



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

1448-408

Date of Issuance:

JAN 22 1998

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Busan 1350

Name and Address of Registrant (include ZIP Code):

Buckman Laboratories  
1256 McLean Blvd  
Memphis, TN 38108-0305

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 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/reregistration 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 reregistration of your product under FIFRA section 4.

2. Make the labeling change listed below before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 1448-408".

Signature of Approving Official:

Marshall Swindell  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7504C)

Date:

JAN 22 1998

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b. Submit two (2) copies of the revised final printed label the record.

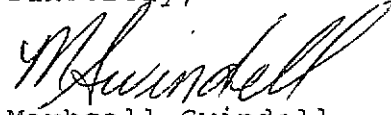
3. The Confidential Statement of Formula dated April 23, 1996 is in compliance with PR Notice 91-2, agrees with the label and is acceptable.

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.

If you have any questions conernig this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marhsall Swindell  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7504C)

# BUSAN 1350

BUSAN is a registered trademark.

KEEP OUT OF REACH OF CHILDREN  
DANGER

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive, causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear goggles or face shield, a mask or pesticide respirator jointly approved by MSHA and OSHA, protective clothing and shoes, and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**STATEMENT OF PRACTICAL TREATMENT (FIRST AID):** If in eyes: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention. If swallowed: Call a physician or poison control center. Do not induce vomiting. First rinse mouth with large amounts of water or milk. Then slowly give one or two glasses of water or milk. Avoid alcohol. Do not give anything by mouth to an unconscious person. Take individual to the nearest medical facility. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.  
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or 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 sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## STORAGE AND DISPOSAL

**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 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## DIRECTIONS FOR USE

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

Busan 1350 is packaged in water soluble bags for the purpose of providing application convenience and increased

## ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole . . . . . 8.0 %

Methylene bis(thiocyanate) . . . . . 8.0 %

INERT INGREDIENTS: . . . . . 84.0 %

safety to the end user. These bags are further packaged in water resistant enclosures that are designed to protect the water soluble bags and keep them dry. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure. Application dosages are recommended to take advantage of available package sizes thus allowing use of the total contents of each bag.

Each pail contains 25 lbs of product, packaged in water soluble bags. NEVER OPEN INDIVIDUAL BAGS. INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER WHEN NOT IN USE.

**COOLING WATER:** Busan 1350 is used to control algae, bacteria and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 1 to 2 - 4 oz bag(s) of Busan 1350 per 1000 gal water in the system. A subsequent addition of 1 - 4 oz bag of Busan 1350 per 1000 gal should be made every 1 to 5 days, depending on amount of system bleedoff and the severity of microbiological fouling.

**DRILLING FLUIDS:** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, Busan 1350 is incorporated in the drilling fluid at concentrations of 16 to 96 - 4 oz bags of Busan 1350 per 1000 gallons of fluid.

**PETROLEUM SECONDARY RECOVERY:** Busan 1350 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of 1 to 4 - 4 oz bag(s) of Busan 1350 per 1000 gal of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. *Intermittent of Slug Method:* When system is noticeably fouled, or to maintain control, add 1 to 4 - 4 oz bag(s) of Busan 1350 per 1000 gal of water 1 to 4 times per week, or as needed to maintain control.

**CRUDE AND REFINED OILS:** Busan 1350 is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude oil and refined oils during storage. Crude and refined oils include, but are not limited to, olefinic, aromatic, paraffinic, and naphtholic oils. It should be added to the oil as it is being transferred from the shipping container to the storage tank at the rate of 1 to 2 - 4 oz bag(s) of Busan 1350 per 1000 gal of oil. Addition should be made batchwise when mixing occurs.

**SAPSTAIN AND MOLD CONTROL:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet" for sapstain and mold control use information.

**HIDES AND SKINS/LEATHER:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet" for information regarding the use of this product as a preservative in leather processing operations.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JAN 22 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
1448-408

**HMSI/NPCA RATING**  
Health 3 Flammability 1 Reactivity 1

Product Weight: 8.6 lbs./gal. 1.03 kg/l  
NET CONTENTS MARKED ON CONTAINER

EPA Reg. No. 1448-

Manufactured By EPA Est. No. 1448-TN-1  
**BUCKMAN LABORATORIES, INC.**  
1256 N. McLEAN BLVD., MEMPHIS, TN 38108 USA  
(901) 278-0330 or 1-800-BUCKMAN

Rev. 12/23/97

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# Buckman Laboratories, Inc.

1256 N. McLean Boulevard, Memphis, TN 38108. Phone: (901) 278-0330. Fax: (901) 274-8035

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Under the Federal Insecticide,  
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## BUSAN 1350

### Product/Use Information Sheet

#### ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....	8.0%
Methylene bis(thiocyanate).....	8.0%
INERT INGREDIENTS:.....	84.0%

Please refer to the product label for precautionary statements regarding use and handling of this product.

BUSAN 1350 is packaged in water soluble bags for the purpose of providing application convenience and increased safety to the end user. These bags are further packaged in water resistant enclosures that are designed to protect the water soluble bags and keep them dry. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure. Application dosages are recommended to take advantage of available package sizes thus allowing use of the total contents of each bag.

Each pail contains 25 lbs of product, packaged in individual water soluble bags. NEVER OPEN INDIVIDUAL BAGS, INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER WHEN NOT IN USE.

**SAPSTAIN AND MOLD CONTROL:** Busan 1350 is used to control sapstain and mold on freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. It is applied by dipping or spraying the wood until complete surface wetting is accomplished. Use 6 to 24 - 1 lbs bags of Busan 1350 per 1000 gallons of water and agitate vigorously until Busan 1350 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wood moisture, storage conditions, etc. Under conditions suitable for aggressive mold growth, the high rate mentioned above should be used. Treatment should be made as quickly as possible after lumber is cut and always within 24 hours after cutting.

**HIDES AND SKINS:** Busan 1350 is used to prevent bacterial decomposition of brine-cured hides and skins. Busan 1350 should be used at a level of 0.5 - 2.5 lbs per 1000 lbs of green fleshed hides or skins. The packets of Busan 1350 should be added prior to or immediately after the hides to the raceway. To assure adequate mixing, the bags should be individually introduced to the input side of the raceway paddle.

**LEATHER:** Busan 1350 is used to prevent bacterial decomposition of hides and skins during the soaking process. Busan 1350 should be used at a level of 1 - 2 lbs per 1000 lbs of green or brine fleshed hides or skins. Busan 1350 is used to prevent mold growth on chrome of vegetable-tanned hides and skins during tanning or post tanning operations prior to finishing. Busan 1350 is used at treatment rates of 0.5 - 3 lbs per 1000 lbs of white weight stock. Individual bags of Busan 1350 can be added directly to the tanning drum or vessel or dissolved in a chemical mix box during the tanning process.

