

Baird
WE HAVE MOVED

22-10 ROUTE 208
FAIRLAWN, N. J. 07410
TELEPHONE 201 - 791-7500

CHEMICAL INDUSTRIES, INC.

K, N. Y. 10016, TEL. 689-9830 Cable Address: BAIRD-CHEM

Registered Label for BARQUAT MB-80

BARQUAT MB-80

Active Ingredients: Alkyl* Dimethyl Benzyl Ammonium-----80%

Chloride

*(C₁₄, 50%; C₁₂, 40%; C₁₆, 10%)

Ethanol-----20%
100%

55 Gallons/Net Weight 425 pounds

USDA Reg. No. 6836-14

DANGER:

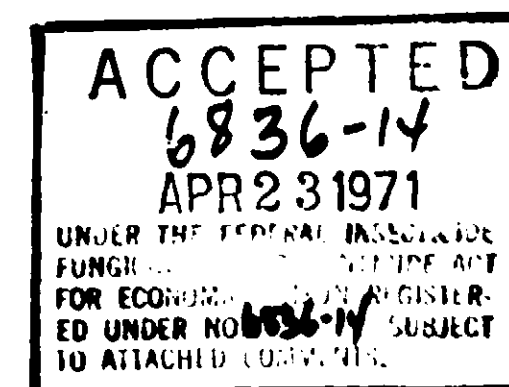
- 12 pt. type*
- Keep out of the reach of children.
 - Causes severe eye and skin damage.
 - Do not get in eyes, on skin or on clothing.
18 pt. type Wear goggles or face shield and rubber gloves when handling.
 - Harmful or fatal if swallowed. Avoid contamination of food.

FIRST-AID:

- In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, get medical attention. Remove and wash contaminated clothing before re-use. If swallowed, do not induce vomiting. Drink large quantities of liquids, and call a physician.

For Manufacturing Use Only - See Technical Bulletin for Recommended Uses.

BAIRD CHEMICAL INDUSTRIES, INC. - FAIR LAWN, N.J. - PEORIA, ILLINOIS -
OSSINING, N. Y. ✓



	<u>MB-50</u>	<u>MB-80</u>
Specific Gravity @ 25° C	0.944 (7.86 lbs./gal)	0.886 (7.38 lbs./gal)
Average Molecular Weight	359.6	359.6
pH (10% Solution in distilled water)		6.3 - 8.3

Solubility- Freely soluble in water, lower alcohols, ketones, and glycols.

Compatibility- BARQUAT MB-50/80 is compatible with inorganic detergent builders, organic chelates, nonionic surface active agents, and most polar solvents. BARQUAT MB-50/80 is cationic and therefore incompatible with soap or anionic surface active agents.

USDA Registration Number- 6836-2 6836-14

Antimicrobial Properties-
Phenol Coefficient:

Phenol coefficients of BARQUAT MB-50/80 were determined in accordance with the procedure described in the Official Methods of Analysis, A.O.A.C., 10th Ed., 1965, pp 80-82, para. 5.001 - 5.006. In the following table, Phenol coefficient values and 10 Minute Killing Dilutions for BARQUAT MB-50/80 are described on an active quaternary basis.

<u>Organism</u>	<u>ATCC#</u>	<u>10 Minute Killing Dilution</u>		
		<u>MB-50/80</u>	<u>Phenol</u>	<u>Phenol Coefficient</u>
Staphylococcus aureus	6538	1:47,500	1:60	792
Salmonella typhosa	6539	1:62,500	1:80	781
Escherichia coli	11229	1:35,000	1:90	390
Pseudomonas aeruginosa	15442	1:24,000	1:80	300
Proteus vulgaris	9920	1:30,000	1:90	333
Streptococcus mitis	6249	1:24,000	1:70	347

AOAC Use Dilution Test

The Use Dilution Confirmation procedure for determining the maximum effective dilution for use as a disinfectant is in the Official Methods of Analysis, A.O.A.C., 10th Ed. 1965, pp 82-84, para. 5.007-5.011. The following describes the effective disinfectant concentrations for BARQUAT MB-50/80 on an active quaternary basis.

<u>Organism</u>	<u>ATCC #</u>	<u>EFFECTIVE CONCENTRATION (ppm)</u>
Staphylococcus aureus	6538	400
Salmonella choleraesuis	10708	400
Pseudomonas aeruginosa	15442	800

Hard Water Tolerance

In the AOAC Germicidal and Detergent Sanitizer Method (Official Methods of Analysis, 10th Ed. 1965, pp 87-89, para. 5.023-5.032), use solutions containing 200 ppm active BARQUAT MB-50/80 are effective for milk and food utensil sanitization in waters containing up to 550 ppm (32 grains/gal) hardness.

