

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 19 2000

Qualco, Inc.
225 Passaic Street
Passaic, NJ 07055

ATTENTION: Peter Ferentinos

SUBJECT: Utikem Algaesan Multi-Purpose Algaecide
EPA Registration Number 3525-22
Your Amendment Dated: July 26, 2000
EPA Received Date: August 3, 2000

The amendment referred to above, submitted in connection with registration under FIFRA as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

A. Your label does not include information on the water quality conditions essential to successful use of the algaecide. Based on the label of a similar product, revise your label to include the following statements in the "Directions for Use" section of the label. Immediately following the statement "Visible algae growth will require vacuuming to remove algae debris 24 hours after use of this product." add the statements "Before adding this product, ensure that all pool equipment is working properly. Backwash the filter system according to the manufacturer's directions. Adjust the pH to between 7.2 and 7.6. Adjust chlorine residual to 1-3 ppm."

B. Your directions for use as a sanitizer need to be further clarified. Since you have not provided efficacy data to support your proposed lower rate for sanitization, you must revise the use rate to agree with the rate previously approved by the Agency. Revise to read exactly as follows: "To sanitize hard non-porous non-food contact surfaces of walls and locker room areas surrounding pools, apply with a clean mop or sponge, a solution made with 1 oz. of Costal Algaecide Liquid in 2 gallons of water for a minimum contact time of 2 minutes. Allow to air dry."

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SURNAME	J. Long						
DATE	10/17/00						

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C. You have not made the requested revisions to the "Precautionary Statements." Revise the Precautionary statements to read exactly as follows.

**"Precautionary Statements
Hazards to Humans and Domestic Animals
DANGER**

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. Submit two (2) copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling 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)

7510C:T. Lantz:10/16/00:3525-22a

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UTIKEM

ALGAESAN

Multi-Purpose Algaecide Concentrate for Home Swimming Pools
SURFACE SANITIZER & CONDITIONING AGENT

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 INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. 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% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chloride.....	9.96%
n-Dialkyl (60% C ₁₄ , 30% C ₁₈ , 5% C ₁₂ , 5% C ₁₈)	
methyl benzyl ammonium chloride	0.04%
INERT INGREDIENTS	90.00%
TOTAL	100.00%



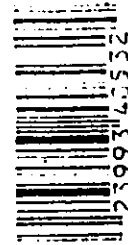
Net Contents: 1 gal. (120 fl. oz.)(3.785 liters)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 18 2000

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

3525-22



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Fungicide, and Rodenticide Act as
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CHEMICAL PROPERTIES

Utikem Algaesan Multi-Purpose Algaecide is an outstanding algae growth depressant in all types and sizes of pools. Helps eliminate and prevent odors from confined water. Utikem Algaesan Multi-Purpose Algaecide is fully compatible with alkalizing and flocculating agents normally used in swimming pools and is relatively non-corrosive to rubber and metals. It may be used with all types of equipment. Works most effectively at pH levels over 7.0. Highly concentrated.

DIRECTIONS FOR USE

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

Algae and algal slime may be effectively controlled with an initial dose of 1 gallon of Utikem Algaesan Multi-Purpose Algaecide per 50,000 gallons of water. Visible algae growth will require vacuuming to remove algae debris 24 hours after use of this product. If visible algae is still present or reappears, repeat initial dose within 48 hours. For subsequent treatments, use 1 quart of Utikem Algaesan Multi-Purpose Algaecide for each 50,000 gallons every 5 days. In hot, sunny weather, or with heavy bather load, this dosage should be used every 2 days.

Utikem Algaesan Multi-Purpose Algaecide should be added to the pool at various points or added through the filter. Allow water to circulate 2 hours after the addition of Algaesan Multi-Purpose Algaecide. Each time the pool is drained and refilled, repeat initial dose. If makeup water has been added to the pool, add 1 pint of Utikem Algaesan Multi-Purpose Algaecide for each 5,000 gallons of makeup water. See Use Chart to determine the dosage needed to correctly treat pool water.

To sanitize (non-food contact surfaces) walls, locker rooms or other hard, non-porous areas surrounding pool, apply with a clean mop or sponge, a solution made with 1 oz. of Utikem Algaesan Multi-Purpose Algaecide in 2-1/2 gallons of water for a minimum contact time of 2 minutes. Allow to air dry.

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 Algaesan Multi-Purpose Algaecide per 50,000 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.

NOTE: After this product is added to pool water, wait approximately 1/2 hour before using pool. NEVER MIX POOL CHEMICALS TOGETHER! ALWAYS ADD THEM SEPARATELY!

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Made & Printed in U.S.A.

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UTIKEM ALGAESAN MULTI-PURPOSE ALGAECIDE USE CHART

POOL SIZE	POOL GALLONAGE	INITIAL AMOUNT	AMOUNT EVERY 5 DAYS
15' dia. x 48" depth	5,300 gallons	14 fl. oz.	4 fl. oz.
24' dia. x 48" depth	13,500 gallons	1 qt. 3 fl. oz.	10 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. Wear goggles, rubber gloves, and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

TO DETERMINE POOL CAPACITY (IN U.S. GALLONS)

RECTANGULAR POOLS: Multiply length x width x average depth x 7.5 = Pool Gallonage.

OVAL POOLS: Multiply length x width x average depth x 6.8 = Pool Gallonage.

ROUND POOLS: Multiply diameter x diameter x average depth x 5.9 = Pool Gallonage.

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

E.P.A. Reg. No. 3525-22

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

Manufactured by:

QUALCO, INC.

225 Passaic Street
Passaic, NJ 07055

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