

Reg # 5785-100

PM-32

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501 BT

For Use as a Disinfectant, Sanitizer, Bactericide, Slimicide, and Algicide in Recirculating Cooling Water Systems and for Control of Microbial Slimes in Heat Exchangers, Industrial Water Scrubbing Systems, Brewery Pasteurizers, Industrial Air Washers and Commercial Air Conditioners and Dehumidifier Basins and Drip Pans

Active Ingredient:

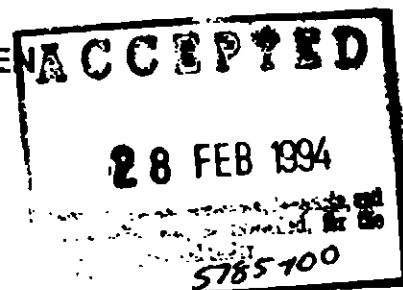
1-Bromo-3-chloro-5,5-dimethylhydantoin .....	89.5%
Inert Ingredients .....	10.5%
TOTAL .....	100%

Available Bromine: 59.2%

Available Chlorine: 26.3%

KEEP OUT OF REACH OF CHILDREN

DANGER



Statement of Practical Treatment

IF SWALLOWED: Seek medical attention promptly. Do not induce vomiting. Do not drink alcohol. Drink at least 8 ounces of water (not to exceed 0.23 oz. per pound in a child).

IF ON SKIN: Remove contaminated clothing immediately. Brush off excess chemical and wash skin with large volumes of soap and water, flushing the skin with water for at least 15 minutes. If skin irritation develops, seek medical attention.

IF DUST INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth.

FOR EYE CONTACT: Irrigate eyes with large volumes of room temperature water for at least 15 minutes, then seek medical attention promptly.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

NET WEIGHT \_\_\_\_\_

EPA REG. NO. 5785-100

LOT NO. \_\_\_\_\_

EPA EST. NO. 5785-MI-1

GREAT LAKES CHEMICAL CORPORATION  
P O BOX 2200  
WEST LAFAYETTE, IN U.S.A. 47906

GLK-100-E

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Prolonged contact with dust may cause skin burns and irreversible eye damage. Harmful or fatal if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

This product 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 State Water Board or Regional Office of EPA.

### PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Mix only with water. Use clean, dry utensils and equipment. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire and explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, hazardous gases and possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. If necessary, flood with large volumes of water.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

**Storage.** Keep product dry in tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat, open flames, organic chemicals and sunlight. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**Disposal.** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **DO NOT REUSE EMPTY CONTAINER.** Triple rinse the container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities. If burned, stay out of smoke.

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**RECIRCULATING COOLING WATER SYSTEMS.** When used as directed, 501 BT effectively control algal, bacterial, and fungal slimes in commercial and industrial cooling towers, cooling ponds, influent water systems including flow through filters, heat exchangers, industrial water scrubbing systems, brewery pasteurizers and industrial air washers equipped with mist eliminators.

**EVAPORATIVE COOLER.** When used as directed, 501 BT effectively control algal, bacterial, and fungal slimes.

#### DOSAGE RATES

**INITIAL DOSE.** When system is noticeably fouled, add 0.2 to 0.6 lbs/1000 gallons (0.24 to 0.72 kg/10,000 L) of water contained in the system. Repeat initial dosage until a 0.5 to 3.0 ppm (mg/L) bromine residual is established for at least 4 hours.

**SUBSEQUENT DOSE.** When microbial control is evident, add 0.1 to 0.3 lbs/1000 gallons (0.12 to 0.36 kg/10,000 L) of water contained in the system. Repeat as needed to maintain a 0.5 to 3.0 ppm bromine residual for at least 4 hours.

**COMMERCIAL AIR CONDITIONER AND DEHUMIDIFIER BASINS OR DRIP PANS.** When used as directed, 501 BT control microbial slimes in areas where water collects.

#### DOSAGE RATES

Place 501 BT in the basin or drip pan close to the outlet drain. Use one or more tablets as necessary to maintain the cleanliness of the system. The number of tablets needed will vary with temperature, humidity, and condensate volume.

A 501 BT tablet weighs 6 oz. (170 grams).

**NOTE:** Seller warrants that this product complies with the specifications expressed in this label. Seller makes no other warranties; and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. Seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.

