



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

6836-270

JAN 07 1998

Term of Issuance:

Conditional

Name of Pesticide Product:

BARQUAT 42Z-10F

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.
17-17 Route 208
Fair Lawn, NJ 07410

Note: Changes in labeling 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 EPA registration number.

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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. ", 6836-270.
 - b. This formulation is cleared for by the Federal Food, Drug, and Cosmetic Act for use on food contact surfaces.

Signature of Approving Official:

Date:

Velma Noble
Velma Noble
Product Manager 31

JAN 07 1998

Regulatory Management Branch I

CONCURRENCES

SYMBOL: Antimicrobials Division (7510C)

SURNAME: 8570-6

DATE

EPA Form 1320-1A (1/90)

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- c. When listing organisms which are killed by this product, you must always use the organism's complete scientific name, genus and species, which may be followed by shortened/abbreviated name in parenthesis.

Page 2: 1st column, 3rd paragraph, list the organisms, staph and strep, complete scientific name.

- d. Page 2: Under the headings, "Disinfection in Hospitals, Nursing Homes, and Other Healthcare Institutions" and "Disinfection in Institutions, Industry, and Schools", the following statement needs to be added to these sections.

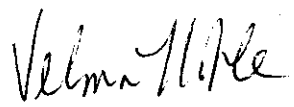
"Treated surfaces must remain wet for 10 minutes. Wipe or allow to air dry."

- e. Page 3: The heading, "Barquat 42Z-10F is intended for Industrial Use Only," conflicts with the Directions For Use heading which states ".... for Hospitals, Institutional, Industrial, School, Dairy and" This heading needs to be revised to concur with the "Directions For Use" heading.

3. Submit two copies of the revised final printed label for the record.

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.

<p>Signature of Approving Official:</p> <p></p> <p>Velma Noble Product Manager 31 Regulatory Management Branch I Antimicrobials Division (7510C)</p>	<p>Date:</p> <p>JAN 07 1999</p>
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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER. Corrosive. Causes eye damage and skin irritation. May be 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.

FIRST AID

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

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.

(For container sizes of 5 gallons or larger, use the following Environmental Hazards statement:)

ENVIRONMENTAL HAZARDS

This pesticide 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.

BARQUAT 42Z-10F

Disinfectant-Sanitizer-Fungicide-Deodorizer for Hospital, Institutional, Industrial, School, Dairy and Other Farm Use and for the Control of Mollusks and Algal, Bacterial and Fungal Slimes in Once-Through and Closed-Cycle Fresh and Sea Water Cooling Systems

Active Ingredients:

Alkyl (C ₁₄ , 60%; C ₁₆ , 30%; C ₁₂ , 5%; C ₁₈ , 5%)	5.0%
Dimethyl Benzyl Ammonium Chloride	

Alkyl (C ₁₂ , 68%; C ₁₄ , 32%)	5.0%
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Dimethyl Ethylbenzyl Ammonium Chloride	
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Inert Ingredients:	<u>90.0%</u>
	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY
AND FIRST AID STATEMENTS

EPA Reg. No. 6836-

EPA Est. No. 6836-IL-1

Net Contents (insert appropriate size here)

Manufactured by:

LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JAN - 7 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 6836-270

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions and industry. BARQUAT 42Z-10F has been formulated to aid in the reduction of cross-contamination in these areas.

BARQUAT 42Z-10F is a disinfectant cleaner that is effective against a broad spectrum of bacteria and inhibits the growth of mold and mildew and their odors when used as directed.

BARQUAT 42Z-10F kills germs in 10 minutes; effective against pseudomonas, staph and strep.

BARQUAT 42Z-10F is recommended for use in hospitals, medical and dental offices, nursing homes, public rest rooms, institutions, schools, colleges, veterinary clinics, animal life science laboratories, athletic facilities, food processing plants, food storage areas, kitchens, restaurants and bars, airports, transportation terminals, hotels and motels.

This product contains no phosphorous.

BARQUAT 42Z-10F can be used with a mop and bucket, trigger sprayers, sponge, or by soaking.

BARQUAT 42Z-10F provides effective cleaning strength that will not dull most metal-interlock floor finishes, and does not require a rinse prior to recoat.

BARQUAT 42Z-10F maximizes labor results by effectively controlling odors.

BARQUAT 42Z-10F cleans, shines, deodorizes and disinfects hard nonporous surfaces. Inhibits the growth of mold and mildew, leaving bathrooms & kitchens clean and fresh.

BARQUAT 42Z-10F is recommended for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures, and toilet bowls.

DIRECTIONS FOR USE

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

Apply use solution of BARQUAT 42Z-10F with a cloth, mop or coarse mechanical spray device. Treated surfaces must remain wet for 10 minutes. Wipe or allow to air dry. Fresh solution should be prepared daily or when the use solution becomes Visibly dirty.

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DISINFECTION IN HOSPITALS, NURSING HOMES AND OTHER HEALTH CARE INSTITUTIONS.

