

3525-78

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3-4-1999

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MAR 04 1999

Qualco, Inc.
225 Passaic Street
Passaic, NJ 07055

ATTENTION: Debbie Schaub

SUBJECT: Algae Destroyer
EPA Registration Number 3525-78
Your Amendment Dated: November 30, 1998
EPA Received Date: December 8, 1998

The amendment referred to above, submitted in conjunction with registration under FIFRA to revise the label and add winterization instructions is acceptable subject to the following comments.

1) In order to add clarity to the "Directions for Use" section of the label, revise "This liquid product is added to the pool at periodic intervals throughout the swimming season and its use will prevent algae growth from growing." by deleting the phrase "...from growing."

2) Revise the "Storage and Disposal" section of the label such that the statement "Do not contaminate water, food or feed by storage or disposal." immediately follows the heading "Storage and Disposal" as illustrated below:

STORAGE AND DISPOSAL

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

Keep container closed when not in use. Store in a cool, dry, well ventilated area away from reactive materials. Do not reuse empty container. Rinse container and put in trash.

CONCURRENCES

SYMBOL	7510C						
SURNAME	J. Lantz						
DATE	3/3/99						

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

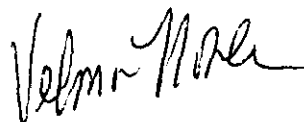
OFFICIAL FILE COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2/4

A stamped copy of the label is enclosed for your records. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure
7510C:T. Lantz:3/3/99:3525-78b

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

UTIKEM®

ALGAE DESTROYER

Algaecide for Home Swimming Pools

CONTROLS AND PREVENTS GREEN WATER AND ALGAL SLIME

KEEP OUT OF REACH OF CHILDREN

DANGER:

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get Medical Attention. **IF ON SKIN:** Wash with plenty of soap and water. 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, egg whites, or gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. See back panel for additional precautions.

ACTIVE INGREDIENTS:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride2.49%
n-Dialkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
methyl benzyl ammonium chloride0.01%

OTHER INGREDIENTS..... 97.50%
TOTAL 100.00%

ACCEPTED
with COMMENTS
In EPA Letter Dated:

MAR 04 1999

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

3525-78 Net Contents: 1 gal. (128 fl. oz.)(3.785 liters)

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DIRECTIONS FOR USE

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

Utkem Algae Destroyer Algaecide, when used as directed, will kill and prevent development of *Chlorella pyrenoidosa* (green) and *Phormidium inundatum* (blue-green algae). Utkem 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 Utkem 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 from growing. It is important to note that small amounts of Utkem 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. Utkem 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

Keep container closed when not in use. Store in a cool, dry, well ventilated area away from reactive materials. Do not reuse empty container. Rinse container and put in trash. Do not contaminate water, food or feed by storage or disposal.

E.P.A. Reg. No. 3525-78
40512

E.P.A. Est. No. 3525-NJ-1
Made & Printed in U.S.A.

R40512-1B

Manufactured by:

QUALCO, INC.
225 Passaic Street
Passaic, NJ 07055



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4/4