



# ALSTAR LIQUID ALGAECIDE

## Directions for Use

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

ALSTAR LIQUID ALGAECIDE is used to control the growth of algae in swimming pools, exterior spas, whirlpools, hot tubs, decorative fountains, and ponds that do not contain fish. For maximum effectiveness pools, spas, whirlpools, hot tubs, decorative fountains, and ponds containing 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 and filled pool add initially 10 to 18 fluid ounces of ALSTAR LIQUID ALGAECIDE per 10,000 gallons of water. Subsequent additions of 3.5 to 7 fluid ounces of ALSTAR LIQUID ALGAECIDE per 10,000 gallons of water should be made every 5 to 7 days after initial treatment for maintenance.

Spas, whirlpools, hot tubs, decorative fountains, and ponds having just visible algae growth require an initial dose of 2 to 3 fluid ounces of ALSTAR LIQUID ALGAECIDE per 1000 gallons of water. For treatment of a freshly cleaned spa, whirlpool, hot tub, decorative fountain, or pond, add initially 1 to 2 fluid ounces of ALSTAR LIQUID ALGAECIDE per 1,000 gallons of water. Subsequent additions of 0.4 to 1 fluid ounces of ALSTAR LIQUID ALGAECIDE should be made every 5 to 7 days after initial treatment for maintenance.

ALSTAR LIQUID ALGAECIDE is compatible with those chemicals normally used to treat pools and spas and is effective at both acid and alkaline pH. ALSTAR LIQUID ALGAECIDE can be used in pools and spas treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix ALSTAR LIQUID ALGAECIDE with concentrated dry or liquid chlorine products.

## 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.

### ACTIVE INGREDIENT(S)

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	40.0%
INERT INGREDIENTS	60.0%
TOTAL	100.0%

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### 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 or doctor for treatment advice.
If Swallowed	- 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.

## 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.

**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.

**ACCEPTED**

JUN 29 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **1448-346**

Manufactured by  
**Buckman Laboratories, Inc.**  
 1256 North McLean Blvd.  
 Memphis, Tennessee 38108, USA  
 (901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1  
 EPA Reg. No. 1448-346  
 Product Weight 9.12 lbs/gal. 1.09 kg/l  
 Net contents are marked on the container.

#### HMIS / NPCA Ratings

Health 1 Flammability 1 Reactivity 0  
 Last Revision 4/13/2004

1448-346

6/29/2004

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