

3377-60

1/24/2000

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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:

3377-60

JAN 24 2000

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Albemarle Ultra-80 Algicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Albemarle Corporation
451 Florida Street
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. 3377-60".
 - b. Under "Storage and Disposal", delete the text, "1. Prohibitions," and move the statement, "Open dumping is prohibited" to the storage instructions. Also, the statement, "Do not reuse empty container," should be moved to the Container Disposal section as the first sentence.
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

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

Date:

JAN 24 2000

**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 physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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.

ALBEMARLE® 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 chloride 80.0%

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-
EPA Est. No. 071728-IL-001

Batch No.

Net Contents

ACCEPTED
with COMMENTS
in EPA Letter D-1099

JAN 24 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3377-60

**STORAGE AND
DISPOSAL**

1. PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

2. STORAGE INSTRUCTIONS

Store in original container. Keep from freezing.

3. 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.

4. 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.

5. CONTAINER DISPOSAL

(Metal) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Plastic Containers) 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.

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. 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 Chlorela 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 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.

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 the 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 18 ounces (6ppm) 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, OR ALGAE IS NOT VISIBLE: Pour 12 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 1.5 ounces per 10,000 gallons of water (0.5 ppm).
For two week application intervals, use 3 ounces per 10,000 gallon of water (1 ppm) every other week.
Following heavy rain showers, add an additional 1.5 ounces per 10,000 gallons.

TO "VACATION TREAT" your pool (when away for one week or more): add 6 ounces (2 ppm) or 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 12 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 SoftSwin System, Bacquacil and other non-halogen systems. When using other products as outlined in Directions For Use for this products, 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 the 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 18 ounces (6ppm) 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, chemically clean filter and return to normal operation. (See routine maintenance.)

FOR AN INITIAL APPLICATION OR WHEN POOL WATER IS CHANGES,
Pour 12 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 1.5 ounces per 10,000 gallons of water (0.5 ppm).
For two week application intervals, use 3 ounces per 10,000 gallons of water (1 ppm) every other week.
Following heavy rain showers, add an additional 1.5 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 12 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:

JAN 24 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3377-60