

PK 95 1448-55 13 '92

AUG 14 1992

Dr. Dennis L. Barbee
Buckman Laboratories International, Inc.
1256 North McLean Blvd.
P.O. Box 80305
Memphis, TN 38108-0305

Dear Dr. Barbee:

Subject: Addition of Waste Water Treatment
BUSAN 30
EPA Reg. No. 1448-55
Your application of Dec. 10, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next printing of your label, or within 6 months, whichever comes first, please place your ingredient statement on the front panel of the label.

Sincerely yours,

Robert J. Taylor
Product Manager 25
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

RD:RTaylor:eja:8/14/92:3056800

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BUSAN 30

BUSAN is a registered trademark.

ACTIVE INGREDIENT
2-(Thiocyanomethylthio)
INERT INGREDIENT

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage. Causes skin irritation. This product may cause allergic skin reactions. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID: If in eyes, flush with plenty of water. Get medical attention. If on skin, wash with plenty of soap and water. Get medical attention. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention. Note to physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not use in offshore or estuarine drilling operations. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES Permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

Technical assistance in applying Busan 30 for microorganism control as described in the following is available upon request when a description of the problem is provided.

LEATHER: Busan 30 is used at treatment rates of 0.25 to 2 lb/1000 lb of white weight stock to prevent the bacterial or fungal degradation of salt-cured hides and skins and to prevent mold growth on chrome- or vegetable-tanned hides and skins. For treating hides cured with dry salt, Busan 30 should be sprinkled on the hides or should be mixed with the salt before it is applied to the hides. For treating tanned hides, Busan 30 should be dispersed in water and added to the pickling solution or to the tanning liquor at the start of the tanning operation. For preservation of leather-finishing pastes and lat liquors, Busan 30 is added to the pastes at 0.10 to 0.25% by weight of treated paste and mixed to ensure adequate dispersion.

PULP MILLS: To protect wood chips from fungal degradation during storage, Busan 30 is used at 0.5 to 2 lb/ton of oven-dry wood. It can be applied through a water shower or spray located in the pneumatic conveyor carrying chips from the chipper to the storage pile. For preservation of wet lap or sheet pulp, Busan 30 is used at 0.5 to 4 lb/ton of oven-dry fiber. It is applied to the surfaces of the dewatered pulp by means of sprays or applicator rolls. **PAPER MILLS:** To control bacterial and fungal growth on paper and paperboard machines, Busan 30 is added to the white water or stock at 0.1 to 0.5 lb/ton of dry paper or paperboard produced. To make mold-resistant paper or paperboard, Busan 30 is used at 0.05 to 0.1 lb/100 sq ft of surface. For coated paper or board, Busan 30 is incorporated in the coating mix prior to application of the coating. For uncoated paper or board, Busan 30 is dispersed in water, surface-sizing solution, or other solvent and applied to the surface to be protected by

means of an applicator roll. For the preservation of agricultural mulch paper, Busan 30 is applied to the surfaces of the mulch paper by sub-sizing methods or by means of a spray. **PARTICLE BOARD:** Busan 30 is employed as a preservative for wood-base fiber and particle panel materials. In this use, Busan 30 is mixed with the wood chips or fibers before they are pressed into panels. **SAP STAIN CONTROL:** Busan 30 is used to control sap stain on softwood and hardwood lumber, logs, poles, posts, and timbers. It is applied by dipping, spraying, or painting a dispersion containing 0.5 to 0.7% Busan 30 in water onto the surfaces of the wood. **TOWERS:** Busan 30 is used to protect cooling tower wood against soil or surface staining. It is applied by spraying or painting a dispersion containing 0.5 to 0.7% Busan 30 in water onto the wood surfaces. **COOLING WATER:** Busan 30 is used to control algae and other organisms in cooling water systems. Before treatment is begun, the system should be cleaned of microbiological slime, and other deposits. The system should then be drained. Initial dose of 0.6 to 3.7 lb Busan 30 per 1000 gal of water in the system. Subsequent doses should be made every 1 to 5 days, depending on amount of bleedoff and severity of the problem. **DRILLING FLUIDS:** To inhibit bacterial and fungal growth in drilling of wells, Busan 30 is incorporated in the drilling fluid at concentrations of 0.2 to 2.5 lb/100 gal of fluid. **PETROLEUM SECONDARY RECOVERY:** Busan 30 is used to control bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other systems. **Continuous Feed Method:** When system is noticeably fouled, add 0.2 to 0.5 lb Busan 30 per 1000 gal of water continuously until desired degree of control is achieved. Then treat with 0.2 to 0.5 lb Busan 30 per 1000 gal of water continuously, or as needed to maintain control. **Intermittent or Slug Method:** When system is noticeably fouled, add 0.6 to 3.7 lb Busan 30 per 1000 gal of water for 4 to 8 hr per day to maintain control. **CUTTING FLUIDS:** Busan 30 is used to inhibit bacterial and fungal growth on the inside walls of the diluted metalworking fluid storage tanks. **CAULKING-SEALANTS & WASTEWATER:** For the protection of these materials, refer to the bulletin "Busan 30 for the Protection of Sealants and Wastewater". **TEXTILES:** For directions on the use of Busan 30 for the protection of these materials, refer to the bulletin "Busan 30 for the Preservation of Textiles". **WASTEWATER:** Busan 30 controls bacteria and fungal slimes in waste water. The addition can be made at various points in the waste water treatment process such as clarifier and/or the holding basins or ponds.

HMS/NPCA RATING
Health 3 Flammability 2 Reactivity 1

Manufactured By EPA Est. No. 14
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