



1448-346 9/19/2014

Page 1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SEP 19 2014

Carl F. Watson, Ph.D.
Sr. Regulatory Toxicologist
Buckman North America
Buckman Laboratories, Inc.
1256 North McLean Blvd.
Memphis, TN 38108-1241

Subject: Amended Reregistration Label
Alstar Liquid Algacide
EPA Registration Number: 1448-346
EPA Decision Number: 455629

Dear Dr. Watson:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the **Busan 77 RED** and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated May 18, 2012

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at campbell.jacqueline@epa.gov or Srinivas Gowda by telephone at (703) 308-6354 or by e-mail at gowda.srinivas@epa.gov during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: Stamped label

284

ALSTAR LIQUID ALGAECIDE

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ACTIVE INGREDIENT(S):

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]

40%

OTHER INGREDIENTS:

60%

TOTAL

100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin, Clothes	<ul style="list-style-type: none"> • 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 in Eyes	<ul style="list-style-type: none"> • 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.
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 901-767-2722 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish, aquatic organisms and clams. 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.

DIRECTIONS FOR USE

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

This product is used to control the growth of algae in swimming pools, heated swimming pools, exterior spas, whirlpools, hot tubs and decorative fountains that do not contain fish.

SWIMMING POOLS, HEATED SWIMMING POOLS, EXTERIOR SPAS, WHIRLPOOLS AND HOT TUBS: For maximum effectiveness of this product in pools, spas, whirlpools and hot tubs, clean those systems with heavy growth of algae prior to using this product.

3 7 4

ALSTAR LIQUID ALGAECIDE

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For pools having just visible algae growth, add an initial dose of 18 to 27 fluid ounces of this product 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 this product per 10,000 gallons of water. To maintain pools free of visible algae growth, make subsequent additions of 3.5 to 7 fluid ounces of this product per 10,000 gallons of water every 5 to 7 days after initial treatment. Uniform distribution of this product throughout the water in the pool is necessary for maximum effectiveness.

Spas, whirlpools and hot tubs having just visible algae growth require an initial dose of 2 to 3 fluid ounces of this product per 1000 gallons of water. For treatment of a freshly cleaned spa, whirlpool and hot tub, add initially 1 to 2 fluid ounces of this product per 1000 gallons of water. Make subsequent additions of 0.4 to 1 fluid ounces this product every 5 to 7 days after the initial dose for maintenance.

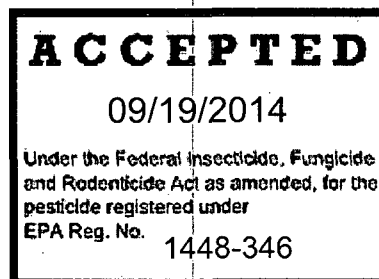
This product will prevent growth of most algae during the off-season winter months when pools are not in use. For pools which have been properly treated during the swimming season and are free of visible algae, add 10 to 16 fluid ounces of algaecide per 10,000 gallons of water. If, at the end of swimming season, pools have some visible algae growth, add 18 to 27 fluid ounces per 10,000 gallons of water. It is necessary that a uniform distribution of algaecide throughout the water and the pool be made for maximum effectiveness. If the pool is not covered, it may be necessary to repeat the treatment one or more times during the season.

This product is compatible with those chemicals normally used to treat pools and spas and is effective at both acid and alkaline pH. This product 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 this product with concentrated dry or liquid chlorine products.

DECORATIVE FOUNTAINS: This product is used to control the growth of algae in decorative fountains that do not contain fish. Manually clean heavy growths of algae prior to treatment. Fountains with just visible algae growth require an initial dose of 2 to 3 fluid ounces of this product per 1000 gallons of water. To treat a freshly cleaned and filled fountain, add 1 to 2 fluid ounces of this product per 1000 gallons of water. For maintenance dosages, add 0.4 to 1 fluid ounces of this product per 1000 gallons of water every 5 to 7 days as needed. Make sure this product is added at a point where it can be uniformly distributed. This product may be used in fountains treated with chlorine chemicals, but do not mix this product with concentrated dry or liquid chlorine products.

STORAGE AND DISPOSAL

STORAGE AND DISPOSAL: Keep container closed when not in use and away from children and persons unfamiliar with its use. Store away from food. Leaking or damaged containers must be placed in a plastic bag and discarded in the trash. Mop up spills with clean water. Nonrefillable container: Do not reuse or refill empty container. Wrap container and place in trash.



484

Manufactured by:

Buckman Laboratories, Inc.

1256 N. McLean Blvd., Memphis, Tennessee 38108, U.S.A.

(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-346

Product Weight

9.12 lbs/gal 1.09 kg/l

NET CONTENTS MARKED ON CONTAINER

HMIS/NPCA RATING

Health 1 Flammability 1 Reactivity 0

Revised: 08/26/14