

Albemarle Corporation
 451 Florida Street
 Baton Rouge, LA 70801

JUN 06 2000

Subject: Ultra-80 Algicide
 EPA Registration No. 3377-60
 Amendment Dated: 3/3/00
 EPA Receive Date: 3/8/00

Attention: Ms. Ann Oxford

The amendment, referenced above, submitted in connection with registration under FIFRA, as amended, to update the label and submit formulation changes is acceptable provided you address the following comments before this product is released for shipment.

Product Chemistry

The Confidential Statements of Formulas for the basic and seven alternate formulas dated 3/2/00 are acceptable, in compliance with PR Notice 91-2, and in agreement with the label. The minor adjustments to the pH range is acceptable, and the wider certified limits for the dyes in alternate formulations 2-7 are approved.

Label Recommendations

On 9/9/99, you submitted 6(a)(2) acute inhalation data to the Agency for review on EPA Reg. No. 3377-45. Based on the recommendations in the 12/7/99 Agency letter which summarized the toxicology review of the 6a(a)(2) acute inhalation data, EPA Reg. No. 3377-45 was classified as Toxicity Category II for acute inhalation.

Since this product is a re-pack of EPA Reg. No. 3377-45, the recommendations in the 12/7/99 letter apply to this product. Therefore, this product's precautionary statements must be revised by stating "May be fatal if inhaled. Do not breath spray mist. Wear a dust mist filtering respirator (MSHA/NIOSH approval # prefix TC-21C)." You should also refer to PR Notice 98-9 to assist you with the accurate respirator language. Also, the "First Aid Statements" will need to be revised by adding the following: "IF INHALED: Remove victim to fresh air. If person is not breathing, call 911 or an ambulance. ~~Do not use artificial respiration~~, preferably mouth-to-

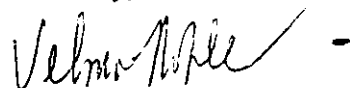
SYMBOL	7510E							
SURNAME	Campbell							
DATE	6/6/00							

mouth. Call a poison control center or doctor for further treatment advice."

On April 11, 2000, The Agency published PR Notice 2000-3, First Aid Statements for Pesticide Product Labels. You will need to revise your "Statements of Practical Treatment" accordingly. It is the Agency's goal to have all the product labels revised by October 1, 2001.

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

Sincerely,



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

ULTRA-80 ALGICIDE

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

ACTIVE INGREDIENTS:

n-Alkyl (50% C₁₄, 40 C₁₂, 10% C₁₆)
dimethyl benzyl ammonium chloride80.0%

INERT INGREDIENTS:20.0%

TOTAL:100.0%

KEEP OUT OF REACH OF
CHILDREN
DANGER

See left 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. 3377-60
EPA Est. No. 071728-IL-001

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

JUN 6 2000

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

3377-60

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.

This product is formulated to complement most swimming pool sanitizers. ULTRA-80 ALGICIDE is not a stand alone product. It must be used with either halogen based or non-halogen based pool sanitizers.

This product is effective against the growth of algae. 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). This product may also be used to form a winterization package (refer to Alternate Winterizing Method section in Directions For Use).

When this product is used as directed, it will prevent development of Chlorella pyrenoidosa (green), Phormidium inundatum (black), Phormidium retzi (Square D), Lyngba versicolor (blue-green), and other swimming pool algae.

INSTRUCTIONS FOR USE WITH HALOGEN BASED POOL SANITIZERS

This product is formulated to complement most swimming pool sanitizers. When using other products as outline 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.

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 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.

Add ULTRA-80 ALGICIDE directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding Algicide. During this period, swimmers should not be allowed into the water.

INITIAL APPLICATION WHEN ALGAE ARE VISIBLE:
1. Back wash the filter thoroughly.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, or on skin, or on clothing. May be fatal if swallowed. 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

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

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. 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, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, streams, 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.

STORAGE AND DISPOSAL

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

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

SPILL OR LEAK PROCEDURES: Small spills may be mopped up, flushed away with water, or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers and disposed of by approved methods for hazardous wastes.

PESTICIDAL 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 the 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 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 the smoke.

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DIRECTIONS FOR USE (CONT.)

2. Vacuum algae debris to waste and thoroughly brush pool.
3. Pour 9 ounces (6 ppm) directly into pool per 10,000 gallons of water.
4. Brush the pool daily for the next 5 days and vacuum accumulated dead algae to waste.
5. If algae are still present, repeat steps 3 and 4.
6. Once algae is under control, clean filter and return to normal operation (See routine maintenance).

INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED, OR ALGAE IS NOT VISIBLE: Pour 6 ounces (4 ppm) directly into pool per 10,000 gallons of water.

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

For weekly application intervals, use 0.75 ounces per 10,000 gallons of water (0.5 ppm).

For two week application intervals, use 1.5 ounces per 10,000 gallon of water (1 ppm) every other week.

Following heavy rain showers, add an additional 0.75 ounces per 10,000 gallons.

TO "VACATION TREAT" your pool (when away for one week or more): add 3 ounces (2 ppm) of this product per 10,000 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.

ALTERNATE WINTERIZING METHOD

This product may be used to form a winterization package. Add a maintenance dose of a chloride or oxygen shock. Then add 6 fluid ounces of ULTRA-80 ALGICIDE per 10,000 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. Allow the filter to run for several hours after chemical additions for good mixing. Before using chlorine or oxygen shock, read the Directions for Use and Precautionary Statements specific to that product.

[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, Bacquacil and other non-halogen systems. When using other products as outline 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 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.

Add ULTRA-80 ALGICIDE directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding Algicide. During this period, swimmers should not be allowed into the water.

INITIAL APPLICATION WHEN ALGAE ARE VISIBLE:

1. Back wash the filter thoroughly.
2. Vacuum algae debris to waste and thoroughly brush pool.
3. Pour 9 ounces (6 ppm) directly into pool per 10,000 gallons of water.
4. Brush the pool daily for the next 5 days and vacuum accumulated dead algae to waste.
5. If algae are still present, repeat steps 3 and 4.
6. Once algae is under control, clean filter and return to normal operation (See routine maintenance).

FOR AN INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED: Pour 6 ounces (4 ppm) directly into pool per 10,000 gallons of water.

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

For weekly application intervals, use 0.75 ounces per 10,000 gallons of water (0.5 ppm).

For two week application intervals, use 1.5 ounces per 10,000 gallons of water (1 ppm) every other week.

Following heavy rain showers, add an additional 0.75 ounces per 10,000 gallons.

ALTERNATE WINTERIZING METHOD

This product may be used to form a winterization package. Add a maintenance dose of a chloride or oxygen shock. Pop up non-halogen sanitizer to 50 ppm. Then add 6 fluid ounces of ULTRA-80 ALGICIDE per 10,000 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. Allow the filter to run for several hours after chemical additions for good mixing. Before using chlorine or oxygen shock, read the Directions for Use and Precautionary Statements specific to that product.

TO DETERMINE POOL CAPACITY: Rectangular Pools - Length times width time 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.

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 6 2000

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amended, for the pesticide,
registered under EPA Reg. No. 3377-60