



5011

2. Add product directly from drum or add the product at a point where it will be mixed uniformly.
3. 1.28-12.8 fluid ounces (1-10 ppm on an active (quantenary basis) per one thousand gallons.
4. Do not discharge without performing proper deactivation. To perform deactivation use Bentonite Clay. The minimum ratio to be used is 5 ppm of clay 1 ppm of product.
5. Do not use product more than 4 times a year.
6. Treatment time can not exceed 120 hours/application.
7. Avoid oxidizers and reducing agents.
8. Product is cationic and should not be mixed with soap or anionic surfactants.

3. 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(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely,



Marshall Swindell  
Acting Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosures

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND  
DOMESTIC ANIMALS

**DANGER**

Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Avoid contamination of food.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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 discharge. Do not discharge 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 or store near heat or open flame.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Do not store on side.

**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:** Triple rinse (or equivalent) all containers and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**BARQUAT MOLLUSCICIDE 50**

For the Control of Mollusks and Algae, Bacterial and Fungal slimes in Once-Through and Closed-Cycle Fresh and Sea Water Cooling Systems and as a Slimicide for Pulp and Paper Mills

**Active Ingredient:**

Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%) ..... 50.0%  
dimethyl benzyl ammonium chloride ..... 50.0%  
**Inert Ingredients:** ..... 50.0%  
**Total** ..... 100.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

For Eyes and Skin: Flush with plenty of water for at least 15 minutes. (Eyelid must be held open). Call a physician immediately. Remove contaminated clothing and wash before reuse.

If swallowed, immediately give 3-4 glasses of milk; if unavailable, give water. Do not induce vomiting. Call a physician.

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

See Side Panel For Additional Precautionary Statements

FOR HELP IN A CHEMICAL EMERGENCY CALL CHEMTREC 800-424-9300  
BEFORE USING CONSULT MATERIAL SAFETY DATA SHEET

**EPA Registration No.** ..... 6836-  
**EPA Establishment No.** ..... 6836-IL-1  
**Net Contents**

Manufactured by:  
LONZA INC.  
17-17 Route 208  
Parsippany, New Jersey 07410

**ACCEPTED**

JUN 2 1981

Under the Federal Insecticide,  
Fungicide and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 6836-214

It is a violation  
in a manner incor

FOR THE CONTROL  
When used as di  
to effectively  
macrofouling sp  
mussels in coame  
once-through co  
systems, brewery  
and waste water  
be made with a  
continuously or  
the degree of sy  
BACTERIAL, FUNGA  
AUXILIARY AND WA  
INITIAL DOSE:  
initial dosage o  
system water (2  
level of contr  
systems must be  
SUBSEQUENT DOS  
maintenance do  
MOLLUSCICIDE 50  
(5-20 ppm) week  
Apply BARQUAT MO  
where it will be  
as the tower sum  
MACROFOULING C  
COOLING WATER AN  
INITIAL DOSE:  
such as clams,  
fluid ounces o  
gallons of sys  
necessary to ach  
SUBSEQUENT DOSE:  
fluid ounces o  
gallons of sys  
maintain control  
ONCE-THROUGH COO  
INTERMITTENT FE  
INITIAL DOSE:  
add BARQUAT MOL  
fluid ounces pe  
based on syste  
period should be  
to achieve contr  
SUBSEQUENT DOSE:  
MOLLUSCICIDE 50  
per 1,000 gallon  
flow rates on a  
Frequency of m  
monitoring progr  
ONCE-THROUGH COO  
CONTINUOUS FEED  
INITIAL DOSE:  
add BARQUAT MO  
fluid ounces pe  
based on syste  
needed control  
SUBSEQUENT DOSE:  
through continu  
a dosage of 0.05  
water (0.2-2 ppm

BARQUAT MOLLUSCICIDE 50 ONLY

**BEST AVAILABLE**

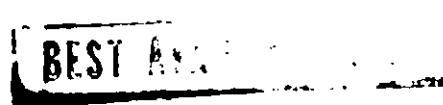
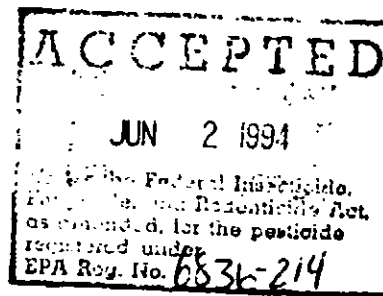
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DIRECTIONS FOR USE (CON'T)

Do not apply to potable or domestic water systems. Do not use water containing residues from use of this product to irrigate crops used for food or feed. Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within 1/4 mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

Paper Manufacturing (for Control of bacteria, fungi and algae)

BARQUAT MOLLUSCICIDE 50 can be used as a slimicide in the manufacture of paper and paperboard that contacts food. Apply 0.05-10 gallons of BARQUAT MOLLUSCICIDE 50 per ton of paper produced. Alternatively, apply 0.1-20 gallons of BARQUAT MOLLUSCICIDE 50 per 100,000 gallons of white water to be treated (0.5 - 100 ppm). Additions of BARQUAT MOLLUSCICIDE 50 should be made at a point in the system where mixing action is good.



7/5/9