


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

BEST AVAILABLE COPY

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**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 80

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 ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%)	80.0%
dimethyl benzyl ammonium chloride	
Inert Ingredients	20.0%
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
17417 Route 208
Fair Lawn, New Jersey 07410

JUN 2 1984

6836-215

It is a violation of...
in a manner inconsi...

FOR THE CONTROL OF
When used as direct...
to effectively con...
macrofouling speci...
mussels in commerc...
once-through coolin...
systems, brewery pa...
and waste water...
be made with a me...
continuously or on...
the degree of syste...
BACTERIAL, FUNGAL,
AUXILIARY AND WASTE
INITIAL DOSE: Ad...
initial dosage of...
of system water (20...
level of control...
systems must be pre...
SUBSEQUENT DOSE:
maintenance dosag...
MOLLUSCICIDE 80
(5-20 ppm) weekly
Apply **BARQUAT MOLLU**
where it will be un...
as the tower sump.
MACROFOULING CONT
COOLING WATER AND W
INITIAL DOSE: For...
such as clams, b...
fluid ounces of...
gallons of system...
necessary to achiev...
SUBSEQUENT DOSE: W...
fluid ounces of...
gallons of system...
maintain control.
ONCE-THROUGH COOLIN
INTERMITTENT FEED
INITIAL DOSE: Whe...
add **BARQUAT MOLLUSC**
fluid ounces per l...
based on system...
period should be 6...
to achieve control.
SUBSEQUENT DOSE: W...
MOLLUSCICIDE 80 at...
per 1,000 gallons o...
flow rates on an a...
Frequency of feed...
monitoring program...
ONCE-THROUGH COOLIN
CONTINUOUS FEED
INITIAL DOSE: Whe...
add **BARQUAT MOLLUSC**
fluid ounces per l...
based on system fl...
needed control is a...
SUBSEQUENT DOSE: M...
through continuous...
a dosage of 0.03-0...
water (0.2-2 ppm) b...

BARQUAT MOLLUSCICIDE
ONLY

BEST AVAILABLE COPY

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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 80 can be used as a slimicide in the manufacture of paper and paperboard that contacts food. Apply 0.032 - 6.25 gallons of BARQUAT MOLLUSCICIDE 80 per ton of paper produced. Alternatively, apply 0.064 - 12.5 gallons of BARQUAT MOLLUSCICIDE 80 per 100,000 gallons of white water to be treated (0.5 - 100 ppm). Additions of BARQUAT MOLLUSCICIDE 80 should be made at a point in the system where mixing action is good.

6836-215
JUN 2 1994
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