



BUSAN 1174

BUSAN is a registered trademark.

ACTIVE INGREDIENT(S)

Poly(oxyethylene(dimethyliminic)ethylene(dimethyliminic)ethylene dichloride)	12.00%
5-Chloro-2-methyl-4-isothiazolin-3-one	1.04%
2-Methyl-4-isothiazolin-3-one	0.37%
INERT INGREDIENTS	86.59%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

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.	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Remove contaminated clothing and wash clothing before reuse. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove Personal Protective Equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

Personal Protective Equipment

Applicators and other handlers must wear: Coverall worn over long-sleeved shirt and long pants; Goggles or face shield; Chemical-resistant gloves (such as barrier laminate, butyl rubber, Neoprene rubber, nitrile rubber, polyvinyl chloride <PVC> and Viton).

For Cleaning Equipment: Chemical-resistant apron

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 waste. Apply this pesticide only as specified on the label.

PHYSICAL AND CHEMICAL HAZARDS: This product is corrosive to mild steel.

Directions for Use

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

Do not apply this product in a way that will contact workers or other persons.

COOLING WATER SYSTEMS: BUSAN 1174 may be used to control the growth of microorganisms including bacteria, algae, and fungi in recirculating cooling water systems. In noticeably fouled systems, BUSAN 1174 should be added at a dosage rate of 5.8 to 34.8 fluid ounces per 1000 gallons of system water (50 to 300 ppm BUSAN 1174). Extremely fouled systems should be cleaned to remove excess algal growth, excessive biofilm, and other deposits prior to program initiation. Subsequent additions of 0.58 to 17.4 fluid ounces of BUSAN 1174 per 1000 gallons of system water (5 to 150 ppm BUSAN 1174) should be made to maintain control.

AIR WASHER SYSTEMS: BUSAN 1174 may be used to control microbiological fouling in industrial airwash systems. Extremely fouled systems should be cleaned prior to addition of BUSAN 1174. When systems are noticeably fouled, BUSAN 1174 should be added at an application rate of 5.8 to 46.4 fluid ounces per 1000 gallons of system water (50 to 400 ppm BUSAN 1174) daily until control is evident. Subsequent additions of 5.8 to 29 fluid ounces per 1000 gallons of system water (50 to 250 ppm BUSAN 1174) should be added as needed to maintain control.

METALWORKING FLUID SYSTEMS: BUSAN 1174 may be used to prevent microbial degradation and fouling in metalworking fluid systems. BUSAN 1174 should be added tank-side to the system at 11.6 to 116 fluid ounces per 1000 gallons of dilute fluid (100 to 1000 ppm product) as needed to maintain control. Systems with excessive fouling should be cleaned prior to initiating the program.

FIRE WATER PROTECTION SYSTEMS: BUSAN 1174 can be added to help control microorganisms which may foul or cause corrosion in fire water protection systems. BUSAN 1174 should be added to the system at a point where it will be adequately distributed throughout the system. BUSAN 1174 should be fed to maintain 100 to 400 ppm of product in the system. This will require an initial dose of 11.6 to 46.4 fluid ounces per 1000 gallons of water. Subsequent doses should be evaluated based on microbiological activity and product level testing.

ACCEPTED

JUN 15 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-397

Storage and Disposal

PESTICIDE STORAGE: Do not contaminate food or feed by storage, disposal or cleaning of equipment. Do not store or transport in unlined metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: METAL CONTAINERS: 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. **PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL: CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

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. 1448-397
 Product Weight 9.0 lbs/gal 1.04 kg/l
 Net contents are marked on the container.

HMIS / NPCA Ratings

Health 3 Flammability 1 Reactivity 1

Last Revision 4/22/2004

1448-397

06/15/2004