



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 22, 2016

Ms. Joanna Holcombe  
Lonza Inc.  
1200 Bluegrass Lake Parkway  
Alpharetta, GA 30004

Subject: Amended Reregistration Label  
Product Name: Baquacil AD Automated Dosing System Algicide 20  
EPA Registration Number: 1258-1274  
Decision Number: 455604

Dear Ms. Holcombe:

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. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

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 Any previously dated CSFs are superseded.

- Basic CSF, dated 10/7/2011

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. 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 section 6.

If you have any questions about this letter, please contact Jacqueline Hardy by phone at (703) 308-6416, or via email at [hardy.jacqueline@epa.gov](mailto:hardy.jacqueline@epa.gov).

Sincerely,

A handwritten signature in red ink that reads "Jacqueline Hardy". The signature is written in a cursive style and is centered on the page.

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

Enclosure: Stamped Label

{Note to Reviewer}  
[All text in square brackets [AAA] is optional and may/may not be included on final label]  
{All text in rounded brackets {AAA} is for information purposes and will not appear on final label}

Chlorine-free. Care-free.

# Baquacil AD™ AUTOMATED DOSING SYSTEM ALGICIDE 20

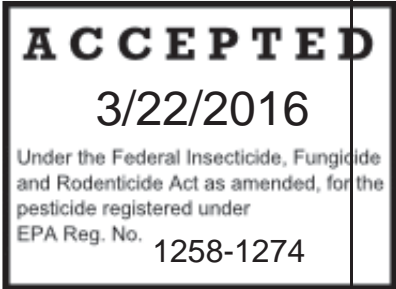
Low Foaming Swimming Pool Algicide

**ACTIVE INGREDIENTS:**

Poly[oxyethylene(dimethyliminio)ethylene (dimethyliminio)ethylene dichloride] .....20.0%

**INERT INGREDIENTS:** .....80.0%

**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 treatment advice.

**IF ON SKIN OR CLOTHING:** 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.

MEDICAL EMERGENCY INFORMATION CENTER 1-800-654-6911.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EPA Reg. No. 1258-1274

EPA Est. No. \_\_\_\_\_

If the lot # contains a "B", EPA Est. No. is

If the lot # contains a "M", EPA Est. No. is

Net Wt. xxx

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

*{First sentence of paragraph below for containers less than 5 gal. All others use full paragraph.}*

### ENVIRONMENTAL HAZARDS:

This product is toxic to fish, aquatic invertebrates, 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 Pollution 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** {Optional statements – usage depends on whether or not refillable or nonrefillable containers are used and whether or not product is packaged for household/residential use only}

{Nonrefillable container - household/residential use}

[Keep this product in its tightly closed container when not in use. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

{Refillable container – household/residential use}

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride] only. Do not use this container for any other purpose. Rinse empty container thoroughly with water prior to disposal.]

{Nonrefillable container - non-household/residential use}

Do not contaminate food or feed by storage or disposal.

**Pesticide Storage:** Keep this product in its tightly closed container when not in use. Store in original container in an area inaccessible to children.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Open dumping is prohibited.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose in trash or sanitary landfill.

{Refillable container – non-household/residential use}

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride] only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water prior to disposal.]

FOR INFORMATION ON SPILLS, CALL 1-800-654-6911.

Arch Chemicals, Inc.  
P.O. Box 723547  
Atlanta, GA 31139

Baquacil AD™ is a trademark of Arch UK Biocides Limited.

For more information, visit our website at [www.baquacil.com](http://www.baquacil.com)  
For product support, call 1-877-929-7945

## **DIRECTIONS FOR USE**

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

Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 is used to control the growth of algae in swimming pools. For maximum effectiveness, pools containing heavy growth of algae must be cleaned prior to using Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20.

For pools having just visible algae growth add an initial dose of 37 to 56 fluid ounces of Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool, add initially 20 to 37 fluid ounces of Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 per 10,000 gallons of water.

Subsequent additions of 7 to 13 fluid ounces of Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 per 10,000 gallons of water must be made every 5 to 7 days after initial treatment for maintenance.

Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 is used to control the growth of algae in swimming pools with attached water features when using the BAQUACIL AD™ Automated Dosing System (BAQUACIL AD™).

## **START-UP**

To get started properly with Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20, follow these steps:

1. Unscrew the child resistant cap (keep this cap for off-season storage of chemical) and connect to appropriate feed line for the automated dosing system.
2. The BAQUACIL AD™ dispensing unit will deliver an initial dose of 20 - 37 oz. per 10,000 gallons to the pool water.
3. After about 24 hours, take a water sample to your Authorized BAQUACIL® Dealer for complete water analysis.

## **NORMAL POOL MAINTENANCE**

To properly maintain your pool with Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 through the swimming season, follow these steps:

1. Once a week, check the BAQUACIL AD™ Sanitizer and Algistat concentration, using the BAQUACIL® Test Strips.
2. The BAQUACIL AD™ dispensing unit will deliver a daily dose of 1.0 – 2.0 oz. of Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 per 10,000 gallons to the pool water.
3. Once a month take a water sample to your Authorized BAQUACIL® Dealer for complete water analysis.

## **END OF SEASON**

Disconnect Chlorine-free, Care-free BAQUACIL AD™ Automated Dosing System Algicide 20 from system and replace child resistant cap. Store in cool, dry place, in upright position, away from direct sunlight and out of reach of children.

## **PROBLEM SOLVING AND SUPPLEMENTAL POOL INFORMATION**

If algae, cloudiness, or pool problems develop consult your Authorized BAQUACIL® Dealer.