BIOTROL BT
A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE FOR TREATING INDUSTRIAL RECIRCULATING COOLING WATER AND ONE-THROUGH COOLING WATER SYSTEMS, AIR CONDITIONER CONDENSATE, PULP & PAPER MILL WATER SYSTEMS FOR BACTERIAL SLIME (ONLY).

ACTIVE INGREDIENT:
BROMOCHLORO-5,5-DIMETHYLHYDANTOIN:..................... 98%
OTHER INGREDIENTS:................................................. 2%
TOTAL: ........................................................................ 100%

KEEP OUT OF REACH OF CHILDREN
DANGER
CORROSIVE AND STRONG OXIDIZER

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 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 center 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 center or doctor for further treatment advice.

If swallowed:
Call a 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.

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. Eye contact may cause loss of vision, irritation to nose and throat. May be fatal if inhaled. Harmful if absorbed through skin or swallowed.

Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles with side-shields, face shield, or safety glasses; protective clothing and chemical-resistant gloves. Wear a respirator with an organic vapor and/or a dust mask, as required. Use a respirator with an organic vapor and/or a dust mask, as required.

Use with adequate ventilation. Do not smoke, drink, or eat when handling. Keep container tightly closed when not in use. Do not ship with foods, feeds, drugs, or clothing.

USER SAFETY RECOMMENDATIONS:
Users must remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PERSONAL PROTECTION EQUIPMENT (PPE):
- Applications and other handlers must wear:
- Coversalls worn over long-sleeved shirt and long pants.
- Chemical-resistant footwear plus socks.
- Goggles or face shield.
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, butyl rubber, or polyvinylchloride (PVC) and latex).
- For mixing/loading: Wear a chemical-resistant apron.
- For cleaning equipment: Wear a chemical-resistant apron.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and aquatic organisms.

CHEMICAL AND PHYSICAL HAZARDS
Strong oxidizer, mix with water only. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases and, possibly, fire or explosion. Do not add to dispersants or other equipment that is not dry and clean of any chemical remnants. Does not burn, but will decompose, from about 320°F (160°C), releasing toxic gases. Avoid comminution and dusting.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS
Used effectively at treatments to achieve exposures to one part per million (ppm) of 'active' residual bromine to control algal, bacterial and fungal slime in industrial cooling towers; influent water systems, e.g. flow-through filters, and lagoons, etc.; heat-exchange water systems; industrial water scrubbing systems; brewery and canning pasteurizers and industrial air-washing systems equipped with a mist eliminator.

Treatment rates:
- Initial treatment: When noticeably fouled, add 2-6 lbs. of this product per 10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of 'active' residual bromine is established for at least 4 hours.

- Subsequent treatment: When microbial control is evident, add 1-3 lbs. of this product per 10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

ON-PHOTOTHERMAL INDUSTRIAL COOLING WATER SYSTEMS
Used for the control of algal, bacterial and fungal slimes, by adding to the system inlet, or before any other contaminated area in the system, in once-through and closed-cycle fresh and sea water cooling systems; cooling ponds; canals; and lagoons.

Treatment rates:
- Initial treatment: When noticeably fouled, add 2-6 lbs. of this product per 10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of 'active' residual bromine is established for at least 4 hours.

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Treatment rates:
- Initial treatment: When noticeably fouled, add 2-6 lbs. of this product per 10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of 'active' residual bromine is established for at least 4 hours.

SUBSEQUENT TREATMENT: When microbial control is evident, add 1-3 lbs. of this product per 10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

ORNAMENTAL FOUNTAINS
See treatment rates for industrial recirculating cooling water systems.

AIR CONDITIONER CONDENSATE
Place tablet in condensate line dispenser. Check once every six months or as required. The fill of the tablet will vary depending upon atmospheric conditions and indoor air temperature requirements.

PULP AND PAPER MILL, WATER SYSTEMS
This product is intended for use as a sanitizer for the process water used in the manufacture of paper and paperboard products that do not contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

Treatment by system volume:
When a system is noticeably fouled: add 0.086 to 0.98 pounds (or 12 to 120 ppm) of this product to 1,000 gallons of water in the system. When biological control is evident: add 0.09 to 0.24 pounds (or 12 to 90 ppm) of this product to 1,000 gallons of water in the system.

Treatment by residual method:
Add sufficient product to maintain a measured residual up to 5 ppm as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm as bromine.

An alternative method of calculating the appropriate level of this product is to estimate the mill's daily production, then add, over a 24-hour period, up to 589 grams (1.27 pounds) of this product per dry ton of paper produced over a 24-hour period. Test for bromine to verify the level of 5 ppm is not being exceeded.

SPILLS
When handling or dealing with spills, use impact-resist goggles with side-shields, or face shield, body-covering clothes, including impervious/chemical-resistant gloves and boots, use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. If drum contents are contaminated or decomposing, do not reuse container; isolate unsealed drum in the open in a well-ventilated area, flood with large volumes of water if necessary.

IN CASE OF FIRE:
Do not use ammonium phosphate extinguishers near water and this product. Hazardous reactions may occur.

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

PESTICIDE STORAGE
Store in a dark, cool [below 60°F (32°C)], dry, well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, strong bases and moisture.

PESTICIDE DISPOSAL:
Pesticide wastes are acutely hazardous. Improper disposal of aquatic pesticides, spray mixtures, 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 HANDLING:
Non-refillable container. Do not reuse or relabel this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment of mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour insolts into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

EPA Reg. No. 88714-4-71675
EPA Est. No. 74922-GA-01
LOT#: .................................................. NET CONTENTS: 50 lbs
TRANSPORTATION:
Transportation Emergency (Spill) Tel: 800-255-3924
ChemTel