

1448-20001

9-27-2002

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

EPA Reg. Number:

1448-20001

Date of Issuance:

SEP 27 2002

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Busan® 1125C

(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 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 following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 1448-20001".
- b. Under the "Precautionary Statements" add the following paragraph:

DANGER: Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

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Signature of Approving Official:

Robert S. Brennis, PM 32

Date:

SEP 27 2002

c. Under the "First Aid" Statement add the following:

For Toxicity Category I eye and skin irritants, use the following "Note to Physician".

"Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage".

d. Under the "Environmental Hazards Statement" revise the first sentence to read: This pesticide is toxic to fish and aquatic organisms.

e. Under the "Directions for Use" for Briquettes or Tablets add to the last sentence "Badly fouled systems must be cleaned before treatment is begun".

3. Submit two copies of the revised final printed label for the record.

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.



ACCEPTED
with COMMENTS
EPA Date: 11/25/00
SEP 27 2002

BUSAN®
KEEP OUT OF REACH OF CHILDREN
DANGER
Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-2000
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FIRST AID	
If on Skin or Clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for at least 20 minutes. Call a poison control center or doctor for treatment advice.
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 treatment advice.
If Swallowed	Call a 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 by a 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.

Have the product container or label with you when calling a poison control center or doctor.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with 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 sewage 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: Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsate that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate water, food, or feed by storage or disposal.

DIRECTIONS FOR USE

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

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of chlorine.

PULP AND PAPER MILL PROCESS WATER SYSTEMS:

SLUG FEED METHOD – Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD – Initial Dose: When the system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost by blowdown.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD – Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

BRIQUETTES OR TABLETS – Initially slug dose the system with 52 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and maintain the chlorine residual at 1 ppm.

COOLING TOWER/ EVAPORATIVE CONDENSOR WATER

SLUG FEED METHOD – Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD – Initial Dose: When the system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost by blowdown.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD – Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

BRIQUETTES OR TABLETS – Initially slug dose the system with 52 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and maintain the chlorine residual at 1 ppm.

DISINFECTION OF DRINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)

PUBLIC SYSTEMS: Mix a ratio of 1 oz. of this product to 100 gallons of water. Begin feeding this solution with hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local health department for further details.

INDIVIDUAL SYSTEMS: DUG WELLS: Upon completion of the casing (lining) wash the interior of the casing (lining) with 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1 oz. of this product in 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipesleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from water. Consult your local health department for further details.

ACTIVE INGREDIENT:
Sodium hypochlorite
INERT INGREDIENTS:
Total

INDIVIDUAL SYSTEMS: DRILLED, DRIVEN from turbidity as possible. Pour a 100 ppm solution can be made by thoroughly mixing 1 gallon of clean, chlorinated water to the well. Wash the exterior of pump cylinder with the water flush well until all traces of chlorine have been removed. Water levels may necessitate the use of special well. Consult your local health department for further details.

INDIVIDUAL WATER SYSTEMS: FLOWING require disinfection. If analyses indicate persistent turbidity, consult your local health department for further details.

EMERGENCY DISINFECTION: When boiling water is not available, this product can be used to disinfect water by using this product. Prior to additional filtration or by allowing it to settle to the bottom of a container and add 1 drop of this product to 2 gallons of water. Properly treated water should be allowed to stand an additional 15 minutes before pouring between clean containers several times.

PUBLIC WATER SYSTEMS RESERVOIRS-ALGAE CONTROL – Hypochlorination feeding points should be selected on each entry into the reservoir.

MAINS – Thoroughly flush section to be sanitized at least 2.5 feet per minute to continue until hypochlorinator. Stop water flow when a chlorine pressure end of the new main section after 2 hours the system must be flushed free of all heavy deposits.

NEW TANKS, BASINS, ETC. – Remove all sludge for each cubic foot of working capacity (500 ppm stand for at least 4 hours. Drain and flush with water.

NEW FILTER SAND – Apply 80 oz. of this product of the product dissolving as the water passes.

NEW WELLS – Flush the casing with 50 ppm of this product for each 100 gallons of water. After thorough mixing with agitation. The water chlorination. It may then be pumped until an examination of the water will indicate whether.

EXISTING EQUIPMENT – Remove equipment physical soil. Sanitize by placing 21 oz. of this product (500 ppm available chlorine). Fill to working level in service. If the previous treatment is not containing 5 oz. of this product for each 5 gallons of chlorine). After drying, flush with water and n

HMIS/NPCA RATING

Health 2 Flammability 0 Reactivity 2

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