

3525-78

12/16/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Debbie Schaub
General Administrator
Qualco, Inc.
225 Passaic Street
Passaic, NJ 07055

DEC 16 2002

Subject: Algae Destroyer
EPA Registration No. 3525-78
Application Date: August 30, 2002
EPA Received Date: September 17, 2002

Dear Ms. Schaub:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below.

Proposed Amendment

- Update First Aid Statements per PR Notice 2001-1
- Update Storage and Disposal Statements per PR Notice 2001-6

Conditions

Revise the label as follows:

1. Revise the Precautionary Statements to read as follows:

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

DANGER: Keep Out Of Reach Of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Harmful if inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles, rubber gloves, and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

2. Since this product is sold in containers less than 5 gallons, revise the Environmental Hazards Statement to read exactly as follows:

SYMBOL	75/0c						
SURNAME	Debra						
DATE	10-13-02						

ENVIRONMENTAL HAZARDS

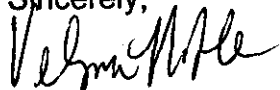
This pesticide is toxic to fish.

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit one(1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at 703-308-6233.

Sincerely,



Velma Noble

Product Manager 31

Regulatory Management Branch I

Antimicrobials Division (7510 C)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 16 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3525-78

LOTIKEM

ALGAE DESTROYER

Algaecide for Home Swimming Pools

CONTROLS AND PREVENTS GREEN WATER AND ALGAL SLIME

ACTIVE INGREDIENTS:

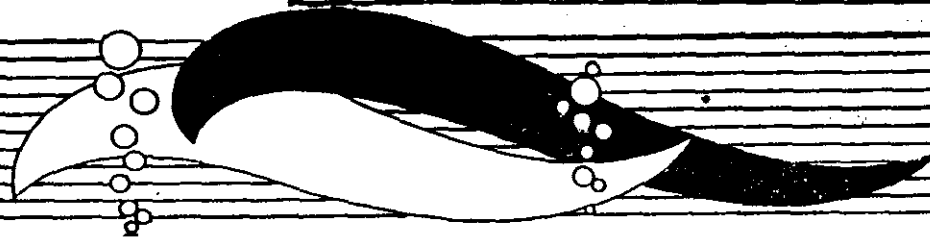
n-Alkyl (80% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride2.49%
n-Dialkyl (80% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
methyl benzyl ammonium chloride0.01%
OTHER INGREDIENTS.....97.50%
TOTAL 100.00%

Net Contents: 1 gal. (128 fl. oz.)(3.785 liters)

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID STATEMENT

IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. Have person sip 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 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 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 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.
HOT LINE NUMBER:	Have the product container or label with you when calling the poison control center or doctor, or going for treatment. You may also contact 873-473-1222 for further questions.
NOTE TO PHYSICIAN:	Probable mucosal damage may contraindicate the use of gastric lavage.



DIRECTIONS FOR USE

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

Utikem Algae Destroyer Algaecide, when used as directed, will kill and prevent development of *Chlorella pyrenoidosa* (green) and *Phormidium inundatum* (blue-green algae). Utikem Algae Destroyer Algaecide controls the growth of microscopic plants called algae which thrive in warm, sunlit pools. It is algae that turns the water green and produces odors that make swimming unpleasant. This condition is controlled with the use of Utikem Algae Destroyer Algaecide. This liquid product is added to the pool at periodic intervals throughout the swimming season and its use will prevent algae growth. It is important to note that small amounts of Utikem Algae Destroyer Algaecide added at regular intervals will do a better job for algae prevention control than large amounts added only when algae becomes a nuisance. Utikem Algae Destroyer Algaecide is compatible with most commonly used swimming pool chemicals, but should not be mixed with soap or other cleaners, or pre-mixed with other water treating chemicals.

START-UP: Add to a freshly filled, algae free pool at the rate of 1 gallon for every 12,500 gallons of water. Add to water along pool edges. If visible algae is present, use 1 gallon for every 6,250 gallons of water. Add to water along pool edges. If algae growth is not controlled, repeat above treatment until algae growth is visibly controlled. Remove dead algae and debris with pool vacuum, skimmer etc.

For best results, pool should be cleaned and filled with fresh algae-free water before use. Maintain the pH in the range of 7.2 to 7.6. After the addition of Algae Destroyer, run filter for 2 hours to allow for circulation. After adding Algae Destroyer to the pool water, wait approximately 1/2 hour before using pool.

REGULAR CARE: After start-up, use 1 quart (which equals 32 fl. oz.) every 5 to 7 days for every 12,500 gallons of water. When weather is hot or many people are using the pool, it may be necessary to use 1 quart every 5 days as necessary. Refer to the use chart to determine the amount needed to correctly treat pool water.

WINTERIZING: Remove leaves and other debris from pool water. Adjust pH to 7.2 to 7.6. While the filter pump is running, add 1 gallon of Algae Destroyer per 12,500 gallons of pool water. After 2 hours, shut off pump, disconnect filters, chlorinators, etc. Cover pool to keep out airborne matter. In the Spring, reconnect equipment and add chemicals as normally required.

NEVER MIX POOL CHEMICALS TOGETHER! ALWAYS ADD THEM SEPARATELY!

ALGAE DESTROYER USE CHART

POOL GALLONAGE	INITIAL AMOUNT	AMOUNT EVERY 5 TO 7 DAYS
5,000 gallons	1 qt. 19 fl. oz.	13 fl. oz.
10,000 gallons	3 qts. 6 fl. oz.	26 fl. oz.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Keep Out Of Reach Of Children. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling. Wear safety glasses and rubber gloves when handling this product. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

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.

STORAGE AND DISPOSAL

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

STORAGE: Keep product dry in tightly closed container when not in use. Store in a cool, dry well ventilated area away from heat and open flame.

IF EMPTY: Do not reuse this container. Place in trash or offer for recycling, if available.

IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

E.P.A. Reg. No. 3525-78

E.P.A. Est. No. 3525-NJ-1

40512

Made & Printed in U.S.A.

R40512-1B

Manufactured by:

QUALCO, INC.

225 Passaic Street
Passaic, NJ 07055

3525-106