

The presence of foam in recirculating cooling towers impairs the performance of the unit. Loss of heat transfer and pressure fluctuations are two of the problems encountered when foam is present in the recirculating water system.

One of the possible causative agents is the microbiocide added to control algae and algae slimes. ~~Low-Foam Water Treatment Microbiocide~~, by design, is a low foaming microbiocide. When used as directed, ~~Low-Foam Water Treatment Microbiocide~~ will control algae and algae slimes found in recirculating cooling tower waters and not introduce a foam problem.

~~Low-Foam Water Treatment Microbiocide~~ helps clean and loosen slime debris from cooling system surfaces. When used in slug doses, no other microbiocides are required.

~~Low-Foam Water Treatment Microbiocide~~ is economical to use because it is concentrated. It should be handled with care.

Precautionary Statements

Hazards to Humans

DANGER

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Treatment effluent should not be discharged where it will drain into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. For guidance contact regional EPA office.

PHYSICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL

PESTICIDE THAT CANNOT BE USED, OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

CONTAINER DISPOSAL

DISPOSE OF IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS. BURY IN A SAFE PLACE OR RETURN TO DRUM RECONDITIONER.

SLIMEX H

Twin-Chain Quaternary Ammonium Compound Concentrate
Low Foam Water Treatment Microbiocide
for Building and Industrial Cooling Towers

REGISTERED WITH COMMENTS in EPA Letter Dated:

Active Ingredients

Diocetyl dimethyl ammonium chloride

25%

Inert Ingredients

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2601-17

75%

100%

KEEP OUT OF REACH OF CHILDREN.

DANGER

Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR

ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 2601 6828-60
 Net Weight 400 lbs
 Net Volume 55 gals
 EPA est. No. 5601-04-1

Manufactured By:

Lonze Inc., 22-10 Route 208, Fair Lawn, N.J. 07410
 CHARDON LABORATORIES INC., CLEVELAND, OHIO 44127

BY MAINTENANCE PERSONNEL ONLY

Directions for use
GENERAL CLASSIFICATION

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

To control algae and algae slimes, use ~~Low-Foam Water Treatment Microbiocide~~ as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of ~~Low-Foam Water Treatment Microbiocide~~ follow this procedure.

1. Initially use 16 fluid ounces per 1,000 gallons of water to be treated (60 ppm active quaternary). Should the above dosage not give satisfactory results, use 21 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.
2. When the above treatment level is successful, use 6 to 9 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, return to initial dosage.

Cooling tower waters that are inherently low in algae growth may be adequately controlled by the lower range of these dosages; slug feed every seven days.

Dilute the appropriate amount of ~~Low-Foam Water Treatment Microbiocide~~ in 1 to 2 gallons of water then add to the sump of the tower. Note, this product weighs 7.72 lbs. per gallon (at 20°C).

Should tower be heavily fouled, a pre-cleaning is required.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (777-367) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	21 OCT 1982
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
Gordon Laboratories, Inc. 530 Central Expressway Columbus, OH 43224		
<p>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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement 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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(1)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or file all data required for reregistration/re-registration of your product under FIFRA sec. 3(c)(5) 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: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 8091-17." b. For the label size submitted, the SOURCE AND DISPOSAL heading and the label phrase "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (which shall only be used) would require an 18 point type size minimum. c. Correct the spelling of the word "base" (upper left panel). d. Add the phrase "Hazardous to humans" to read "Hazardous to humans and known to animals." 		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

EPA Form 8570-6 (Rev. 3-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

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9601-17

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- e. Revise the entire Environmental Hazard statement to read:

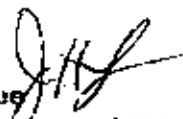
ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

- f. Delete the letter "n" from the statement "active ingredients" since only one active ingredient is declared.
- g. Correct the spelling of the word "inconsistent" (upper right panel).
- h. According to our calculations, 16 oz per 1000 gallons at 25% active ingredient doesn't equal 60 ppm active. We recommend you recheck all your use dilutions (entire Directions for Use).
3. As per phone conversation between the Agency and Mr. Hildebrand on October 13, 1982 the following clarifications have been made to your Confidential Statement of Formula:
- a. Adjustment to the microbicide to read 500 pounds (Block #18) and 50% (Block #19) in order that the Confidential agrees with the label.
- b. Adjustment to the solvent system to read 500 pounds (Block #18) and 50% (Block #19) to account for the above microbicide readjustment.
4. 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 sec. 6(f). Your release for shipment of the product constitutes acceptance of these conditions.

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

John H. Lee 
Product Manager (31)
Disinfectants Branch

Enclosure

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