

2019-3875  
2019-08-09

## **BOROGARD ZB Biocide, Corrosion Inhibitor and Fire Retardant**

Soluble Powder

COMMERCIAL

For use only as a biocide (fungicide/preservative) additive in the manufacturing of wood composites, plastics and rubber products.

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

Zinc Borate ( $2\text{ZnO} \cdot 3\text{B}_2\text{O}_3 \cdot 3.5\text{H}_2\text{O}$ ) ..... 100.00%

REGISTRATION NO.23283 PEST CONTROL PRODUCTS ACT

22.7 kg (50 lbs)

U.S. Borax Inc.  
200 E. Randolph St., Suite 7100  
Chicago, IL, USA 60601  
1-773-270-6500  
Americas Emergency Numbers  
U.S. toll-free (24 Hr)  
(1) 866 928 0789  
Non toll-free (24 Hr)  
(1) 215 207 0061

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**DIRECTIONS FOR USE:**

For plastic and rubber applications, a loading of 3-30 phr (parts per hundred) of BOROARD ZB Biocide, Corrosion Inhibitor and Fire Retardant is recommended.

**For export market:** For use in the manufacturing of wood composites for export markets only, Borogard ZB Biocide, Corrosion Inhibitor and Fire Retardant should be fed as a powder at the minimum rate of 1.0 kg per 100 kg to a maximum of 3.0 kg per 100 kg of wood, adhesive and wax combined. Borogard ZB Biocide, Corrosion Inhibitor and Fire Retardant may be used to improve fungal, insect and termite protection of composite board products used in above ground service applications where exposure to rain and other sources of water is limited. Industrial users of the product must be equipped to handle the powdered product using closed system application equipment i.e. screw feeder apparatus. (Bulk containers (1134 kg) must be used).

Treated wood must be sealed or used in locations where post-application exposure will not occur.

**Mixing/Loading/Applying:**

Do not handle more than 113 kg (5 x 22.7 kg bags) in one day. Wear long pants, long-sleeved shirt, chemical resistant coveralls, chemical resistant gloves and a NIOSH approved N95 (minimum) filtering face piece respirator (dust mask) that is properly fit tested when mixing/loading/applying boron as a dust/powder.

Visible dust/powder must be removed or wiped away after application to voids.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Product Act* to use this product in a way that is inconsistent with the directions on the label.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not contaminate food, feed or any other body of water. No manual pouring of product is allowed when treating wood composites at rates equal to or higher than 1% zinc borate.

During mixing, loading, clean-up and repair, workers must wear chemical-resistant coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves and a NIOSH-approved N95 (minimum) filtering face piece respirator (dust mask) that is properly fit tested. When handling treated composite board, workers must wear chemical-resistant gloves.

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**FIRST AID:** In case of emergency call the U. S. Borax Inc. 24 hour medical emergency number (1) 866-786-3439. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

***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 centre or doctor for treatment advice.

***If swallowed:*** Call a poison control centre or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

***If on skin or clothing:*** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

***If inhaled:*** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible. Call a poison control centre or doctor for further treatment.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**STORAGE:**

Store in a cool, dry place away from food or feedstuff, or where children or animals may have access.

**DISPOSAL:**

1. Triple or pressure-rinse the emptied container. Add the rinsings to the treatment site.
2. Follow Provincial instructions for any required additional cleaning of the container prior to disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with Provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.