

1448-437

8/8/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Glenda Akins  
Regulatory Affairs Manager  
Buckman North America

AUG 08 2014

SUBJECT: Busan 1020W  
EPA Registration Number: 1448-437  
Application Dated: Aug 8, 2014  
Receipt Date: Aug 1, 2014

Dear Ms. Akins:

This letter acknowledges receipt of the amendment identified above submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended.

- Amend the label to include:

- o A Note to Physician beneath the First Aid section: "Probable mucosal damage may contraindicate the use of gastric lavage."
- o Add the statement: "Avoid breathing spray mist or vapors." To the Precautionary Statements.

Based on a review of the following Confidential Statements of Formula (CSF) are acceptable. These formulations will be made part of the record for this file. All other CSF's are obsolete. Please submit one copy of your final printed labeling before you release the product for shipment. Should you have any questions concerning this letter, please contact me at (703) 347-8028.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Miederhoff".

Eric Miederhoff  
Acting Product Manager, Team 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

# BUSAN 1020W

BUSAN is a registered trademark.

ACCEPTED

08/08/2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 1448-437

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33.0%  
67.0%  
100.0%

ACTIVE INGREDIENT(S)  
Sodium N-methyldithiocarbamate.....  
OTHER INGREDIENTS.....  
TOTAL.....

This product contains 3.2 lb. of active ingredient per gallon and weighs 9.6 lb/gal.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

### FIRST AID

If on Skin, Clothes	<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 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 further treatment advice.</li> </ul>
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 further treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-767-2722 for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing spray mist or vapors. Wear coveralls over long sleeved shirt and long pants, socks, chemical-resistant shoes, goggles or face shield and chemical-resistant gloves (such as or made out of any waterproof material Section Category A) when handling or applying the product. These applicators may work under the direction of a Certified Pesticide Applicator.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. This pesticide is expected to be toxic when in contact with terrestrial or aquatic plants. Do not contaminate water when disposing of equipment washwaters or rinsate. 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 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 the sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or EPA Regional Office.

**CHEMICAL HAZARDS:** This product is incompatible with oxidizing agents.

# BUSAN 1020W

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## Directions for Use

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for protection regulation.

**WOOD TREATMENT:** BUSAN 1020W is a liquid used to control internal decay in poles, pilings, and similar large timber members. Timber known to have internal decay should be scheduled for treatment before it has decayed to the point where replacement is necessary. A groundline area of a 40-inch circumference standing pole is taken as a guide and example for application of BUSAN 1020W. For interior decay, bore four to five holes  $\frac{3}{4}$ -inch in diameter and a length about  $2\frac{1}{2}$  times the radius of the wood at about a 45-degree angle downward. The first hole should be at the groundline and succeeding holes about 6 to 12 inches higher and 90 degrees rotated from the next lower hole. Inject equal amounts of fumigant into all holes using a total of 1 pint per pole on the average. Plug the pre-drilled holes immediately after applications. Do not treat structures/beams indoors. Do not drill an application hole through seasoning checks to apply product. If the hole intersects a check, plug the hole, and drill another. If more than 2 treatment holes intersect an internal void or rot pocket, re-drill the holes farther up the pole into relatively solid wood.

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# BUSAN 1020W

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A Fumigant for Controlling Decay and Insects in Wood Poles

### Storage and Disposal

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

**PESTICIDE STORAGE:** Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Protection Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

**CONTAINER DISPOSAL:**

(Text for all nonrefillable containers)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. **Plastic Containers:** May be incinerated, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Metal Containers:** Must not be incinerated. Do not cut or weld on or near metal containers.

{Liquid residue removal statement for nonrefillable containers with capacity of 5 gals or less}

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 the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

{Liquid residue removal statement for nonrefillable containers with capacity of >5 gals}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

(Text for all nonrefillable containers)

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

{Text for refillable containers}

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**LIMITED WARRANTY AND LIMITATION OF LIABILITY AND REMEDIES**

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions or resulting from extreme weather conditions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against the seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort.

Batch code: \_\_\_\_\_

**Manufactured by** **Buckman Laboratories, Inc.**  
1256 North McLean Blvd., Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-282-5626

**EPA Est. No.** 1448-MO-1

**EPA Reg. No.** 1448-437

**Product Weight** 9.6 lbs/gal 1.15 kg/L

Net contents are marked on the container.

**HMIS / NPCA Ratings**

Health 2 Flammability 1 Reactivity 1

**Last Revision**

**08/01/2014**