

1448-342

(3/31/2010 (

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Carl Watson
Senior Toxicologist for,
Buckman Laboratories, Inc.
1256 North McLean Blvd.
Memphis, TN 38108-1241

MAR 31 2010

Subject: Busan 1130
EPA Registration Number 1448-342
Your Amendment Dated February 24th, 2010
EPA Received Date March 1st, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to revise the Storage and Disposal section as per PR Notice 2007-4, is acceptable.

A stamped copy of the labeling is enclosed.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division(7510P)

BUSAN 1130

BUSAN is a registered trademark.

ACCEPTED
with COMMENTS
EPA Letter Dated:

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Buckman

ACTIVE INGREDIENT(S)

2-Bromo-4'-hydroxyacetophenone.....

INERT INGREDIENTS.....

TOTAL.....

MAR 31 2010
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended and registered
10.0%
90.0%
100.0%
1448-342

KEEP OUT OF REACH OF CHILDREN
DANGER

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 further treatment advice.
If on Skin, Clothes	- 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	- Call 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 the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
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 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

Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if spray mist is inhaled under prolonged exposure. Do not breathe mist. Corrosive. Cause severe eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. This product may cause skin sensitization reactions in some people. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. When handlers use closed metering systems the handler requirement may be reduced or modified to long-sleeve shirt, long pants, shoes and socks. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not use in facilities discharging directly or indirectly to the estuarine or marine environment. Do not discharge effluent containing this product into freshwater lakes, streams and ponds 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. Secondary biological treatment of BHAP effluent discharging to freshwater environments is required for all uses except for use in secondary oil recovery systems discharging to freshwater environments. 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.

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, and Executive Order
registered under EPA Reg. No. 1448-342

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 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 waste are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these waste 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.

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.

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-TN-1

EPA Reg. No. 1448-342

Product Weight 8.6 lbs/gal 1.03 kg/l

Net contents are marked on the container.

HMIS / NPCA Ratings

Health 3 Flammability 2 Reactivity 1

Last Revision

1/30/2010

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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.

To control bacterial and fungal slime in pulp and paper mills, Busan 1130 is employed at 0.3 to 3 kg per tonne (0.6 to 6 lb per ton) of pulp or paper (dry basis) added to the white water or stock at a point of good agitation ahead of where the slime is forming. To supplement or replace chlorine in the treatment of freshwater used on a paper machine, use Busan 1130 at concentrations of 3 to 12 parts per million (ppm). To prevent spoilage of slush pulp in storage, add Busan 1130 in a manner that will ensure uniform distribution throughout the mass of pulp. For slush pulp that will be held in storage for more than 8 hours but not more than 1 week, treat this pulp with 0.3 to 0.9 kg of Busan 1130 per tonne (0.6 to 1.8 lb per ton) of moisture-free pulp. When microbiologically contaminated pulp or recycled fiber (waste paper) is added to the system, use a supplementary treatment of Busan 1130. To each beater or pulper add 0.3 kg of Busan 1130 per tonne (0.6 lb per ton) of moisture-free fiber to help keep the system free of slime. For treatment of the broke to help control slime, use Busan 1130 at 0.3 to 0.9 kg per tonne (0.6 to 1.8 lb per ton) of dry broke.

To inhibit the growth of bacteria that cause the degradation of papermaking chemicals, such as animal glue solutions, clay slurries, starch slurries and solutions, or coating formulations, use 150 to 600 ppm of Busan 1130, based on the total wet weight of slurry, emulsion or solution to be protected.

To inhibit the growth of fungi that cause the degradation of papermakers' alum solutions, use 150 to 300 ppm Busan 1130 based on the total wet weight of the solution.

Busan 1130 is used to inhibit the growth of bacteria that cause loss of viscosity in emulsion paints, adhesives, waxes, and polishes. Busan 1130 is added at rates of 0.3 to 1.5% based on the weight of the emulsion. This product is not to be used in adhesives which may contact food.

Cooling Water Systems: For the control of bacteria in industrial and commercial recirculating cooling water systems, Busan 1130 should be fed at a rate of 1.3 to 13 fl. oz. (10 to 100 ppm) per 1,000 gallons of system water. This dosage should be repeated every 1 to 5 days as needed. If the system is badly fouled, it should be cleaned to remove old deposits before treatment with Busan 1130 is begun.

Petroleum Secondary Recovery: Busan 1130 is used to control both aerobic and anaerobic bacteria in oil field water, water disposal systems, and other oil field water systems. Busan 1130 may be fed continuously, intermittently or by slug addition. Addition should be made to injection wells, free water knockouts, filtration systems, production wells and at other locations subject to bacterial fouling and corrosion.

Continuous Feed: Busan 1130 may be fed continuously at a level of 0.65 to 6.3 fl. oz. per 1,000 gallons or 26.5 to 265 fl. oz. per 1,000 bbls of produced water (5 to 50 ppm).

Intermittent Feed: Busan 1130 may be fed intermittently at a level of 0.65 to 10.0 fl. oz. per 1,000 gallons or 26.5 to 424 fl. oz. per 1,000 bbls of produced water (5 to 80 ppm) 4 to 8 hours per day.

Slug Feed: Where intermittent or continuous feed is not desirable, Busan 1130 may be fed at a dosage of 1.3 to 12.6 fl. oz. per 1,000 gallons or 53 to 530 fl. oz. per 1,000 bbls of produced water (10 to 100 ppm). Dosage should be repeated every 1 to 7 days as needed.

Drilling Fluids: To inhibit bacterial degradation of drilling fluids and muds, Busan 1130 should be applied at a rate of 0.1 to 0.4% based upon the total weight of the fluid.

Leather: Busan 1130 can be used to prevent bacterial decomposition of brine cured, wet salted, air-dried or green-fleshed hides and skins in the soaking process. For this purpose, Busan 1130 can be used at treatment levels of 0.03-0.1% (300-1000ppm) based upon the total weight of the hides/skins and process water (float). A satisfactory dispersion of 1 part Busan 1130 plus 9 parts water may be prepared by adding the Busan 1130 to the water (as opposed to adding water to Busan 1130) with agitation. This dilution should be made immediately prior to use in the soaking process.

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1448-342