

1448-346

1/22/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

January 22, 2003

Dennis L. Barbee, Ph.D.  
Director, Regulatory Affairs  
Buckman Laboratories, Inc.  
1256 North McLean Blvd.  
Memphis, TN 38108

Subject: ALSTAR LIQUID ALGAECIDE  
EPA Registration No. 1448-346  
Application Date: November 25, 2002  
EPA Received Date: November 29, 2002

Dear Dr. Barbee:

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 Statement per PR Notice 2001-1

**Conditions**

Revise the label as follows:

1. Separate the Precautionary Statement heading from the First Aid Statements. In addition, the precautionary heading and its statement must be grouped together to read as follows:

**Precautionary Statements**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

2. The child signal word "Caution" and the "Keep Out of Reach of Children" statement must be placed under the ingredient statement.

SYMBOL	TS90C						
SURNAME	TS90C						
DATE	1-22-03						

**Other Comments**

Please explain why this product label does not contain a re-entry interval time following the application of this product in swimming pools, spas, whirlpools, and hot tubs.

**General Comments**

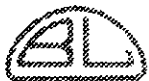
A stamped copy of the labeling accepted with conditions is enclosed. Submit one(1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at 703-308-6422.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510 C)



# ALSTAR LIQUID ALGAECIDE

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FIRST AID	
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 further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center for treatment advice.
If Ingested	- Call poison control center or doctor immediately for treatment advice. - Have person sip a glass of water, if able to swallow. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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 a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. 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.

**ACTIVE INGREDIENTS:**  
 Poly[oxyethylene(dimethyliminio)ethylene]..... 40.0 %  
 (dimethyliminio)ethylene dichloride]..... 60.0 %  
**INERT INGREDIENTS:** ..... 100.0 %  
**TOTAL**.....  
 This product contains 3.65 lbs of active ingredient per gallon and weighs 9.12 lbs per gallon.

#### Storage and Disposal

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use. Leaking or damaged containers should be placed in plastic bag and discarded in trash. Mop up spills with clear water. All pesticides should be kept out of reach of children and stored away from food.  
**DISPOSAL:** Do not reuse empty container. Wrap container and place in trash.

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Manufactured by **Buckman Laboratories, Inc.**

1256 North McLean Blvd., Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-T-1-1

EPA Reg. No. 1448-346

Net contents are marked on the container.

Product Weight 8.6 lbs/gal. 1.03 kg/l

#### HMS / NPCA Ratings

Health 1 Flammability 1 Reactivity 1

#### Last Revision

10/16/2002

#### Directions for Use

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

ALSTAR LIQUID ALGAECIDE is used to control the growth of algae in swimming pools and ponds that do not contain fish. For maximum effectiveness pools, spas, and hot tubs with heavy growth of algae should be cleaned prior to using ALSTAR LIQUID ALGAECIDE.

For pools having just visible algae growth add an initial dose of 18 to 27 fluid ounces of ALSTAR LIQUID ALGAECIDE per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned pool, add ALSTAR LIQUID ALGAECIDE per 10,000 gallons of water. Subsequent additions of ALSTAR LIQUID ALGAECIDE should be made every 5 to 7 days after initial treatment for 10,000 gallons of water.

Spas, whirlpools, hot tubs, decorative fountains, and ponds having just visible algae growth should be treated with ALSTAR LIQUID ALGAECIDE per 1000 gallons of water. For treatment of a freshly cleaned pool, add ALSTAR LIQUID ALGAECIDE per 1,000 gallons of water. Subsequent additions of ALSTAR LIQUID ALGAECIDE should be made every 5 to 7 days after initial treatment for 10,000 gallons of water.

ALSTAR LIQUID ALGAECIDE is compatible with those chemicals normally used in swimming pools and ponds. ALSTAR LIQUID ALGAECIDE can be used in pools and spas treated with other chemicals normally required. However, do not mix ALSTAR LIQUID ALGAECIDE with other chemicals normally required.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JAN 22 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1448