

Reg # 1448-93  
**BUSAN 1016**  
BUSAN is a registered trademark.

PM-31

191  
**ACTIVE INGREDIENTS:**  
Disodium cyanodithioimidocarbonate ..... 14.5 %  
Sodium N-methyldithiocarbamate ..... 18.0 %  
**INERT INGREDIENTS:** ..... 67.5 %

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

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

**DANGER:** Corrosive. Causes eye and skin damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Remove and wash contaminated clothing. Do not take internally.

**STATEMENT OF PRACTICAL TREATMENT:** In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**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 this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

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

**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.

**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 to 90 ppm based on the weight of the ground cane. This is equivalent to 11.3 to 50.9 mL (or 0.35 to 1.6 fluid ounces) 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 73.4 L (89.7 kg) of Busan 1016 per 1000 tonnes of cane ground per 24 hours (or 19.13 gallons (197 lb) of Busan 1016 per 1000 tons of cane ground per 24 hours).

**BEET 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 a dosage 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 from 20 to 90 ppm. This is equivalent to 11.3 to 50.9 mL (or 0.35 to 1.6 fluid ounces) of Busan 1016 per minute for each 1000 tonnes of beets sliced per 24-hour day. If the diffuser system is not treated with Busan 1016 and the raw juice from the diffuser is to be stored for 1 to 3 days during a shutdown, the raw juice should be treated with 20.0 to 90 ppm of Busan 1016. Do not exceed a total feed rate of 73.4 L (89.7 kg) of Busan 1016 per 1000 tonnes of beets sliced per 24 hours (or 19.13 gallons (197 lbs) of Busan 1016 per 1000 tons of beets sliced per 24 hours).

**BEST AVAILABLE COPY**

**HMS/NPCA RATING**  
Health 3 Flammability 1 Reactivity 2

Product Weight: 10.3 lbs./gal. 1.23 kg/l  
**NET CONTENTS MARKED ON CONTAINER**  
EPA Reg. No. 1448-93

Manufactured By EPA Est. No. 1448-TN-1  
**BUCKMAN LABORATORIES, INC.**  
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