

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

6836-248

DATE OF ISSUANCE

OCT 9 1996

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREГИSTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Lonza Barquat 1552-40%

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

PM-31

Reg # 6836-248

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

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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/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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment.

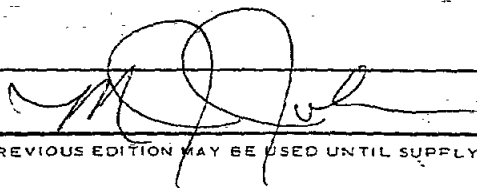
a. Add the phrase "EPA Registration No. 6836-248".

b. Revise the Directions for Use in "Swimming Pools and Spas" to "Swimming pools and Outdoor spas" only.

3. The Confidential Statement of Formula dated April 1, 1996 is in compliance with PR Notice 91-2, agrees with the label and is acceptable.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL



DATE  
OCT 9 1996

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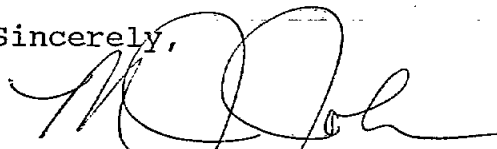
-2-

4. Submit one (1) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Sincerely,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosure

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Lonza Barquat 1552-40% is efficient, economical and stable in use dilution.

Lonza Barquat 1552-40% is compatible with most chemicals used in pool water and will not damage tile, concrete, metal or plastics.

Lonza Barquat 1552-40% keeps pool water free and sparkling, clear of visible green and bluegreen algae, slime and green brown colors.

Lonza Barquat 1552-40% improves filter operation and reduces need for other chemicals.

Lonza Barquat 1552-40% imparts tone and a pleasant "feel" to swimming pool water.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear safety glasses when applying. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**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.

**STORAGE AND DISPOSAL**

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

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 dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(If container is 1 gallon or less, use the container disposal statement.) Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

**LONZA BARQUAT 1552-40%  
SPA & SWIMMING POOL ALGAEICIDE  
BIOCIDE FOR PULP AND PAPER  
WATER SYSTEMS**

Outstanding Algae Growth Depressant

**Active Ingredients**

n-alkyl (C <sub>14</sub> , 60%; C <sub>16</sub> , 30%; C <sub>12</sub> , 5%; C <sub>18</sub> , 5%)	
dimethyl benzyl ammonium chloride.....	39.84%
n-dialkyl (C <sub>14</sub> , 60%; C <sub>16</sub> , 30%; C <sub>12</sub> , 5%; C <sub>18</sub> , 5%)	
methyl benzyl ammonium chloride.....	0.16%
<b>Inert ingredients</b> .....	<b>60.00%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

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

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

**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-*FUI* EPA Establishment No. 6836-IL-1

Net Contents

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 9 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
6836-248

**LONZA BARQUAT 1552-40%  
SPA & SWIMMING POOL ALGAEICIDE  
PULP AND PAPER WATER SYSTEMS**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 9 1996

DIRECTIONS FOR USE

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

labeling. Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the pesticide registered under EPA Reg. No. 6836-248

**SWIMMING POOLS AND SPAS**

Lonza Barquat 1552-40% should be added along pool edges while filter and pump are in operation. To provide time for even distribution in the pool water, bathers should wait a minimum of 15 minutes after Lonza Barquat 1552-40% addition before entering the pool.

For pools and spas with visible algae, add 16 fluid ounces of Lonza Barquat 1552-40% for every 10,000 gallons of water (5 ppm active quaternary). After 24 hours, remove dead algae by cleaning. If algae is still present, repeat dosage as necessary.

For initial treatment of clean pools and spas, add 6 to 10 fluid ounces of Lonza Barquat 1552-40% for every 10,000 gallons of water (2 to 3 ppm active quaternary). Maintenance additions of 2 to 3 fluid ounces per 10,000 gallons (0.5 to 1 ppm active quaternary) should be added every 7 days, or more frequently depending on water and use factors. A booster dose of 2 fluid ounces per 10,000 gallons (0.5 ppm active quaternary) should be provided after each rain.

**FOR WINTERIZATION**

1. Lonza Barquat 1552-40% aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service.
2. Test water for hardness, alkalinity, pH and the presence of metals. Take corrective action if necessary.
3. Superchlorinate the pool using a recommended winter shock treatment according to label directions.
4. Apply Lonza Barquat 1552-40% directly to the pool water, pouring along the edges of the pool. Use 16 fluid ounces per 10,000 gallons of water (5 ppm active quaternary) and allow to circulate 2 to 4 hours. Pools without covers may need a second treatment in mid-winter or just prior to freezing.
5. Clean pool piping and filter. In geographical areas that experience freezing, drain pool equipment and plumbing lines, or use an antifreeze recommended for swimming pool plumbing and equipment.

**PULP AND PAPER WATER SYSTEMS**

Lonza Barquat 1552-40% can be used as a slimicide in the manufacture of paper and paperboard that contacts food. Add Lonza Barquat 1552-40% to a point in the system that provides good distribution of the product.

Apply 0.06 to 12.5 gallons of Lonza Barquat 1552-40% per ton of paper produced. Alternatively, apply 0.12 to 25 gallons of Lonza Barquat 1552-40% per 100,000 gallons of white water to be treated (0.5 to 100 ppm active quaternary). Repeat dosage as often as necessary to maintain control.