



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:
1448-441

Date of Issuance:
FEB 14 2011

Term of Issuance:

Conditional

Name of Pesticide Product:

Busan 1735

FILE COPY

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code): Buckman Laboratories Inc., 1256 N. McLean Blvd., Memphis, TN 38108

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. 441824) 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. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration Number 1448-441"

Signature of Approving Official:

Wanda Henson
Product Manager-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

b. Under the "ACTIVE INGREDIENTS" section after "Total Available chlorine" add "Total available bromine = approximately 2.3%"

c. Under the "Precautionary Statement", add the word "DANGER" before the word CORROSIVE, to read " DANGER. CORROSIVE. CAUSES IRREVERSIBLE....."

d. Under "Storage and Disposal" Statement

Revise the "**Storage and Disposal**" statement as per EPA regulations, 40 CFR 156.140, 40 CFR 156.144, 40 CFR 156.146, and 40 CFR 156.156 and summarized in PR Notice 2007-4 of October 29, 2007 (Revised: April 29, 2008) as follows:

"STORAGE AND DISPOSAL"

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

A. [Subheading] Pesticide Storage: Do not stack more than five drums high. Store this product in a cool, dry area, away from direct sunlight and heat to avoid deterioration. Do not store with easily oxidizable materials, acids, reducers. Keep container closed when not in use. In case of spill, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding this container in trash. **Emergency Handling:** In case of contamination or decomposition, do not reseal container. Isolate in open, well-ventilated area, and flood with large volume of water. Cool unopened drums in vicinity by water spray.

B. Change [Subheading] "Container Disposal" to "Container Handling and Disposal"

e. The "**Storage and Disposal**" instructions should appear after the label "**Directions for Use**" instructions.

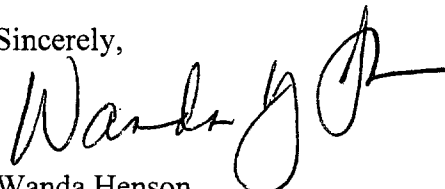
3. The Confidential Statement of Formula dated October 25, 2010, is acceptable.

Submit three (3) copies of the final printed label prior to releasing this product for sale and distribution.

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 copy of the label is enclosed for your records.

Sincerely,

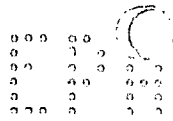


Wanda Henson
Acting Product Manager 32
Regulatory Branch II
Antimicrobials Division (7510P)

Enclosure: (Stamped Labeling)

BUSAN 1735

01519 3/5



Buckman

ACTIVE INGREDIENT(S)

Sodium hypochlorite.....

Sodium bromide.....

INERT INGREDIENTS.....

TOTAL.....

Total available chlorine = approximately 6.7%

Total available bromine = approximately 2.3%

7.00%

1.50%

91.50%

100.00%

APPROVED
WITH COMMENTS
in EPA Form 8550-107 Dated
FEB 14 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1440-441

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

If in Eyes	<ul style="list-style-type: none"> - 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 further treatment advice.
If on Skin, Clothes	<ul style="list-style-type: none"> - 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.
If Swallowed	<ul style="list-style-type: none"> - Call poison control center or doctor immediately for treatment advice. - DO NOT INDUCE VOMITING unless told to do so by the Poison Control Center or Doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> - Move person to fresh air. - If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.

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

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN BURNS. Do not get in eyes, on skin or on clothing. Wear protective goggles, face shield, safety glasses, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 sewage treatment plant authority. For guidance contact your State Water Board Regional Office of EPA.

INSERT

DANGER

BUSAN 1735

4/5

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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.

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

BUSAN 1735 must be applied at the reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient BUSAN 1735 must be fed to maintain a total chlorine level of 1.0-4.0 ppm in all parts of the reservoir or pond (two fluid ounces per 1000 gallons of water yields about 1.4 ppm total chlorine).

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

BUSAN 1735 must be applied directly to the cooling water at any section of the system where sufficient mixing will occur. Apply BUSAN 1735 to the cooling water to provide a total chlorine level of 1.0-4.0 ppm. BUSAN 1735 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.4 ppm throughout the systems. Check the total chlorine level with a test kit and additional product applied until a reading of 1.0-4.0 ppm is obtained at the bleed-off point. The product can be added to the system either continuously or intermittently or as needed to obtain the above residual. The frequency of feeding and dosage rate will depend upon the severity of the problem.

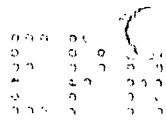
AIR WASHERS (This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.)

For control of microorganisms in industrial air washer systems add sufficient BUSAN 1735 to the air washer sump or chill water to provide a total chlorine level of 2.0-4.0 ppm. Badly fouled systems must be cleaned before treatment is begun. BUSAN 1735 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.4 ppm throughout the system. Check the total chlorine level with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

HEAT TRANSFER SYSTEMS (Such as Evaporative Condensers, Hydrostatic Sterilizers and Retorts, Dairy Sweetwater Systems, and Once-Through Cooling Water Systems)

BUSAN 1735 must be used at the same application rates, and in the same manner as described above. It must be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

BUSAN 1735



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BUSAN 1735 is an effective agent for controlling algae, bacteria, and fungi that produce slime in recirculating condensing and cooling equipment and in reservoirs or ponds that serve as the source of boiler feed water or cooling water. BUSAN 1735 can also be used to control bacteria, algae and fungal slime in decorative fountains, air washers.

Storage and Disposal

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

REUSE AS PER AGENCY'S NOTICE

PESTICIDE STORAGE: Do not stack more than five drums high. Drums should be opened in well-ventilated areas. 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 acutely hazardous. 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 Control 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.

{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.

Distributed by:

Buckman Laboratories, Inc.

1256 North McLean Blvd., Memphis, Tennessee 38108, USA
(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-441 *← add*

Product Weight 10.4 lbs/gal 1.25 kg/L

Net contents are marked on the container.

HMIS / NPCA Ratings

Health 3 Flammability 0 Reactivity 1

Last Revision

10/22/2010