sub> Rainbow Trout: 150 mg B/L/24-day, 100 mg B/L/32-day; LC<sub>50</sub> Goldfish: 46 mg B/L/7-day, 178 mg B/L/3-day

This product is classified as harmful to the aquatic environment. Releases to the environment should be avoided.

**Persistence and Degradability:** Ethylene glycol is readily biodegradable (97-100% in 2-12 days). Boron is naturally occurring and ubiquitous in the environment. Disodium Octaborate Tetrahydrate degrades to boron.

**Bioaccumulative Potential:** Ethylene glycol: A BF of 10 reported for ethylene glycol in fish, Golden ide (*Leuciscus idus melanotus*), after 3 days of exposure suggests the potential for bio concentration in aquatic organisms is low. Disodium Octaborate Tetrahydrate: Log K<sub>ow</sub>: -0.7570 at 25°C.

**Mobility in Soil:** Disodium Octaborate Tetrahydrate is soluble in water and is leachable through normal soil.

**Other Adverse Effects:** Some plants are sensitive to boron. Avoid releases into the environment. This product is designed to be used for certain types of wood destroying insects. Use product only as directed on the label. Avoid all unintended releases and releases to ground water. Do not apply to water or 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. See product label for full instructions and restrictions on use.

## 13. DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. Do not contaminate water when disposing of washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean, or other water 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.

## 14. TRANSPORTATION INFORMATION

**DOT Hazardous Materials Description:** Not Regulated (unless package contains a reportable quantity)

Note: If a shipment of a reportable quantity (10,000 lbs/870 gal) in a single package is involved, the following information applies:

Proper Shipping Name: RQ, Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol)

UN Number: UN3082

Hazard Class/Packing Group: 9, III

Labels Required: Class 9

## 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

### FIFRA Labeling:

Bora-Care

EPA Reg. No. 64405-1

Keep Out of Reach of Children

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

### PRECAUTIONARY STATEMENTS

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).

**CERCLA:** This product has a reportable quantity (RQ) of 10,000 lbs based on the RQ for ethylene glycol of 5,000 lbs present at 40-50%. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA Hazard Category (311/312):** Acute Health, Chronic Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

Ethylene Glycol	107-21-1	40-50%
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**EPA TSCA Inventory:** This product is regulated under FIFRA, thus exempt.

### 16. OTHER INFORMATION

#### NFPA Rating:

Health = 2	Flammability = 1	Instability = 0
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#### HMIS Rating:

Health = 2	Flammability = 1	Physical Hazard = 0
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**SDS Revision History:** 11/01/03: New SDS  
01/12/16: Revised

### WARRANTY DISCLAIMER

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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2. Replacement of amount of product used.

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## NOTES



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