



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

3377-64

JUN 08 2000

Term of Issuance:

Conditional

Name of Pesticide Product:

BQ 451-1P Algicide

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Albemarle Corporation  
451 Florida Avenue  
Baton Rouge, LA 70801

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 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 following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 3377-64".
3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release of the product for shipment constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this submission, you should contact Jacqueline Campbell at (703) 308-6416.

Signature of Approving Official:

Velma Noble  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Date:

JUN 08 2000

**PRECAUTIONARY STATEMENTS:  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear protective clothing and chemical resistant gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, if these are not available, drink large quantities of water. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probably mucosal damage may contraindicate the use of gastric lavage.

**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 public 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 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.

**STORAGE AND DISPOSAL**

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

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

**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>10</sub> ) dimethyl benzyl ammonium chloride .....	10.0%
<b>INERT INGREDIENTS:</b> .....	<b>90.0%</b>
<b>TOTAL:</b> .....	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



451 FLORIDA STREET  
BATON ROUGE, LA 70801

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

EPA Reg. No. 3377-  
EPA Est. No.

Batch No. ACCEPTED  
with COMMENTS Net Contents  
if EPA Letter Dated:

JUN 8 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 3377-64

**DIRECTIONS FOR USE**

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

Albemarle BQ451-1P Algicide is effective in controlling the growth of the following types of algae: *Chlorella pyreoidosa* (green algae), *Phormidium inundatum* (blue-green algae) and *Phormidium ritzii*.

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 BQ451-1P Algicide. The filter should be circulating the pool water when adding the algicide. Add Albemarle BQ451-1P Algicide directly to 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 into the water.

**Initial Application: Original filling or when algae are not visible:** Add one (1) quart of Albemarle BQ451-1P 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 (½) pint of Albemarle BQ451-1P Algicide per 12,500 gallons of pool water every three to five days.

**Booster Application:** Add two (2) quarts of Albemarle BQ451-1P 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 BQ451-1P 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.