

ACCEPTED  
 NOV-21-1973  
 UNDER THE FEDERAL INSECTICIDE  
 CONTROL ACT  
 FOR THE YEAR 1973-1974

# LONZA

## BARQUAT<sup>®</sup> MX-50

FOR THE MANUFACTURE, REPACKAGING OR FORMULATION OF MICROBIOCIDES

Active Ingredients: Alkyl (C<sub>14</sub> 60%, C<sub>16</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%) Dimethyl Benzyl

Ammonium Chloride.....	50%
Isopropyl Alcohol.....	5%
Inert Ingredients: Water.....	45%
	100%

55 Gallons/Net Weight 440 pounds

EPA Reg. No. 6836-36

### 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 as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

See Product Information Bulletin for Recommended Uses

**DO NOT REUSE CONTAINER.  
 DESTROY WHEN EMPTY**

LONZA INC. - FAIR LAWN, N. J. - MAPLETON, ILLINOIS

# PRODUCT INFORMATION

**BARQUAT<sup>TM</sup>**  
**MX-50**  
**BARQUAT<sup>TM</sup>**  
**MX-80**

## CHEMICAL PROPERTIES

### Active ingredients:

Methyl (C<sub>14</sub> 60%, C<sub>16</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%) dimethyl benzyl  
 ammonium chloride

Isopropanol

### Inert Ingredients:

Water

Total

BARQUAT  
 MX-50      MX-80

50%	80%
5%	20%
45%	
100%	100%

## PHYSICAL PROPERTIES

Specific Gravity, @ 20°C

0.964 (8.05 lbs./gal.)	0.940 (7.85 lbs./gal.)
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Color, Gardner Scale

I	I
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Viscosity, Gardner Scale @ 20°C

I-I	K-I
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## EPA REGISTRATION NUMBERS

6836-36	6836-35
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## BIOLOGICAL PROPERTIES

OPICAPM

Staphylococcus aureus  
 Salmonella choleraesuis  
 Escherichia coli  
 Pseudomonas aeruginosa

## AOAC TESTS

Use Dilution (100% basis)      Hard Water Tolerance

MX 50/80

100 ppm  
 100 ppm  
 100 ppm

50 ppm hardness

(0.5%)

## APPLICATIONS-GENERAL

BARQUAT MX 50 and BARQUAT MX-80 (BARQUAT MX-50/80) have been designed to perform against a broad spectrum of organisms, in hard water conditions, in sanitizers and disinfectant formulations. BARQUAT MX-50/80 contains the active ingredient for products that serve the farm, home, hospitals, institutions, restaurants and industry as sanitizer-cleaners, disinfectants, and germicides.

## RECOMMENDED USE LEVELS

<u>Application Areas</u>	<u>Recommended Use Levels</u>
General Disinfection	500 (ppm active ingredient)
General Sanitizing	200
Hospital Disinfectant	800

## PRODUCT REGISTRATION

Disinfectant and sanitizer products containing Quaternary Ammonium Compounds, which are shipped in interstate commerce, must be registered with the Environmental Protection Agency. Applications for registration must be accompanied by 5 copies of your proposed label, and should be sent to the Pesticide Regulations Division, Environmental Protection Agency, Washington D.C. 20250. Some state agencies also require similar registrations.

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

## HANDLING PRECAUTIONS

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Lonza makes no warranty, expressed or implied, in connection with the use of this product other than indicated above. Buyer assumes all risks of use and handling of this material when such use and handling is contrary to label instructions. No statement is intended or should be construed as a recommendation to infringe any existing patent.