

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** BOR8RODS  
**DESCRIPTION:** A solid wood preservative.  
**EPA Reg. No.:** 70114-1

### COMPANY IDENTIFICATION:

Wood Care Systems  
707 Kirkland Ave.  
Kirkland, WA 98033  
(425) 827-6000

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Chemical Name</u>	<u>Formula</u>	<u>CAS #</u>	<u>Composition</u>
Anhydrous Disodium Octaborate	Same	NA <sub>2</sub> B <sub>8</sub> O <sub>13</sub>	12008-41-2	96.7%

## 3. HAZARD IDENTIFICATION

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation.

**ENVIRONMENTAL HAZARDS:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

## 4. 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 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 a doctor.

**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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-827-3480 for emergency medical treatment information.

## 5. FIRE-FIGHTING MEASURES

**Flash point:** Not flammable, will not flash

**Fire and Explosion Hazards:** May release toxic gasses through thermal decomposition.

**Means of Extinction:** Use appropriate extinguishing material for surrounding fires.

**Fire Fighting Instructions:** A foam or dry chemical fire extinguishing system is preferred to prevent environmental damage from excessive water run off. If water is used, avoid heavy hose streams. If possible, dike and collect water used to fight fire to prevent/minimize run off.

**Firefighting Equipment:** Self-contained breathing apparatus with full face piece.

**Hazardous Combustion Products:** Gaseous boron compounds.

**NFPA Ratings:** Health-0 / Flammability-0 / Reactivity-0

## 6. ACCIDENTAL RELEASE MEASURES

No special release measures are required for this product. Handle according to instructions in Sections 7 and 8.

## 7. HANDLING AND STORAGE

**Keep out of reach of children and animals.** Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. Wash thoroughly after handling this product.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.

No special clothing / personal protection measures are required when handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, hard glass-like rods

Odor: None

pH: N/A

Specific Gravity: 2.2 (water = 1)

Solubility in Water: Soluble

## 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid extremely high temperatures.

CHEMICAL STABILITY: Product is normally stable. However, product may decompose if heated.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat and fire may result in thermal decomposition and the release of gaseous boron compounds.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

POLYMERIZATION: Will not occur.

## 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY

Oral LD<sub>50</sub> (rat): > 2,000 mg/kg

EYE IRRITANT: Moderate

SKIN IRRITATION: Mild

SENSITIZATION: Non-Sensitizer

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY:

ACGIH: Not listed

IARC: Not listed

NTP: Not listed

OSHA: Not listed

MUTAGENIC DATA: No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

ADDITIONAL DATA: None.

## 12. ECOLOGICAL INFORMATION

Do not apply directly to water, to 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.

### **13. DISPOSAL CONSIDERATIONS**

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### **14. TRANSPORT INFORMATION**

DOT PROPER SHIPPING NAME: Not regulated by DOT.

MARINE POLLUTANT: No

DOT EMERGENCY RESPONSE GUIDE: N/A

### **15. REGULATORY INFORMATION**

FIFRA –

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

OSHA HAZARD COMMUNICATION STANDARD STATUS: Not Regulated

SARA Title III – Section 302 Extremely Hazardous Substances  
Not listed

SARA Title III – Section 311/312 Hazard Categories  
Immediate

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients  
None

CERCLA –  
None

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

### **16. OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

#### **DISCLAIMER:**

Wood Care Systems warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Wood Care Systems MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by buyer or user are beyond the control of Wood Care Systems. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL Wood Care Systems BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Effective Date: February 25, 2009