Paragraph 121.2547 of the Federal Register has now unconditionally cleared BARQUAT MB-50/80 for use at 200 ppm active quaternary in dairies, homes, canneries, food processing plants, restaurants, etc. Under this clearance, a potable water rinse is no longer required after sanitization of food utensils and food processing equipment.

Recommended Use Levels

<u>Application Area</u>	<u>Recommended Use Levels of Active Quat</u>
Hospital Areas Disinfection	800 ppm
General Disinfection	400 ppm
General Sanitization	200 ppm
Algae Control for Swimming pools	Initial dose: 2ppm, followed by a maintenance dose of 0.5 ppm every 5-7 days

Product Registration

Disinfectant and sanitizer products containing Quaternary Ammonium Compounds, which are shipped in interstate commerce, must be registered with the U.S. Department of Agriculture. Applications for registration must be accompanied by 5 copies of your proposed label, and should be sent to the Pesticide Registration Section, Pesticide Regulations Division, U.S. Department of Agriculture, Washington, D.C. Some state agencies also require similar registrations.

The Lonza Technical Service Department can assist you with regard to your product registration.

Handling Precautions

DANGER: Keep out of reach of children. 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.

FIRST AID: 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, do not induce vomiting, drink large quantities of fluid and call a physician immediately.

The information contained herein is believed to be correct. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent.

FREMONT 9015 MICROBIOCIDE will control algae and bacterial slimes found in recirculating cooling tower waters. FREMONT 9015 MICROBIOCIDE helps clean and loosen slime debris from cooling system surfaces. When used in slug doses, no other microbiocide is required. Begin treatment when the system is in jeopardy of becoming effected or after cleaning systems whose efficiency is already impaired.

FREMONT 9015 MICROBIOCIDE is economical to use because it is concentrated. It should be handled with care.

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.

FIRST AID:

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.

FREMONT 9015 MICROBIOCIDE

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

Active Ingredients

Didecyl dimethyl ammonium chloride	10%
Isopropyl alcohol	4%

Inert Ingredients

86%
100%

EPA Establishment No. 7053-MN-1

EPA Registration No. 7053-16

NET WEIGHT

NET VOLUME

FREMONT INDUSTRIES, INC.
Box 67, Shakopee, Minnesota 55379

DANGER

KEEP OUT OF REACH OF CHILDREN. SEE
LEFT PANEL FOR ADDITIONAL PRECAU-
TIONARY STATEMENTS.

USE DIRECTIONS

To control algae and bacterial slimes, use FREMONT 9015 MICROBIOCIDE as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of FREMONT 9015 MICROBIOCIDE, follow this procedure.

Initially use 30 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary).

Should the above dosage not give satisfactory results, use 45 fluid ounces per 1000 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 10 to 15 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed.

Should slime develop again, go back to initial dosage.

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

Dilute the appropriate amount of FREMONT 9015 MICROBIOCIDE in 1 or 2 gallons of water then add to the sump of the tower.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or treated water.

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

Do not reuse empty drum. Return to drum reconditioner or rinse well with soap solution and discard. Do not contaminate water by disposal of waste.

JAN 13 1975
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PESTION REGISTERED
ED UNDER NO. 7053-16 SUBJECT
TO ATTACHED COMMENTS

ACCEPTED

DANGER

Keep out of reach of children. Corrosive. Causes eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling. Harmful if swallowed. Avoid contamination of food. When the Cadco Kleen container is empty, rinse out thoroughly before disposal.

FIRST AID

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. 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.

NET CONTENT

CADCO KLEEN

TERGENT
ANITIZER
ODORANT

ACTIVE INGREDIENTS:

nAlkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride.....	4.0%
Sodium Carbonate	3.0%
INERT INGREDIENTS: *	93.0%

* this formula contains dye, essential oil and water.

DIRECTIONS FOR USE ON BACK PANEL

DANGER KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. SEE ANTIDOTE STATEMENT AND OTHER PRECAUTIONS ON THE LEFT SIDE PANEL.

MANUFACTURED BY CADCO, INC. DES MOINES, IOWA 50322

CADCO KL
containing
builders. 7
most effici
deodorizing

CADCO KL
thoroughly
lavatories,
telephones,
shower sta
houses, hog
dairy equip
bodies, hog