



# BUSAN 1016

BUSAN is a registered trademark.

<b>ACTIVE INGREDIENT(S)</b>	
Sodium cyanodithioimidocarbonate.....	14.5%
Sodium N-methylthiocarbamate.....	18.0%
<b>INERT INGREDIENTS.....</b>	<b>67.5%</b>
<b>TOTAL.....</b>	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

FIRST AID	
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 further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If Swallowed	- Call 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 do so by the 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.
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	
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.	

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear coveralls over long sleeved shirt and long pants, socks, and chemical resistant footwear, goggles or face shield, and chemical resistant gloves (such as waterproof). Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

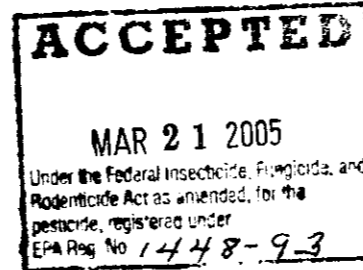
## Directions for Use

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

Busan 1016 is a broad-spectrum microbicide that is effective in the control of the bacteria and fungi that cause sucrose losses, slime, and odors during the manufacture of raw cane and beet sugar. Busan 1016 is composed of materials which meet the requirements of 21 CFR 173.320.

**CANE SUGAR MILLS:** Busan 1016 should be added to the cane juice at points where the microbicide will circulate to all parts of the grinding equipment, troughs, screens, and pipes with which the juice comes in contact. Approximately 35% of the dosage should be added to the juice from the crusher and the remainder to the juice from the next-to-last mill. Busan 1016 should never be added to the maceration water. Busan 1016 should be fed continuously at a total feed rate of 20.0 ppm based on the weight of the ground cane. This is equivalent to 11.3 mL of Busan 1016 per minute for each 1000 tonnes of cane ground per 24-hour day (or 0.35 fl oz of Busan 1016 per minute for each 1000 tons of cane ground per 24-hour day). Do not exceed a total feed rate of 16.3 L (20.0 kg) of Busan 1016 per 1000 tonnes of cane ground per 24 hours [or 3.9 gallons (19.13 lb) of Busan 1016 per 1000 tons of cane ground per 24 hours]. THIS PRODUCT IS NOT APPROVED FOR CANE SUGAR APPLICATIONS IN CALIFORNIA.

**BET SUGAR MILLS:** Busan 1016 can be used in beet sugar mills to treat the wash water, the diffuser system, and the raw juice. It is added to the wash water continuously as it enters the washer at dosages of 4.0-8.0 ppm. This is equivalent to 2.3-4.6 mL of Busan 1016 per minute for each 1000 tonnes of beets sliced per 24-hour day (or 0.07-0.14 fl oz of Busan 1016 per minute for each 1000 tons of beets sliced per 24-hour day). In diffuser systems, Busan 1016 should be added to the diffuser water supply at a dosage rate of 20.0 ppm. This is equivalent to 11.3 mL of Busan 1016 per minute for each 1000 tonnes of beets sliced per 24-hour day (or 0.35 fl. oz Busan 1016 per minute for each 1000 tons of beets sliced per 24 hour day). If the diffuser system is not treated with Busan 1016 and the raw juice from the diffuser has to be stored for 1 to 3 days during a shutdown, the raw juice should be treated with 20.0 ppm of Busan 1016. Do not exceed a total feed rate of 16.3 L (20.0 kg) of Busan 1016 per 1000 tonnes of beets sliced per 24 hours [or 3.9 gallons (39.5 lb) of Busan 1016 per 1000 tons of beets sliced per 24 hours].



## Storage and Disposal

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

**PESTICIDE STORAGE:** Do not expose to extreme temperatures. Do not stack more than four 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 the nearest 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.

Manufactured by

**Buckman Laboratories, Inc.**

1256 North McLean Blvd  
Memphis, Tennessee 38108 USA

(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-93

Product Weight 10.3 lbs./gal. 1.23 kg/L

Net contents are marked on the container

### HMIS / NPCA Ratings

Health 3 Flammability 1 Reactivity 1

Last Revision 2/28/2005

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3/21/2005  
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