

pm32

5785-100

175

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (73-787) WASHINGTON, DC 20480 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 5785-100	DATE OF ISSUANCE FEB 28 1991
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT 501 BT	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Great Lakes Chemical Corporation
 P.O. Box 2200
 West Lafayette, IN 47906

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - Add the phrase "EPA Registration No. 5785-100."
3. The accelerated storage and stability data at 50 °C for 30 days is acceptable on an interim basis. The results of 12 months storage stability data should be received by the Agency within 15 months after the granting of registration.
4. Submit a revised Confidential Statement of Formula and in block 13 enter the amounts of each component.
5. On the front panel change "Recirculating Water Systems" to "Brewery Pasteurizers" since this is the only use for which directions are provided.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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Pringle 2-26

6. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

3 of 5

501 BT

For Use as a Disinfectant, Sanitizer,
Bactericide, Slimicide, and Algicide in
Recirculating Water Systems

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%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

DANGER

FEB 28 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registration under FIFRA No.

5785-100

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.

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-_____

LOT NO. _____

EPA EST. NO. 5785-MI-1

GREAT LAKES CHEMICAL CORPORATION
WEST LAFAYETTE, IN 47906

4.85

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER. CORROSIVE. Causes eye and skin damage. May be fatal if swallowed. 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. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES permit. For guidance, contact your 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.

BREWERY PASTEURIZERS. When used as directed, 501 BT effectively controls algal, bacterial, and fungal slimes in brewery pasteurizers.

DOSAGE RATES

INITIAL DOSE. Add 0.1 to 0.6 lbs/1000 gallons (0.24 to 0.72 kg/10000 L) of water treated to maintain a 0.5 to 3.0 ppm (mg/L) bromine residual in the treated water. Repeat the initial dosage until a 0.5 to 3.0 ppm (mg/L) bromine residual is established in the treated water for at least four hours.

SUBSEQUENT DOSE. When microbial control is evident, add 0.1 to 0.3 lbs 501 BT per 1000 gallons (0.12 to 0.36 kg/10000 L) of water contained in the system. Repeat as needed to maintain one to three ppm (mg/L) residual in the treated water for at least four hours.

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.