

3377-64

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**Washington, D.C. 20460**

APR - 3 2007

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ann M. Oxford  
Manager, Regulatory Affairs  
Albemarle Corporation  
451 Florida Street  
Baton Rouge, LA 70801

Subject: Albemarle BQ451-1P Algicide  
EPA Reg. No.3377-64  
Application Dated: January 9, 2007  
Receipt Date: January 16, 2007

Dear Ms. Oxford,

The following amendment submitted in connection with registration under the section 3(c)(7)(a) of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended is acceptable.

**Proposed Amendment**

- Update label.

**General Comments**

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

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

		CONCURRENCES					
720c							
3/31/07							

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Albemarle 80451-1P Algicide label

# ALBEMARLE BQ451-1P ALGICIDE

Controls algae and algae slime growth in swimming pools to improve the appearance and cleanliness of pools during the swimming season and as a winterization package.

**ACTIVE INGREDIENT:**

n-Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)  
dimethyl benzyl ammonium chloride.....10.0%

**INERT INGREDIENTS:**.....90.0%

**TOTAL:**.....100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See left panel for additional precautionary statements

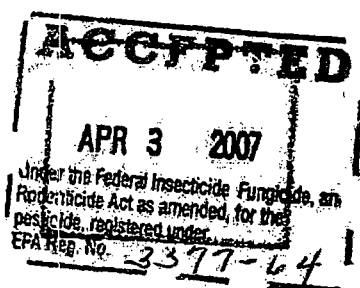
ALBEMARLE CORPORATION  
451 Florida St. Baton  
Rouge, LA 70801

In case of emergency endangering life or property involving this product, call collect (225) 344-7147

EPA Reg. No. 3377-64

EPA Est. \_\_\_\_\_

Net Contents: \_\_\_\_\_



PRECAUTIONARY STATEMENTS HAZARDS  
TO HUMANS & DOMESTIC ANIMALS  
**DANGER**  
**CORROSIVE**

Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Wear goggles or face shield and rubber gloves when handling. 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**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.

**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. Apply this pesticide only as specified on the label.

**DIRECTIONS FOR USE**

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

Albemarle 80451-1P Algicide is effective in controlling the growth of the following types of algae: *Chlorella pyreoidosa* (green algae), *Phormidium inumdatum* (blue-green algae) and *Phormidium ritzi*.

Ensure all equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH between 7.2-7.6. Check for heavy metals and if present, add stain and scale inhibitor to prevent staining of pool surface due to metals. For best results, pool should be free of algae before adding Albemarle 80451-1P Algicide. The filter should be circulating the pool water when adding the algicide. Add Albemarle 80451-1P Algicide directly to the pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding the algicide. During this period, swimmers/bathers should not be allowed in the water.

**Initial Application: Original filling or when algae are not visible:** Add one (1) quart of Albemarle 80451-1P Algicide per 12,500 gallons of pool water (2 ppm active quaternary).  
**Initial Application: If algae are visible:** Add four (4) quarts of the algicide per 12,500 gallons of pool water (8 ppm active ingredient) followed by cleaning out of dead, settled algae. Then add one (1) quart of algicide immediately following clean out to control further algae growth.

**Maintenance Dose Application:** Add one-half (1/2) pint of Albemarle 80451-1P Algicide per 12,500 gallons of pool water every three to five days.

**Booster Application:** Add two (2) quarts of Albemarle 80451-1P Algicide per 12,500 gallons of pool water when bather load is heavy or after prolonged rainfall.

**Winterization Application:** Add one (1) quart of Albemarle 80451-1P Algicide per 12,500 gallons of water (in treating water left in pool). This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in original container. Keep from freezing.

**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 instruction, 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 recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities.