

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: CORROSIVE.** Causes irreversible eye damage and burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses), protective clothing, and protective gloves (chemical or rubber). Harmful if swallowed, absorbed through the skin, or inhaled. Do not breathe vapor. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash 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.

*(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 store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.

*(If container is greater than one 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:** Store at ambient temperatures. Do not store on side. Avoid creasing or impacting of side walls. Keep container closed when not in use. Leaking or damaged containers should be placed in a plastic bag and discarded in trash. Mop up spills with clean water. All pesticides should be kept out of reach of children and away from food and feed.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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:**

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

**LONZA BARQUAT 1552-10%  
SPA & SWIMMING POOL  
ALGAECIDE**

**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 .....	9.96%
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 .....	0.04%
<b>Other Ingredients:</b> .....	<b>90.00%</b>
<b>TOTAL:</b>	<b>100.0%</b>

**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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

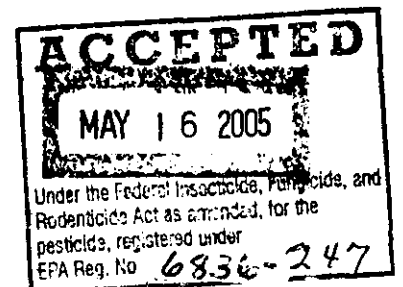
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

**SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No. 6836-247  
EPA Est. No. (Insert EPA Est. No. Here)  
Net Contents \_\_\_\_\_

Manufactured by:  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401



*Handwritten:* HIGHER COPY

- Lonza Barquat 1552-10% is efficient, economical and stable in use dilution.
- Lonza Barquat 1552-10% is compatible with most chemicals used in pool water and will not damage tile, concrete, metal or plastics.
- Lonza Barquat 1552-10% keeps pool water free and sparkling, clear of visible green and bluegreen algae, slime and green brown colors.
- Lonza Barquat 1552-10% improves filter operation and reduces need for other chemicals.
- Lonza Barquat 1552-10% imparts tone and a pleasant "feel" to swimming pool water.

### **DIRECTIONS FOR USE**

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

#### **SWIMMING POOLS AND OUTDOOR SPAS**

Lonza Barquat 1552-10% 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 1552-10% addition before entering the pool.

**INITIAL DOSE:** (visible algae present) Add **64 fluid ounces** per **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.

**INITIAL DOSE:** (no visible algae present) Add **26 to 39 fluid ounces** per 10,000 gallons of water (**2 to 3 ppm active quaternary**).

**MAINTENANCE DOSE:** Add **6 to 13 fluid ounces** per 10,000 gallons of water (**0.5 to 1 ppm active quaternary**) every 7 days or more frequently depending on water and use factors.

#### **FOR WINTERIZATION**

1. Lonza Barquat 1552-10% 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 1552-10% directly to pool water, pouring along the edges of the pool. Use **64 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.

### **FOR USE WITH THE BAQUACIL AUTOMATED DOSING SYSTEM**

#### **Start-Up:**

1. Unscrew the child resistant cap (keep this cap for the possible off-season storage of chemical) and connect to appropriate feed line for the automated system.
2. BAQUACIL Automated Dosing System will deliver an initial dose of 25 - 40 oz per 10,000 gallons to the pool water.
3. After about 24 hours, take a water sample to your Authorized BAQUACIL Dealer for complete water analysis.

#### **Normal Pool Maintenance:**

1. Once a week, check the BAQUACIL Sanitizer, using the BAQUACIL Test Strips.
2. BAQUACIL Automated Dosing System will deliver a daily dose of 0.5 – 2.0 oz per 10,000 gallons to the pool water. Make sure that the filter and circulation pump are working during the operation of the BAQUACIL Automated Dosing System.
3. Once a month take a water sample to your Authorized BAQUACIL Dealer for complete water analysis.

#### **End Of Season:**

Disconnect Lonza Barquat 1552-10% container from system and replace child resistant cap. Store in cool place, in upright position, away from direct sunlight and out of reach of children.

#### **Problem Solving And Supplemental Pool Information:**

If algae, cloudiness or pool problems develop consult your Authorized BAQUACIL Dealer.