

3377-56

8-30-2001

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801

AUG 30 2001

Subject: BQ 1455-P Algicide
EPA Registration No. 3377-56
Amendment Date: June 11, 2001
EPA Receive Date: June 20, 2001

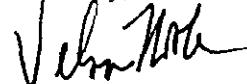
Attention: Ms. Ann Oxford

The amendment, referenced above, submitted in connection with registration under FIFRA, as amended, to add dyes and fragrances to the formulation and to revise the label by clarifying the use directions is acceptable provided you address the following comments before you release this product for shipment.

1. The Confidential Statements of Formulas for the basic and 29 alternate formulations dated June 11, 2001 are acceptable. They are in compliance with PR Notice 91-2 and in agreement with the label. The wider certified limits for the dyes and fragrances are approved.
2. On page 5, the claims, "Advanced Quat formula" and "Advanced formula," must be deleted because they are false and misleading according PR Notice 91-7. These claims imply that this product's formulation contains a higher percentage of active ingredient than other products on the market.

A stamped label is enclosed for your records. Please submit one (1) copy of the final printed label to the Agency before you release this product for shipment. If you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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ALBEMARLE® BQ1455P ALGICIDE

FOR USE TO CONTROL AND PREVENT ALGAE GROWTH AND TO MAINTAIN CLEAR
WATER IN SWIMMING POOLS

ACTIVE INGREDIENT:

N-Alkyl (95% C₁₄, 3% C₁₂, 2% C₁₆) dimethyl benzyl ammonium chloride..... 55.0%


INERT INGREDIENTS..... 45.0%

TOTAL:..... 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements

 **ALBEMARLE®**
CORPORATION
451 Florida Street
Baton Rouge, LA 70801

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

EPA Reg. No. 3377-56
EPA Est. 10324-IL-1, 71728-IL-1

Net Contents _____

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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Under the Federal Insecticide,
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amended, for the pesticide,
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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND 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 or inhaled. Do not breathe spray mist. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Harmful if absorbed through skin. 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 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 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 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 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

[for package sizes of 5 gallons or greater] 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. Do not use water containing residue from use of this product to irrigate crops used for food or feed.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Please read entire label and use strictly in accordance with precautionary statements and directions.

This product is formulated to complement most swimming pool sanitizers. BQ1455P Algicide is not a stand alone product, it must be used with either halogen based or non-halogen based pool sanitizers. 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).

INSTRUCTIONS FOR USE WITH HALOGEN BASED POOL SANITIZERS

This product is formulated to complement most swimming pool sanitizers. When using other products as outlined in Directions For Use for this product, always follow Directions For Use on those products.

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Albemarle BQ1455P Algicide label

This product is effective against the growth of algae. 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.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH 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 *[alternatively a specific product name may replace the "stain and scale inhibitor"]* to prevent staining of pool surface due to metals. Check chlorine residual and adjust to 1-3 ppm.

While the pump and filter are running, add BQ1455P Algicide directly into pool by pouring around edge or near return lines to insure rapid dispersion. To provide time for even distribution in the pool water, bathers should wait a minimum of 15 minutes after addition before entering the pool.

INITIAL APPLICATION WHEN ALGAE ARE VISIBLE:

1. Backwash the filter thoroughly
2. Vacuum algae debris to waste and thoroughly brush pool.
3. Pour 36 ounces (6 ppm) directly into pool per 25,000 gallons of water.
4. Brush the pool daily, or as needed, and vacuum accumulated dead algae to waste.
5. If algae are still present repeat steps 3 and 4.
6. Once algae are under control, clean filter and return to normal operation. (See Routine maintenance)

INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED, OR WHEN ALGAE ARE NOT VISIBLE: Pour 24 ounces (4 ppm) directly into pool per 25,000 gallons of water.

FOR ROUTINE MAINTENANCE: (ONE OR ANY OF THESE STATEMENTS MAY BE USED)

For weekly application intervals, use 1 ounce per 5,000 gallons of water.

For two week application intervals, use 2 ounces per 5,000 gallon of water 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 3 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.

[OPTIONAL INSTRUCTIONS FOR USE WITH NON-HALOGEN *[the term biguanide may be used to replace non-halogen]* BASED POOL SANITIZERS]

This product is formulated to complement swimming pool water being treated with *[one or more of the following may be used on the label:]* the BioGuard SoftSwim System, Bacquacil and other non-halogen *[or biguanide]* systems. When using other products as outlined in Directions For Use for this product, always follow Directions For Use on those products.

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.

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 *[alternatively a specific product name may replace the "stain and scale inhibitor"]* to prevent staining of pool surface due to metals.

While the pump and filter are running, add BQ1455P Algicide directly into pool by pouring around edge or near return lines to insure rapid dispersion. To provide time for even distribution in the pool water, bathers should wait a minimum of 15 minutes after addition before entering the pool.

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INITIAL APPLICATION WHEN ALGAE ARE VISIBLE:

1. Backwash the filter thoroughly
2. Vacuum algae debris to waste and thoroughly brush pool.
3. Treat the pool with 36 ounces (6 ppm) directly into pool per 25,000 gallons of water.
4. Brush the pool daily, or as needed, and vacuum accumulated dead algae to waste.
5. If algae are still present, repeat steps 3 and 4.
6. Once algae are under control, chemically clean filter and return to normal operation. (See routine maintenance.)

FOR AN INITIAL APPLICATION WHEN POOL WATER IS CHANGED, OR WHEN ALGAE ARE NOT VISIBLE: Pour 24 ounces (4 ppm) directly into pool per 25,000 gallons of water.

FOR ROUTINE MAINTENANCE: (ONE OR ANY OF THESE STATEMENTS MAY BE USED)

For weekly application intervals, use 1 ounce per 5,000 gallons of water.

For two week application intervals, use 2 ounces per 5,000 gallons of water 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.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: 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 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.

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Optional Marketing Statements

The following statements may or may not appear on the label, or may appear in combination

Prevents Algae Growth
Kills Algae
Removes Algae
Broadly Effective Against Algae
Broad spectrum algaecide
Broad spectrum algae preventative
Algaecide

Use Less Product per Dose
Use Fewer Ounces Product per Dose
Less product used per dose

C14 Formula

Advanced Quat Formula
Advanced Formula

Winterizing Treatment
Vacation Treatment
All purpose

Compatible with all sanitizer systems
For use with Biguanide Sanitizers
Compatible with biquanide systems
For use with Chlorinating Sanitizers
For use with Non-Chlorine Sanitizers
For use with Bromine Sanitizers
For use with Bromine Disinfectants

Provides Crystal Clear Water
For Clear, Clean Water
No more algae stains
Non-staining
Sparkling, clear water

Single Application
Single Step Algaecide
Single Step Algae Removers
One-step algaecide

For Use with Vinyl Lined Pools
For Use in All Pools

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