CHEMICIDE BIO3BD for Control of Algae and Algal Slime Growth in Industrial and/or Commercial Recirculating Cooling Water Towers.

**ACTIVE INGREDIENTS:**
- n-Alkyldimethylbenzyl ammonium chloride ........................................... 84.00%
- Dimethyldimethylbenzyl ammonium chloride ........................................ 16.00%

**INERT INGREDIENTS:**
- Total: ........................................................................................................ 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. IF ON SKIN OR CLOTHING: 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: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate the use of gastric lavage.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. Keep out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing, and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARD**

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 discharging 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use near heat, open flame, or in car. Do not mix with soap, anionic detergents or oxidizers.

**CHEMICIDE BIO3BD**

This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchangers and cooling water systems, industrial and commercial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

**INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER TOWERS, RETORT WATER SYSTEMS, EVAPORATIVE CONDENSERS, HEAT EXCHANGE WATER SYSTEMS, INFLENT SYSTEMS**

(Not Retort Water Systems use site not applicable in California.)

**DIRECTIONS FOR USE**

This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchangers and cooling water systems, industrial and commercial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

1. **DOSE:** This product is to be applied at a point in the system where it will be uniformly mixed, such as at the sump.

2. **DOSE CONDITIONS:** This product must be applied when the system is in peak operating condition and after cleaning systems where efficiency is already impaired.

3. **METHOD OF APPLICATION:**
   - **INTERMITTENT OR SLUG METHOD**
     - Initial Dose: When the system is noticeably fouled, apply 16 to 32 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of water in the system. Repeat until control is achieved.
     - Subsequent Dose: When microbial control is evident, add 4 to 12 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of water in the system. Apply half of this initial dose when half of the water in the system has been by blown down.
     - Subsequent Dose: When control of microbial growth is evident, apply 4 to 12 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of water in the system. Apply half of this initial dose when half of the water in the system has been by blown down. Badly fouled systems must be cleaned before treatment is begun.
   - **CONTINUOUS FEED METHOD**
     - Initial Dose: When the system is noticeably fouled, apply 16 fluid ounces (20 ppm on an active quaternary basis) per 1000 gallons of water in the system. Apply half of this initial dose when half of the water in the system has been by blown down. Badly fouled systems must be cleaned before treatment is begun.

**DISTRIBUTED BY:**

U.S. Water Services
12270 43rd Street NE
St. Michael, MN 55376

**NET CONTENTS:**
- 5 Gal. (40 lbs.)
- 15 Gal. (120 lbs.)
- 30 Gal. (245 lbs.)
- 55 Gal. (445 lbs.)
- 275 Gal (2225 lbs.)

**LOT #:** ESL 090512

**APPROVED**


**EPA Reg. No.** 10324-46-8072
**EPA Est. No.** 80721-WA-001
**SETI# 090512**

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal. (For all containers up to and including 5-gal. use.)

**PESTICIDE STORAGE:** Store in original containers and place in locked storage area. Keep from freezing.

**SPILL OR LEAK PROCEDURES:** Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained and the material then moved into containers and disposed of by approved methods for hazardous wastes.

**PESTICIDE DISPOSAL:** Do not apply to land not to be used for food or animal feed, to waters, or to surface or subsurface waters. 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 or Federal Environmental Control agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not refill or reuse container. Triple rinse as follows: Fill container ⅓ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill. (Note: For use on containers greater than 5 gallons)

**PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper 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:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). Triple rinse container (or equivalent) after emptying. Offer for recycling if available or puncture and dispose in a sanitary landfill; or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions.

**RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container ⅓ full with water. Replace and tighten container. Do not contain in its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds then stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or into a mix tank or store rinsate for later use or disposal. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.