

MAR 10 2010

Joanna Holcombe
Sr. Commercial Regulatory Service Associate
Lonza inc.
90 Boroline Road
Allendale, NJ 07401

Subject: Barquat 42Z-10F
EPA Registration No. 6836-270
Amendment Dated: Dec 10, 2009
EPA Received Date: Dec 11, 2009

Dear Joanna Holcombe

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable.

Proposed Amendment

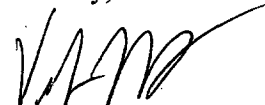
- Revised Storage and Disposal
- Add optional barcode, statements
- Update company address

General Comments

A stamped copy of the accepted labels are enclosed for your records. Submit (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit revised labeling for review by the agency. Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch 1
Antimicrobial Division (7510P)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

BARQUAT® 42Z-10F

Disinfectant-Sanitizer-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 (C₁₄, 60%; C₁₆, 30%; C₁₂, 5%; C₁₈, 5%)
- Dimethyl Benzyl Ammonium Chloride 5.0%
- Alkyl (C₁₂, 68%; C₁₄, 32%)
- Dimethyl Ethylbenzyl Ammonium Chloride 5.0%
- Other Ingredients: 90.0%
- Total: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY
AND FIRST AID STATEMENTS

EPA Reg. No. 6836-270

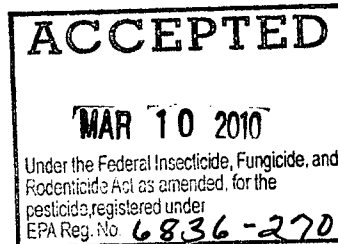
EPA Est. No. 6836-IL-1

Net Contents (insert appropriate size here)

[Country of origin (insert country)]

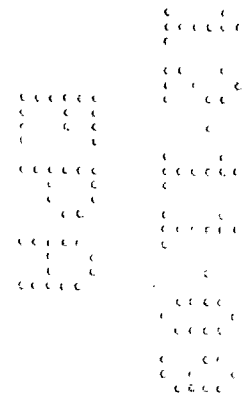
[Manufactured in (insert country)]

[Barcode]



This formulation is cleared for by the Federal Food, Drug, and Cosmetic Act for use on food contact surfaces

Manufactured by:
LONZA INC., 90 Boroline Road, Allendale, NJ 07401



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or faceshield), protective clothing, and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

(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.

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 bacteria in 10 minutes; effective against *Pseudomonas*, *Staphylococcus aureus* and *Salmonella enterica*.

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.

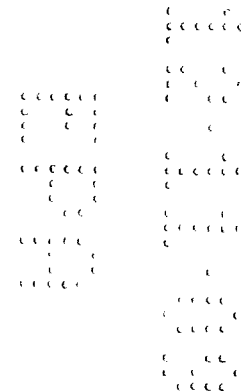
BARQUAT 42Z-10F can be used with a mop and bucket, trigger sprayers, sponge, or by soaking.

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 a recommended for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures.



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 must be prepared daily or when the use solution becomes visibly dirty.

Deodorizing: Apply 0.6 oz per gallon of water to hard nonporous surfaces. Allow surfaces to air dry.

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

(Note to reviewer: Only One of the following two statements will be used:)

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 preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

or

This product is not for use on medical device surfaces.

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

Farm Premise Use

Remove all animals and feeds from premises, animal transportation vehicles, crates, enclosures such as coops and crates. Remove all litter, droppings, and manure from the floors, walls, and surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 3 1/2 oz. of concentrate per 4 gallons of water for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waters with soap or detergent, and rinse with potable water before reuse.

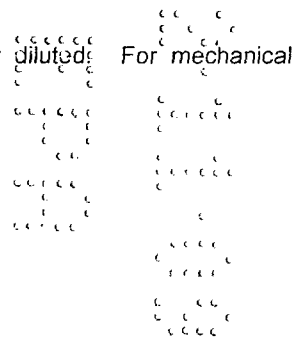
Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations.

Use product to sanitize hard, nonporous surfaces of food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sinks, counters, refrigerated storage and display equipment and other hard, nonporous surfaces.

Prior to application, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner then follow with a potable water rinse.

Apply use solution of 1 oz per 4 gallons of water (200 ppm active) to hard, nonporous surfaces by thoroughly wetting surfaces with cloth, mop, sponge, sprayer, or by immersion. Surfaces must remain wet for 60 seconds (one minute). Allow surfaces to drain and air dry. No potable water rinse is required.

Prepare a fresh solution daily or more often if the use solution becomes visibly soiled or diluted. For mechanical applications, the use solution may not be reused for sanitizing applications.



SANITIZING DAIRY COWS UDDERS, FLANKS, AND TEATS

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 must 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 precleaned.

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 must 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

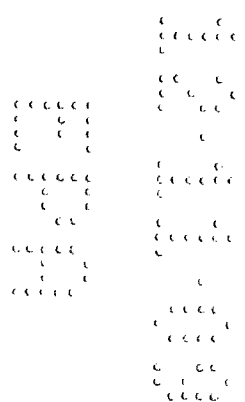
INITIAL DOSE: When the system is noticeably fouled, add BARQUAT 42Z-10F at a dosage of 0.04-0.40 pounds per 1,000 gallons of water (5-50 ppm) based on system flow rates. Continue to feed until needed control is achieved.

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 HOSPITAL, INSTITUTIONAL, INDUSTRIAL, SCHOOL, DAIRY AND OTHER FARM 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.



(Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses – all sizes – No Reuse Rinsate Statement for Public Health Use products)

STORAGE AND DISPOSAL

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

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

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:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

(Plastic and Metal Containers:) Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(For metal containers only: DO NOT cut or weld metal containers.)

(For Bag in Box Containers:) Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

