

**BIOGUARD® BACK-UP® ALGAE INHIBITOR**

C-14 FORMULA\*

**ACTIVE INGREDIENTS:**

Alkyl (C<sub>14</sub>, 95%; C<sub>12</sub>, 3% C<sub>16</sub>, 2%) dimethyl  
benzyl ammonium chloride 30.0%

Alkyl (C<sub>12</sub>, 61%; C<sub>14</sub>, 23%; C<sub>16</sub>, 11%; C<sub>8</sub> & C<sub>10</sub>, 2.5%; C<sub>18</sub>, 2.5%)  
dimethyl benzyl ammonium chloride 10.0%

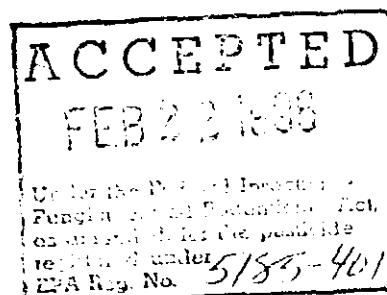
**INERT INGREDIENTS:**

60.0%

**TOTAL INGREDIENTS:**

100%

\*PATENT PENDING

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENTS OF PRACTICAL TREATMENT:** IF CONTACT WITH EYES OCCURS: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention. IF CONTACT WITH SKIN: Wash off chemical with soap and water and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. IF INHALED: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately. IF SWALLOWED: Drink large amounts of water. DO NOT induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. IN CASE OF MEDICAL EMERGENCY, CALL 1-303-623-5716.

See back panel for additional precautionary statements.

MANUFACTURED BY:  
BIOLAB, INC.  
DECATUR, GEORGIA

EPA REG. # 5185-401.  
EPA EST. # 5185-CA-1

NET WEIGHT

2011

## **INSTRUCTIONS FOR USE WITH HALOGEN BASED POOL SANITIZERS**

This product is formulated to complement most swimming pool sanitizers. This product is effective against the growth of algae. The wetting agent in this product allows it to penetrate small crevices where algae is likely to form. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases. This product supports your overall pool chemical maintenance program, offering a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear. This product protects the unattended pool when you're away (refer to "Vacation Treat" section in Directions For Use).

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Adjust chlorine residual to 1-3 ppm. In a chlorine treated pool, add stabilizer to establish a minimum level of 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. Check chlorine residual and adjust to 1-3 ppm. When using other products as outlined in directions for this product, always follow directions on those products.

**FOR AN INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED,**  
Pour 32 ounces (4ppm) directly into pool per 25,000 gallons of water.

**FOR ROUTINE MAINTENANCE: (ONLY ONE OR BOTH OF THESE STATEMENTS MAY BE USED)**

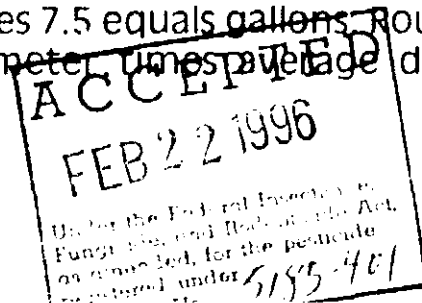
For weekly application intervals, use 1 ounce per 5,000 gallons of water (0.5ppm).

For two week application intervals, use 2 ounces per 5,000 gallons of water (1 ppm) every other week.

Following heavy rain showers, add an additional 1 ounce per 5,000 gallons.

**TO "VACATION TREAT" your pool (when away for one week or more):** add 4 ounces (2 ppm) of this product per 5,000 gallons for every week unattended. Pour product around the edges of the shallow end of the pool if shock is also being applied in the deep end of pool.

**TO DETERMINE POOL CAPACITY:** Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.



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**OPTIONAL INSTRUCTIONS FOR USE WITH NON-HALOGEN BASED POOL SANITIZERS**

This product is formulated to complement swimming pool water being treated with the BioGuard SoftSwim System. It is effective against the growth of algae. The wetting agent in this product allows it to penetrate small crevices where algae is likely to form. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases. The residual effectiveness of this product tends to stabilize the total chemical treatment system.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. When using other products as outlined in directions for this product, always follow directions on those products.

**FOR AN INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED,**  
Pour 32 ounces (4ppm) directly into pool per 25,000 gallons of water.

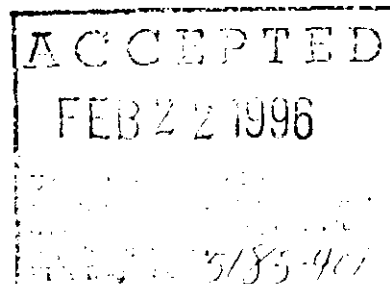
**FOR ROUTINE MAINTENANCE: (ONLY ONE OR BOTH OF THESE STATEMENTS MAY BE USED)**

For weekly application intervals, use 1 ounce per 5,000 gallons of water (0.5ppm).

For two week application intervals, use 2 ounces per 5,000 gallons of water (1 ppm) every other week.

Following heavy rain showers, add an additional 1 ounce per 5,000 gallons.

**TO DETERMINE POOL CAPACITY:** Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.



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**STORAGE AND DISPOSAL** Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. **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:** Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

#### **PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS** KEEP OUT OF REACH OF CHILDREN. DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse. For skin or eye contact, or if dust/fumes are inhaled, immediately follow statements of practical treatment on front label panel.

**PHYSICAL OR CHEMICAL HAZARDS** Do not mix with other chemicals. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with other chemicals may start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water.

**ENVIRONMENTAL HAZARDS** This pesticide is toxic to fish and aquatic organisms. 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.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

