

PM 31

3377-48

9-25-98

1044



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

EPA Reg. Number:

3377-48

Date of Issuance:

9/25/98

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

AC76-5-PW Biocide

(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. " 3377-48.
 - b. The preferred nomenclature for the active ingredient is "Alkyl" not "n-Alkyl."
 - c. In the statement above the ingredient statement, revise the heading, "Water Cooling Systems" to "Industrial and/or commercial recirculation cooling water towers.

Signature of Approving Official:

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

Date:

SEP 25 1998

- d. Add the following additional instructions to the "Directions For Use" section before the "Initial Application for Swimming Pools"

Do not use water containing residue from use of this product to irrigate crops used for food or feed. Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of this product in any cooling water system that discharges effluent within 1/4 mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

- e. Under the "Initial Application for Swimming Pools" Directions for Use, the use dilution is not consistent with the Me-Too product's label, 10324-19. According to 10324-19's label, the use dilution should be 26 fluid oz. to each 50,000 gallons of water.

- f. The "Environmental Hazards" statement should be revised to read:

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.

- g. Changes to "Precautionary Statements"

1. Since primary eye and skin irritation acute toxicology falls into Category I, the first sentence should be revised to "causes irreversible eye damage and skin burns."
2. Since the acute oral toxicology is Category II, the fourth sentence should be revised to "may be fatal if swallowed".
3. The statement, "Remove contaminated clothing and wash before reuse," should be added to the precautionary statements.

- h. Changes to "Practical Treatment" statements

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

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2. IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
3. For the IF SWALLOWED statement, Call a physician immediately should be the first sentence and add the statement, "Do not induce vomiting or give anything by mouth to an unconscious person." Also, milk should be included in the intake options. (IE: eggwhites or gelatin solution)
 - I. Under the "Physical or Chemical Hazards" section, add the statement, "Do not mix with soap or anionic materials."
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.

<p>Signature of Approving Official:</p> <p><i>Velma Noble</i></p> <p>Velma Noble Product Manager 31 Regulatory Management Branch Antimicrobials Division (7510W)</p>	<p>Date:</p> <p>SEP 25 1998</p>
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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
& DOMESTIC ANIMAL
DANGER
KEEP OUT OF REACH OF CHILDREN
CORROSIVE

Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds or public waters unless in accordance with NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your Regional Office of the Environmental Protection Agency.

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.

INITIAL APPLICATION FOR SWIMMING POOLS

(To a clean pool)

26 fluid oz. AC76-5-PW Biocide to each 9,000 gallons of water or ration thereof. If algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible repeat dose as necessary until pool is free of visible algae.

CONTINUED APPLICATION

6.5 fluid oz. of AC76-5-PW Biocide in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Quaternary test kits are available for this use.

BOOSTER APPLICATION

6.5 oz. of AC76-5-PW Biocide in 50,000 gallons of water after a heavy or prolonged rainfall or while there is a heavy bedding load.

The above directions should be followed even when the pool is not in use.

INITIAL APPLICATION FOR INDUSTRIAL AND/OR COMMERCIAL
RECIRCULATING COOLING WATER TOWERS (To A Clean System)

The dose should be poured into the sump of a system which is clean or in which growth is first noticed.

5.25 to 10.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of contained water. When heavy algae growth is present, system will have to be cleaned manually.

SUBSEQUENT APPLICATION

1.33 to 3.85 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of contained water.

The above directions should be followed twice weekly or as needed.

If algae growth is noticeable, apply the initial dose.

ONCE THROUGH FRESH WATER COOLING SYSTEM

1. Wear safety glasses, rubber gloves and impervious apron.
2. Add product directly from drum or add the product at a point where it will be mixed uniformly.
3. To reduce foaming, mix 2 parts of water to 1 part of product.
4. 0.15 to 0.25 fluid ounces (0.5 to 1.0 ppm on an active quaternary basis) per thousand gallons.
5. Do not discharge without performing proper deactivation. To perform deactivation use Bentonite Clay. The minimum ratio to be used is 5 ppm or clay to 1 ppm of product.
6. Do not use product more than 4 times per year.
7. Treatment time can not exceed 120 hour/application.
8. Avoid oxidizers and reducing agents.
9. Product is cationic and should not be used with soap or anionic surfactants.

ALBEMARLE®
AC76-5-PW
BIOCIDE

Albemarle AC76-5-PW Biocide for control of Algae and Algae Slime Growth in Swimming Pools and Water Cooling Systems and molluscs in once through fresh water cooling systems.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₆ , 30% C ₁₈ , 5% C ₁₄ , 5% C ₁₂)	
dimethyl benzyl ammonium chloride	49.8%
n-Dialkyl (60% C ₁₆ , 30% C ₁₈ , 5% C ₁₄ , 5% C ₁₂)	
methyl benzyl ammonium chloride	0.2%
INERT INGREDIENTS:	50.0%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove contaminated clothing and wash before reuse.

If swallowed, drink promptly a large quantity of egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

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 (504) 344-7147.

EPA Reg. No. 3377 - UI
EPA Est. No. 10324-1L-1

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. 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 THE 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.

5. CONTAINER DISPOSAL

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.

6. GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVAL OF ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

NET CONTENT:

BATCH NO.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 25 1998

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

AC76-5.WPD

3377-48

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