

6836-56

9/24/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 24 2003

Mr. Robert J. Sloan  
Sr. Regulatory Services Associate  
Lonza, Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Subject: Barquat 42-10  
EPA Registration No. 6836-56  
Application Date: 7/7/03  
Receipt Date: 7/8/03

Dear Mr. Sloan:

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

- Update the First Aid Statements, Precautionary Statements and Storage and Disposal Statements

**LABEL COMMENTS**

1. Expand the "Disinfection of Barber Tools" by adding the following directions: manicure/pedicure tools and clippers. Completely immerse instruments and tools for at least 10 minutes. Rinse thoroughly and dry before use. Fresh solution should be prepared daily or more often if solution becomes cloudy or soiled.

2. The Agency has re-evaluated the toxicity categories for this product as follows:

Primary Eye	Tox I
Primary Skin	Tox I
Acute Inhalation	Tox III
Acute Dermal	Tox III
Acute Oral	Tox III

**GENERAL COMMENTS**

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

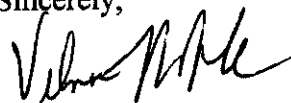
**CONCURRENCES**

SYMBOL	7510C						
SURNAME	[Signature]						
DATE	9-23-03						

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Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



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

**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 face shield) and protective gloves (rubber or chemical resistant) when handling. Harmful if swallowed. Avoid contamination of food.

**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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS**

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 42-10**

Disinfectant-Sanitizer-Fungicide

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> , 50%; C <sub>14</sub> , 30%; C <sub>16</sub> , 17%; C <sub>18</sub> , 3%).....	5.0%
Dimethyl Ethylbenzyl Ammonium Chloride	
Other Ingredients.....	90.0%
Total.....	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See (left) (right) (side) (back) panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-56

EPA Est. No. (insert EPA Est. No here)

Net Contents (insert container size here)

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 24 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 6836-56

**DIRECTIONS FOR USE**

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

Apply BARQUAT 42-10 with a cloth, mop or coarse mechanical spray device until surface is thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or sponge or allow to air dry. Fresh solution should be prepared daily or more often if the use-solution becomes visibly dirty.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes as a disinfectant.

**DISINFECTION IN HOSPITALS, NURSING HOMES AND OTHER HEALTH CARE INSTITUTIONS.** For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard nonporous surfaces.

Add 4.5 oz. BARQUAT 42-10 to 5 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, BARQUAT 42-10 is effective against *Pseudomonas aeruginosa*.

*(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.

**DISINFECTANT IN INSTITUTIONS, INDUSTRY AND SCHOOLS.** For disinfecting floors, walls, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard nonporous surfaces.

Add 3 oz. of BARQUAT 42-10 to 5.5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 3 oz. per 5.5 gallon use-level, BARQUAT 42-10 is effective against *Staphylococcus aureus* and *Salmonella choleraesuis*.

**FUNGICIDAL ACTIVITY** - At 7.5 oz. per 5 gallons use level BARQUAT 42-10 is effective against *Trichophyton mentagrophytes* (athlete's foot fungus) on inanimate, hard surfaces.

**DISINFECTION OF BARBER TOOLS** - Precleaned barber tools (such as combs, brushes, razors and scissors) can be disinfected by immersing in a 0.5 oz. per gallon solution of BARQUAT 42-10.

**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 3 oz. BARQUAT 42-10 to 5.5 gallons 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 vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other 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 the recommended disinfecting solution for 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.

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.

Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

**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 42-10 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. For mechanical application, use solution may not be reused for sanitizing applications.

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 42-10. **Do not rinse.**

At 1 oz./4 gallons, BARQUAT 42-10 fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinances 1978 Recommendations of the U.S. Public Health Services in waters up to 850 ppm of hardness calculated as CaCO<sub>3</sub> when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. BARQUAT 42-10 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.

*(If container size is 1 gallon or less, the following storage and disposal statements will be used:)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not reuse empty container. Discard in trash or recycle.

*(If container size is greater than gallon, the following storage and disposal statements will be used:)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Do not store on side. Avoid creasing or impacting of side walls.

**Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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 containers):* 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 way of smoke.

*(Metal Containers:)* Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.