

**BUSAN 1228D**  
**LIQUID MICROBICIDE**  
**INDUSTRIAL**

**READ THE LABEL BEFORE USING**

**REGISTRATION NO. : 22863**  
**PEST CONTROL PRODUCTS ACT**

**GUARANTEE:**

2-Bromo-2-nitropropane-1,3-diol ..... 10 % (by weight)

**DANGER**



**POISON**

**POTENTIAL SKIN SENSITIZER**  
**CORROSIVE TO EYES AND SKIN**

NET CONTENTS: Kilograms

**Buckman Laboratories of Canada, Ltd.**

351 Joseph-Carrier Street, Vaudreuil-Dorion, (Quebec) J7V 5V5  
1-450-424-4404

**24-HOURS EMERGENCY TELEPHONE NUMBER:**

**1-450-424-4404 New Text**

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product. Do not contaminate water, food, or feed by storage or disposal.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## **DIRECTIONS FOR USE**

### **Oilfield Applications**

Inject continuously at 100 ppm active ingredient based on water content of oil and gas field water systems until bacterial control is achieved. Inject at a point that will ensure uniform mixing. Maintenance dosage is 10 - 25 ppm.

### **Paper Mills**

Within a 24 hour period, add 0.6 to 1.0 kg of Busan 1228D Liquid Microbicide per tonne of dry paper produced.

### **Cooling Towers, Heat Exchangers, Condensers, Air Washers**

Prior to use, systems should be cleaned to remove organic, inorganic and microbiological deposits. An initial slug addition (shock) of 100 ppm active ingredient based on the water content of the system is recommended. Repeat the initial dosage until control is evident. Subsequent additions of 10 to 25 ppm active ingredient should be made every 1 to 5 days or as needed.

Note: For air washers use only in systems equipped with effective mist eliminating components.

### **Metal Working Fluids**

Add Busan 1228D Liquid Microbicide at 5 to 10 kg per 10,000 liters of system volume.

### **Preservative**

Busan 1228D Liquid Microbicide should be use at a rate of 2 to 10% for the control of microorganisms in latex emulsions, polymer lattices and adhesives.

### **Leather Industry**

Busan 1228D Liquid Microbicide can be added to brine curing solutions as preservative at the rates of 100 to 500 ppm as active ingredient Bronopol.

## **PRECAUTIONS**

### **DANGER KEEP OUT OF REACH OF CHILDREN**

Corrosive to eyes and skin. Fatal if swallowed. POTENTIAL SKIN SENSITIZER. Do not swallow. Do not inhale aerosols or vapors. Do not get in eyes, on skin or on clothing. Avoid contamination of food. Wear goggles or a face shield, chemical-resistant gloves, long pants, a long-sleeved shirt, shoes and socks during mixing/loading, clean-up and repair. Formaldehyde can be released during use of this product. It is recommended that this product not be used in circumstances that would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupational health and safety authorities in your jurisdiction. If values exceed this level, it is recommended that NIOSH approved respiratory protection be worn. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/protective equipment immediately if pesticide comes in contact with skin through soaked clothing or spills. Then, wash skin thoroughly and put on clean clothing and required protective equipment prior to resuming your previous work activity. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Do not apply by open pouring of the liquid to cooling water systems; a metering pump is required for this use.

## **FIRST AID**

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**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 centre or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**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 centre or doctor for further treatment advice.

**If swallowed:** Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**TOXICOLOGICAL INFORMATION:** Note to physician: This product is corrosive. Probable mucosal damage following ingestion may contraindicate gastric lavage. This product may produce a sensitization response or an allergic reaction in some individuals.

## **DISPOSAL**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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