

PM 32 1448-380

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREГИSTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 1448-380	DATE OF ISSUANCE SEP 30 1996
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT Busan 2020	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Buckman Laboratories, Inc.
 1256 North McLean Blvd.
 Memphis, TN 38108

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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. Change the label by revising the EPA Registration Number to read, "EPA Registration No. 1448-380".
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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A stamped copy of the label is enclosed for your records.

If you have any questions about these comments, please call LaVerne Dobbins at (703) 305-7064.

Sincerely yours



Vivian A. Turner
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

3013


BUSAN 2020
ACCEPTED

SEP 30 1996

KEEP OUT OF REACH OF CHILDREN**CAUTION**

Under The Federal Insecticide, Fungicide and
Rodenticide Act, as amended, for the
pesticide registered under 1448-350
EPA Reg. No. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR USE**ACTIVE INGREDIENTS:**

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)
ethylene dichloride 20.0%

INERT INGREDIENTS 80.0%

TOTAL 100.0%

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.
STATEMENT OF PRACTICAL TREATMENT: If swallowed, drink large quantities of water. Avoid alcohol. Call a physician immediately.

In Eyes: Flush with plenty of water for at least 15 minutes. Consult a physician if irritation occurs.
In Case of Skin Contact: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs. **If Inhaled:** Move person to a well ventilated place and apply artificial respiration if required. Call a physician.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organism. Do not contaminate water by cleaning of equipment or disposal of waste. 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 Systems (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 or Regional Office of the EPA.

Physical or 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 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 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 the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

PLASTIC: 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.

METAL: 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.

Busan 2020 is used to control algae, bacteria, and fungi in recirculating commercial and industrial cooling towers and recirculating cooling systems. Prior to its use, systems should be cleaned to remove existing algal growth, microbiological slime, and other deposits. An initial slug addition of 2.9 to 7.3 fluid ounces of Busan 2020 per 1000 gallons of water to provide a concentration of 24 to 60 parts per million of Busan 2020 based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 0.73 to 7.3 fluid ounces of Busan 2020 per 1000 gallons of water (6 to 60 parts per million of Busan 2020) should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Busan 2020 is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 11.1 to 18.3 fluid ounces of Busan 2020 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 7.5 to 18.3 fluid ounces of Busan 2020 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash systems.

Busan 2020 is used to control the growth of algae in recreational water systems such as pools, spas, whirlpools and hot tubs. Busan 2020 can also be used to control algae growth in decorative fountains and ponds. For optimum results, systems containing heavy algae growth, should be cleaned prior to using Busan 2020.

For recreational water systems having just visible algae growth add 11 to 30 fluid ounces of Busan 2020 per 10,000 gallons of water. Maintain re-circulation on the pool while treatment and remove settled algae debris. Repeat treatment 3-5 days until algae growth has been removed. Brush walls and floors between applications. For treatment of freshly cleaned and filled recreational water systems add 6 to 11 fluid ounces of Busan 2020 per 10,000 gallons of water. Subsequent additions of 2 to 4 fluid ounces of Busan 2020 per 10,000 gallons of water should be made every 5 to 7 days after initial treatment for maintenance.

For treatment of freshly cleaned and filled recreational water systems add 6 to 11 fluid ounces of Busan 2020 per 10,000 gallons of water. Subsequent additions of 2 to 4 fluid ounces of Busan 2020 per 10,000 gallons of water should be made every 5 to 7 days after initial treatment for maintenance.

For decorative fountains and ponds having just visible algae growth add an initial dose of 0.6 to 2 fluid ounces of Busan 2020 per 1,000 gallons of water. For treatment of freshly cleaned decorative fountains or ponds, Add 0.2 to 1.0 fluid ounces of Busan 2020 per 1,000 gallons of water every 5 to 7 days for maintenance.

Busan 2020 will control and prevent most algae growths during off-season winter months when recreational water systems are not in use. For systems which have been properly treated during the summer months and are free of visible algae growth, add 10 to 20 fluid ounces of algacide per 10,000 gallons of water. If at the end of the swimming season systems have some visible algae growth, add 20 to 30 fluid ounces per 10,000 gallons of water. It is necessary that a uniform distribution of algacide is obtained throughout the water for maximum effectiveness. If recreational water systems such as pools and spas are not covered during the off-season, it may be necessary to repeat the treatment one or more times during the season. Busan 2020 is compatible at use levels with other chemicals normally employed to treat recreational water systems. To prevent water cloudiness during treatment, do not add chlorinated shock treatments while applying Busan 2020. Do not mix Busan 2020 with concentrated dry or liquid chlorine products.

HMIS/NPCA RATING
Health 1 Flammability 1 Reactivity 1

Product Weight: 9.0 lbs/gal 1.08 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. 6/18/96