

1448-92

01-21-2003

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**Buckman Laboratories, Inc.**  
1256 N. McLean Blvd.  
Memphis, TN 38108

Attention: Dennis L. Barbee, Ph.D.

Subject: **Busan 1024**  
EPA Registration No. 1448-92  
Amendment Application Dated: November 25, 2002  
EPA Received Date: November 29, 2002

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

- Revise label Per PR-Notice 2001-1 "First Aid Statement"

A stamped copy is enclosed for your records.

Sincerely,



Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

| CONCURRENCES |  |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
| Signature    |  |  |  |  |  |  |  |
| SURNAME      |  |  |  |  |  |  |  |
| DATE         |  |  |  |  |  |  |  |



# BUSAN 1024

BUSAN is a registered trademark.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### FIRST AID

|                     |   |
|---------------------|---|
| If in Eyes          | <ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>   |
| If on Skin, Clothes | <ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>- Call a poison control center for treatment advice.</li> </ul>   |
| If Ingested         | <ul style="list-style-type: none"> <li>- Call poison control center or doctor immediately for treatment advice.</li> <li>- Have person sip a glass of water, if able to swallow.</li> <li>- Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>- Do not give anything by mouth to an unconscious person.</li> </ul> |
| If Inhaled          | <ul style="list-style-type: none"> <li>- Move person to fresh air.</li> <li>- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>  |

##### HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901 278-0330 or 1-800-BUCKMAN for emergency medical treatment information.

##### NOTE TO PHYSICIAN

**CAUTION:** Harmful if inhaled. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS:** 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. Do not contaminate water by cleaning of equipment or disposal of wastes.

##### ACTIVE INGREDIENTS:

1-Methyl-3,5,7-triaza-1-azoniatricyclodecane.....18.0%  
chloride

INERT INGREDIENTS:.....82.0%

TOTAL.....100.00%

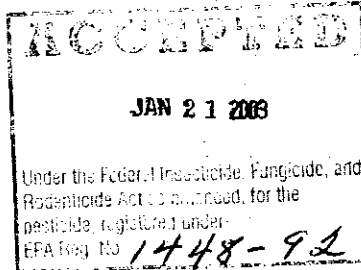
##### Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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.



Manufactured by

**Buckman Laboratories, Inc.**

1200 North McLean Blvd., Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-92

Net contents are marked on the container.

Product Weight 8.8 lbs/gal 1.06 kg/l

##### HMS / NPCA Ratings

Health 1 Flammability 1 Reactivity 1

##### Last Revision

3/23/2007

#### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with the directions on this label.

Busan 1024 is a preservative that is effective for the protection of emulsion paints, laundry starch, petroleum products and recovery, fountain wash systems, coatings and metal working fluids. The directions given on this label show the typical substrates, but it is recommended that appropriate preservation tests be performed to determine the most effective concentration. Technical assistance in the application of Busan 1024 for a particular problem is available. A description of the problem is provided.

\* Busan 1024 may not be used for preservation of materials which may contact food.

**EMULSION PAINTS:** For in-can preservation of emulsion paints, add 0.05 to 0.5% of the emulsion. The preservative can be added in the letdown or to any of the aqueous raw materials.

**ADHESIVES\*:** To protect adhesives based on starch, gums, latexes, cellulose materials from microbial degradation, add 0.1 to 0.50% Busan 1024 by weight of the adhesive.

**LATEX EMULSIONS:** For the preservation of acrylic, vinyl acetate, styrene, and other latex emulsions, add 0.1 to 0.50% Busan 1024 by weight of the emulsion. (500 to 5000 ppm). Products containing no residual monomer will have a wider concentration range.

**CONSTRUCTION MATERIALS:** To increase shelf and use life of caulking, grout, and other construction materials, add 0.1 to 0.50% Busan 1024 by weight of the formulation (500 to 1500 ppm).

**DETERGENTS:** To prevent bacterial deterioration during storages and to increase shelf life, add 0.1 to 0.50% Busan 1024 by weight of the formulation (1000 to 3000 ppm).

**LAUNDRY STARCH:** To increase shelf and use life of liquid formulation add 0.1 to 0.50% Busan 1024 by weight of the formulation (500 to 1500 ppm).

**PETROLEUM PRODUCTION AND RECOVERY:** To prevent bacterial growth in water, well waters, and underground strata, add 0.2 to 0.3% by weight (2000 to 3000 ppm) Busan 1024.

**FOUNTAIN WASH SYSTEMS:** To prevent bacterial growth and odor in fountain wash solutions, add 0.1 to 0.50% Busan 1024 by weight of the formulation to fountain wash solutions (1500 to 3000 ppm).

**TEXTILES:** To prevent spoilage of spinning emulsions for rayon and finishing solutions, add 0.8 to 1.0% Busan 1024 by weight of the formulation (8000 to 10000 ppm).

**INKS:** To increase the shelf life of water based fountain pen, fabric and paper inks, add 0.1 to 0.50% Busan 1024 by weight of the formulation (200 to 1000 ppm).

**POLISHES AND WAXES:** To preserve water-based polishes and waxes in the can, add 0.1 to 0.50% Busan 1024 by weight of the product (3000 to 7500 ppm).

**PAPERMAKING CHEMICALS AND COATINGS\*:** To control the bacterial degradation of papermaking chemicals and coatings, add 0.3 to 0.50% Busan 1024 by weight of the formulation (3000 to 5000 ppm).

**METALWORKING FLUIDS:** Busan 1024 is recommended for use in metal working fluids to prevent bacterial growth and loss of desired physical characteristics. The concentration of Busan 1024 should be determined by testing. In soluble oils and semisynthetic fluids, add sufficient Busan 1024 to achieve a concentration of 1024 per 1000 gallons in the diluted "ready to use" fluid. For synthetic metal working fluids, add 0.50% (1 to 5 gallons Busan 1024 per 1000 gallons) of the diluted "ready to use" fluid.

\* Busan 1024 may not be used for preservation of materials which may contact food.