

6836-2

10-30-2007

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

OCT 30 2007

Mr. Eliot Harrison  
Agent for Lonza, Inc.  
Lewis & Harrison  
122 C Street, NW Ste. 740  
Washington, DC 20001

Subject: Barquat MB-50  
EPA Registration No.: 6836-2  
Amendment Date: January 25, 2007  
EPA Receipt Date: January 25, 2007

Dear Mr. Harrison,

The amendment submitted in connection with registration under FIFRA section 3(c)(7)(A) is acceptable with the conditions listed below.

- Add new use sites, Air Filters for vacuum cleaners and surfactant for cleaning products

**Conditions**

Revise the label as follows

Delete the use site, surfactant for cleaning products. This active ingredient is clearly established as having bactericidal, virucidal, and fungicidal properties at a wide range of concentrations. It would be false and misleading to classify this active as only a cleaning agent in other pesticide formulations.

**Occupational Exposure Assessment**

Based on the intended use of this active ingredient to treat filter media for vacuum cleaners, the short term and intermediate term occupational handler exposures were evaluated. It is assumed that there are no residential exposures since the product is used to treat filter media during the manufacturing process. Post-application inhalation exposures to ADBAC are not expected because the vapor pressure of ADBAC is extremely low, and post application dermal exposures are not expected to occur because the filter media is formed via an automated process.

CONCURRENCES							
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SURNAME							
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Dermal occupational handler risks were not assessed based on the toxicity of the end-use product. Instead, dermal irritation exposures and risks will be mitigated using default personal protective equipment requirements. The minimum personal protective equipment required for mixers, loaders, and others exposed to end-use product containing concentrations of ADBAC that result in classification category I, II, or III for skin irritation will be long sleeve shirt, long pants, shoes, socks, chemical resistant gloves, and a chemical resistant apron. Once diluted, if the concentration of ADBAC in the diluted solution will result in classification of toxicity category IV for skin irritation, then the chemical resistant gloves and apron can be eliminated from application and others exposed to the dilute product.

Inhalation occupational handler exposure estimated the risks associated with liquid pouring of the chemical. The Margin of Exposure is 78, below the target of 100, most likely due to the high end estimate of the amount of material treated per day. This risk can be mitigated by indicating on the label that the system of applying the product to the filter media is handled by an automated process.

**General Comments**

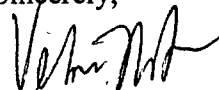
A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble

Product Manager (31)

Regulatory Management Branch I

Antimicrobials Division (7510C)

Enclosure: Stamped Label

Occupational Exposure Data Evaluation

CONCURRENCES

SYMBOL	SURNAME	DATE						

# Lonza

LONZA INC.  
90 BOROLINE ROAD  
ALLENDALE, NJ 07401  
EMERGENCY TEL: 309-697-7200

HEALTH	3
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

## BARQUAT® MB-50

For Formulation Into Antimicrobial Products

Active Ingredients: n-Alkyl (C<sub>14</sub>-50%, C<sub>12</sub>-40%, C<sub>16</sub>-10%) Dimethyl Benzyl Ammonium Chloride ..... 50.0%  
Other Ingredients: ..... 50.0%  
100.0%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

CAS NO: MIXTURE  
EPA Reg. No. 6836-2  
EPA EST. No. 6836-IL-1

**UN1903**  
DISINFECTANTS, CORROSIVE LIQUID,  
N.O.S.  
(ALKYL DIMETHYL BENZYL  
AMMONIUM CHLORIDE)

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER! CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled, swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Wear a dust mist filtering respirator (MSHA/NIOSH approval # prefix TC-21C). Wear protective eyewear, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

#### 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. Call a poison control center or doctor for treatment advice.  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
**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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth if possible. 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

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.

#### PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR FLAME!

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a concentrate for formulating purposes only. This product for formulation into antimicrobial products for use in/on Agricultural premises and equipment, Food Handling/storage establishment premises and equipment, Commercial, institutional and industrial premises and equipment, Residential and public access premises, Medical Premises and equipment, Industrial processes and water systems, Wood preservatives, and Swimming Pools. This product may also be used in the formulation of end-use products that are used to treat filters including woven media for vacuum cleaners. Formulators using this product are responsible for providing data for the EPA registration of their formulated products. This product may be used to formulate products for specific use(s) not listed on this label if the formulator or primary registrant has complied with U.S. EPA data requirements regarding the support of such use(s).

**NOTE:** This product should not be used or compounded with any reducing or oxidizing agents (such as calcium hypochlorite, solid perchlorate, or nitric acid) since such mixtures may be explosive. Do not use in conjunction with soap or any anionic wetting agent.

### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Do not store on side.

#### 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

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**OCT 30 2007**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **6836-2**

FOR HELP IN A CHEMICAL  
EMERGENCY CALL  
CHEMTREC 1-800-424-9300.

BEFORE USING  
CONSULT MATERIAL  
SAFETY DATA SHEET.

CODE NO. (P)

LOT NO. (S)

WEIGHT. (Q)

lb. kg.

NUMBER:

CONSHOHOCKEN, PA

FAIR LAWN, NJ

MAPLETON, IL

PASADENA, TX

WILLIAMSPORT, PA

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