

PM 31

6836-57  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

7/8/99

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

JUL 08 1999

Subject: Barquat 42Z-10  
EPA Registration No. 6836-57  
Amendment Dated September 29, 1998  
Response to Letter Dated April 20, 1999

Attn: Ruth Trager  
Manager, Regulatory Services

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, are acceptable for A-1005 Peppermint Fragrance and A-5016 Rose Fragrance. The Confidential Statement of Formula (CSF) is cleared for use in pesticide formulations.

A stamped copy of the label is enclosed for your records. The word "Fungicide" should be removed from the label since the new formulation tested against Trichophyton mentagrophytes did not pass the testing requirements. Please submit one (1) copy of the finished printed label before this product is released for shipment.

If you have any questions concerning the comments in this letter you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



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

## CONCURRENCES

SYMBOL	7510W						
SURNAME	Z. Jones						
DATE	6-24-99						

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes eye damage and skin irritation. 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. Wash thoroughly with soap and water after handling.

#### 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.

(if container is 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.

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

#### STORAGE AND DISPOSAL

Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap empty container and discard 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.
- Avoid creasing or impacting of side walls.

#### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray or mixture of 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

(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.

## BARQUAT 42Z-10

One-Step Disinfectant- Fungicide-Virucide\*  
Deodorizer for Hospital, Institutional, Industrial, School,  
Dairy and Other Farm Use

#### Active Ingredients:

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

Alkyl (C<sub>12</sub>, 68%; C<sub>14</sub>, 32%) 5.0%

Dimethyl Ethylbenzyl Ammonium Chloride

Inert Ingredients: 90.0%  
100.0%

KEEP OUT OF REACH OF CHILDREN

### DANGER

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY  
STATEMENTS AND FIRST AID

EPA Reg. No. 6836-57

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:  
JUL 7 8 1999  
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Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **BARQUAT 42Z-10** has been formulated to aid in the reduction of cross-contamination in these areas.

**BARQUAT 42Z-10** a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal\* (including HIV-1) when used as directed.

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

**BARQUAT 42Z-10** 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-10** is a no-rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor-saving step.

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

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

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

**BARQUAT 42Z-10** Cleans, shines, deodorizes and disinfects hard nonporous surfaces.

**BARQUAT 42Z-10** 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-10** with a cloth, mop or coarse mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. 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.

#### **DISINFECTION IN HOSPITALS, NURSING HOMES AND OTHER HEALTH CARE INSTITUTIONS, INDUSTRY AND SCHOOLS.**

For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails, bathroom fixtures and other hard nonporous surfaces.

Add 1 oz. **BARQUAT 42Z-10** per gallon of water.

At this use-level, **BARQUAT 42Z-10** is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis*, *Staphylococcus aureus* - Methicillin Resistant (MRSA), *Enterococcus faecalis* - Vancomycin Resistant (VRE), Hepatitis B Virus (HBV) and Human Immunodeficiency Virus Type 1 (HIV-1).

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.

This product, when used on hard, nonporous, inanimate environmental surfaces at 1 oz. per gallon of water for a 10 minute contact (5% organic soil), is effective against Hepatitis B Virus (HBV). This product also kills Human Immunodeficiency Virus Type 1 (HIV-1) after a 30 second contact time.

#### **\*KILLS HIV-1 and HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/**

**BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of HIV-1 or HBV.

#### **SPECIAL INSTRUCTIONS FOR CLEANING OR DECONTAMINATING AGAINST HIV-1 AND HBV OR SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. -**

**PERSONAL PROTECTION:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gown, masks or eye coverings

**CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant.

**CONTACT TIME:** Leave surfaces wet for 30 seconds for HIV-1 and 10 minutes for HBV. Use a 10 minute contact time for all other bacteria listed.

**DISPOSAL OF INFECTIOUS MATERIAL:** Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious medical waste disposal.

#### **DISINFECTION OF BARBER TOOLS**

Pre-cleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 1 oz./gallon solution of **BARQUAT 42Z-10**.

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**DISINFECTION OF POULTRY EQUIPMENT, ANIMAL QUARTERS AND KENNELS.** Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 1 oz. BARQUAT 42Z-10 per gallon of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals. After disinfection, ventilate building, coops and other closed spaces. Do not house poultry, or other animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

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