

89807-1

01/15/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

EPA Reg. Number: 89807-1

Date of Issuance: JAN 15 2013

Term of Issuance:

Unconditional

Name of Pesticide Product:

Zinc Borate Biocide

Name and Address of Registrant (include ZIP Code):

Louisiana-Pacific Corporation
414 Union Street, Suite 2000
Nashville, TN 37219

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No. D-466878) is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Revise the label as follows:

Signature of Approving Official:

Jacqueline Campbell-McFarlane
Product Manager Team-34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

JAN 15 2013

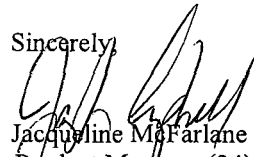
- a. Change "EPA Reg. No. 89807-\_\_" to read "EPA Reg. No. 89807-1."
- b. Correct the CAS Number to read "12477-61-9."
- c. Correct the Container Handling instructions on page 4 to read:

"Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before the final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, triple rinse the container promptly after emptying the bag into manufacturing equipment. Then return to manufacturer for refilling or disposal."

- 3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped label with conditions is enclosed for your records. Submit final printed label before distributing or selling product bearing revised labels.

If you have questions concerning this matter, please contact me at (703) 308-6416 or by e-mail at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Jaclyn Carl by telephone at (703) 347-0213 or by e-mail at [carl.jaclyn@epa.gov](mailto:carl.jaclyn@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



Jacqueline McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure:      Stamped Label  
                    Toxicology and Chemistry reviews  
                    Memorandums for Responses to Waiver Requests

[Front panel]

# Zinc Borate

Biocide

For Manufacturing Use Only

INGREDIENTS	
ACTIVE INGREDIENT:	
Zinc Borate (2ZnO·3B <sub>2</sub> O <sub>3</sub> ·3.5H <sub>2</sub> O)*	99.8%
OTHER INGREDIENTS	0.2%
TOTAL	100.0%

\* CAS Number 138265-88-0. Concentration is reported on a dry weight basis.

## KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional precautionary statements.

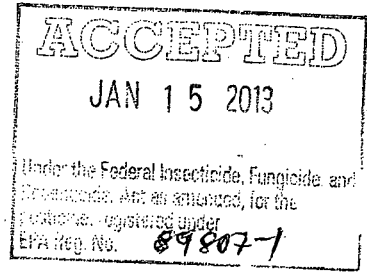
[Alternate statements: See below for additional precautionary statements.  
See booklet for additional precautionary statements.  
See shipping documents for a complete label.]

Louisiana-Pacific Corporation  
EPA Reg. No. 89807-\_\_  
EPA Est. No. \_\_\_\_\_

Net Weight:  
2250 Pounds

Batch No.:

Batch Date:



[Back panel]

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

**CAUTION.** Causes moderate eye irritation. 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.

<b>FIRST AID</b>	
<b>If in Eyes:</b>	Hold the 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.
<b>If Swallowed:</b>	Call a Poison Control Center or doctor 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.
<b>If on Skin or Clothing:</b>	Take off contaminated clothing. Rinse the skin immediately with plenty of water for 15 minutes.
<b>If Inhaled:</b>	Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
<b>In Case of Emergency:</b> Contact a Poison Control Center (1-800-222-1222) or a doctor. Have product label with you when calling or going for treatment.	

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product to lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution 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.

**GENERAL INFORMATION**

Zinc Borate Biocide can be used as an additive in the manufacturing of wood-based composites to control the growth of white rot (e.g., *Trametes versicolor*) and brown rot (e.g., *Gloeophyllum trabeum*) decay fungi. Zinc Borate Biocide also helps protect composite materials from damage caused by wood destroying insects. Optimum performance is obtained when Zinc Borate Biocide is uniformly dispersed in wood-based composites. By adding Zinc Borate Biocide prior to or during the blending process, it is possible to achieve a thorough and uniform distribution of the chemical throughout the composite material.

### DIRECTIONS FOR USE

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

Zinc Borate Biocide provides protection of wood-based composites from wood destroying bacteria, fungi, and insects. Zinc Borate Biocide may be used in the production of wood-based composites used in the production of:

- Exterior panel siding;
- Exterior lap siding;
- Exterior architectural trim;
- Fascia; and
- Soffits

that have been pre-primed with an exterior acrylic base primer and that are for above ground applications only. Do not use Zinc Borate Biocide for exterior applications other than the listed applications. Do not use Zinc Borate Biocide for below ground applications, or aquatic environment applications. Do not use Zinc Borate Biocide for the production of permitted applications unless the treated product, when released for shipment, has been pre-primed with an acrylic base primer.

The ability of a wood-based composite to resist wood destroying bacteria, fungi, and insects is dependent on the wood species, resin type, resin and wax content, method of production, exposure hazard and the presence of wood preservatives. This product does not provide protection against wood destroying bees.

In independent tests performed in Hawaii on aspen flake wood-composites, Zinc Borate Biocide at a loading of 0.99% (w/w), provided protection against wood destroying bacteria, fungi, and insects. This loading is intended to serve only as a guideline, and the wood-based composite manufacturer must determine the Zinc Borate Biocide loadings for their treated product, end-use application, and claims. Zinc Borate Biocide loadings must not exceed 8% (w/w). For wood-based composite loadings in excess of 1.5% (w/w), it may be necessary to use additional adhesive binder to compensate for possible effects on strength.

Manufacturers that use this product are responsible for supporting all claims for their products. This product may be used to produce products that are exempt from EPA registration under the treated article exemption. Manufacturers that use this product to make products marketed with pesticidal claims are responsible for fulfilling all EPA regulatory requirements for their products.

This product may NOT be repackaged without the written authorization of the manufacturer.

<b>STORAGE AND DISPOSAL</b>	
Do not contaminate water, food or feed by storage or disposal.	
<b>Pesticide Storage:</b>	Store in a dry place. Do not store where children or animals may gain access.
<b>Pesticide Disposal:</b>	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
<b>Container Handling:</b>	Refillable container. Completely empty bag into manufacturing equipment. Then return to manufacturer for refilling or disposal.

**WARRANTY**

Neither manufacturer or seller shall be liable for injuries or damages resulting from use and handling of this product contrary to the label. Buyer accepts this material subject to these term and assumes full risk of use and handling except when used or handled in accordance with the label.

Label Version No. \_\_\_\_\_