For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces. Add 1 oz. BARQUAT 42Z-10F per gallon of water. Apply to previously cleaned hard surface with mop or cloth. At this use-level, BARQUAT 42Z-10F is effective against *Pseudomonas aeruginosa*.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

DISINFECTION IN INSTITUTIONS, INDUSTRY AND SCHOOLS.

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard, non-porous surfaces. Add 0.6 oz. of BARQUAT 42Z-10F per gallon of water. Apply to previously cleaned hard surface with mop or cloth. At 0.6 oz. per gallon of water use-level, BARQUAT 42Z-10F is effective against *Staphylococcus aureus* and *Salmonella choleraesuis*.

Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations.

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces. Wash and rinse all articles thoroughly, then apply a solution of 1 oz. BARQUAT 42Z-10F in 4 gallons of water (200 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon dilution of BARQUAT 42Z-10F. No potable water rinse is required.

Farm Use

The udders, flanks and teats of dairy cows can be sanitized by washing with solution of 1 oz. BARQUAT 42Z-10F in 4 gallons of warm water.

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

FOR THE CONTROL OF MOLLUSKS, BACTERIA, FUNGI AND ALGAE

When used as directed, BARQUAT 42Z-10F helps to effectively control algae, bacteria, fungi and macrofouling species such as clams, barnacles, and mussels in commercial and industrial recirculating and once-through cooling water systems, influent water systems, brewery pasteurizers, auxiliary water systems and waste water systems. Product addition should be made with a metering pump. Product may be fed continuously or on an intermittent basis depending on the degree of system fouling and retention time.

BACTERIAL, FUNGAL, AND ALGAE CONTROL IN RECIRCULATING AUXILIARY AND WASTE WATER SYSTEMS, AND PASTEURIZERS

INITIAL DOSE: Add BARQUAT 42Z-10F at an initial dosage of 1-2 gallons per 5,000 gallons of system water (200-400 ppm). Repeat until the desired level of control is achieved. Heavily contaminated systems must be pre-cleaned.

SUBSEQUENT DOSE: Once control is achieved, add maintenance dosages of 1-4 quarts BARQUAT 42Z-10F per 5,000 gallons of system water (50-200 ppm) weekly or as needed to maintain control. Apply BARQUAT 42Z-10F to a point in the system where it will be uniformly mixed and distributed, such as the tower sump.

MACROFOULING CONTROL IN RECIRCULATING AUXILIARY COOLING WATER AND WASTE WATER SYSTEMS

INITIAL DOSE: For the control of macrofouling growth such as clams, barnacles, and mussels, add 0.08-0.80 lbs. of BARQUAT 42Z-10F per 1,000 gallons of water (10-100 ppm). Repeat as necessary to achieve control.

SUBSEQUENT DOSE: When control is evident, add 0.08-0.40 pounds of BARQUAT 42Z-10F per 1,000 gallons of system water (10-50 ppm) as needed to maintain control.

ONCE-THROUGH COOLING WATER SYSTEMS INTERMITTENT FEED

INITIAL DOSE: When the system is noticeably fouled, add BARQUAT 42Z-10F at a dosage of 0.08-0.80 pounds per 1,000 gallons of water (10-100 ppm) based on system flow rates. The minimum treatment period should be 6 to 24 hours. Repeat as necessary to achieve control.

SUBSEQUENT DOSE: When control is evident, add BARQUAT 42Z-10F at a dosage of 0.04-0.40 pounds per 1,000 gallons of water (5-50 ppm) based on system flow rates on an as needed basis to maintain control. Frequency of feed should be tied to an in-plant monitoring program for macrofouling growth.

ONCE-THROUGH COOLING WATER SYSTEMS CONTINUOUS FEED

INITIAL DOSE: When the system is noticeably fouled, add BARQUAT 42Z-10F at a dosage of 0.04-0.40 pounds per 1,000 gallons of water (5-50 ppm) based on system flow rates. Continue to feed until needed control is achieved.

SUBSEQUENT DOSE: Maintenance control can be effective through continuous feed of BARQUAT 42Z-10F at a dosage of 0.016-0.16 pounds per 1,000 gallons of water (2-20 ppm) based on system flow rates.

BARQUAT 42Z-10F IS INTENDED FOR INDUSTRIAL USE ONLY

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 ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

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(For container sizes of one gallon or less, use the following storage and disposal statements.)

STORAGE AND DISPOSAL

Do not store on side.

Store in an area inaccessible to children and pets.

Avoid creasing or impacting of side walls.

Do not reuse empty container.

Wrap container and put in trash.

(For container sizes greater than one gallon, use the following storage and disposal statements.)

STORAGE AND DISPOSAL

- Do not contaminate water, food or feed by storage and disposal.
- Do not store on side.
- Store in an area inaccessible to children and pets.
- Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticides 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 Hazardous Waste representative at the nearest EPA regional Office for guidance.

CONTAINER DISPOSAL

(Plastic Container:)

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

(Metal Container)

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

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