

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
1448-354

DATE OF ISSUANCE  
APR 09 1992

NOTICE OF PESTICIDE:

REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT  
Busan 1202

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Buckman Laboratories, Inc.  
1256 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/cite all data required for registration/reregistration of your product under FIFRA section 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. Add the phrase "EPA Registration No. 1448-354"

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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.

Sincerely,



John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosures

# BUSAN 1202

BUSAN is a registered trademark.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Harmful if swallowed. Harmful if absorbed through skin. May cause skin sensitization. Do not get in eyes, on skin, on clothing. Avoid breathing vapor do not swallow. Wear goggles, protective clothing, and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

**IF ON SKIN:** Immediately wash with plenty of soap and water. Get medical attention.

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical advice with urgency.

**IF INHALED:** Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

**NOTE TO PHYSICIAN:** Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

## STORAGE AND DISPOSAL

Busan 1202 solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -10°C (14°F). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage time (up to about 1 month), temperatures of up to 100°F can be tolerated but the preferred maximum storage temperature is about 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with teflon is suitable for gaskets and packing.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL: Metal Containers or Plastic Containers.** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Do not cut, or weld on or near metal containers. **Plastic Containers:** may be incinerated, if allowed by state and local authorities. If burned, stay out of smoke. **Metal containers:** must not be incinerated.

BEST AVAILABLE COPY

ACTIVE INGREDIENT  
Glutaraldehyde  
INERT INGREDIENTS

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product on PAPER MILLS AND PAPER MILL PROCESSES.

Busan 1202 should be added to the system at a point of uniform mixing such as a water tank.

**Initial Treatment:** When the system is noticeably contaminated, add 0.5 lb (0.23 kg) as a slug dose. Repeat until control is achieved. Heavily fouled systems may require a higher dose.  
**Subsequent Dose:** When microbial control is evident, add 0.3 - 2.0 lb (0.14 - 0.91 kg) slug dose as necessary to maintain control.

### WATER BASED COATING, PIGMENTS, AND FILLER SLURRIES

**For Non-Food Grade Applications:** Add sufficient quantities of Busan 1202 to the slurry to achieve a concentration of 1 - 6 lbs. of Busan 1202 per 10,000 lbs. of slurry.  
**For Food Grade Applications:** Add sufficient quantities of Busan 1202 to the slurry to achieve a concentration of 1 - 3 lbs. of Busan 1202 per 10,000 lbs. of slurry.

### WATER FLOODS

Busan 1202 should be added to a water flood system at a point of uniform mixing such as a holding tank.

**Initial Treatment:** When the system is noticeably contaminated, add 100 - 200 ppm Busan 1202 per 1000 gallons flood water. Repeat until control is achieved.  
**Subsequent Dose:** When microbial control is evident add 20 - 100 ppm Busan 1202 per 1000 gallons flood water weekly, or as needed to maintain control.

### DRILLING MUDS

Busan 1202 should be added to a drilling fluid system at a point of uniform mixing such as a holding tank.

**Initial Treatment:** Add 50 - 1000 ppm Busan 1202 (0.2 - 4.2 gallons per 100 barrels depending on the severity of contamination).  
**Maintenance Dosage:** As the total volume of the system increases due to drilling, add Busan 1202 level by adding 0.2 - 4.2 gallons of Busan 1202 per 100 barrels depending on the severity of contamination.

### COMPLETION AND WORKOVER FLUIDS

Busan 1202 should be added to a completion and workover fluid at a point of uniform mixing such as a holding tank.  
**Initial Treatment:** Add 50 - 1000 ppm Busan 1202 (0.2 - 4.2 gallons Busan 1202 per 100 barrels depending on the severity of contamination). Circulate the workover fluid system until the fluid is clear. Remove the workover fluid. The well should be ready for completion.

### PACKER FLUIDS

Busan 1202 should be added to a packer fluid at a point of uniform mixing such as a holding tank.  
**Initial Treatment:** Add 50 - 1000 ppm Busan 1202 (0.2 - 4.2 gallons Busan 1202 per 100 barrels depending on the severity of contamination). Seal the treated packer fluid in the well between the casing and the formation.

## HMIS/NPCA RATING

Health 3 Flammability 1 Reactivity 1

Manufactured By EPA Est. No. 1-100-0000  
**BUCKMAN LABORATORIES**  
1256 N. McLEAN BLVD., MEMPHIS, TN 38103  
(901) 278-0330 or 1-800-BUCKMAN

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