

1258-1264

10/21/2004

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 21 2004

Mr. Robert Gruber  
Arch Chemicals, Inc  
1955 Lake Park Drive  
Suite 250  
Smyrna, GA 30080

Subject: Baquacil Algicide  
EPA Registration No. 1258-1264  
Amendment Date: September 9, 2004  
EPA Receipt Date: September 20, 2004

Dear Mr. Gruber,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Registration Number and Ownership Change

#### Conditions

Revise the label as follows:

1. The "Directions for Use" needs to be restructured as follows:

#### Initial Dose:

Initial dose is used when filling the pool or upon .....use the recommended maintenance dose.

For persistent algae or slime producing microorganisms growth, ..... brushing the sides and bottoms of the pool frequently.

#### Maintenance Dose:

Maintenance dose should be added weekly. If high temperatures .....each 1,000 gallons of fresh make-up water added.

**Winterization:** When swimming season is over, add initial dose prior to closing the pool. This dose helps ..... before it is returned to use the following season.

2. According to labeling guidance for swimming pools, the label must state where the product should be added, the re-entry time for swimmers; and the pool conditions. Based

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

on a substantially similar product, you must state "This product's use dilution must be added directly into the water with the pump running. Swimmers or bathers must wait 15 minutes before re-entry."

3. The "Storage and Disposal" directions must be revised to comply with PR Notice 84-1 by stating:

Storage and Disposal: Store in original container in an area inaccessible to children and persons unfamiliar with this product's use. Keep from freezing. Do not reuse container. Rinse thoroughly, discard in the trash.

**General Comments**

A stamped label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure: Stamped Label

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Chlorine-free  
**Baquacil®**  
**ALGICIDE**

FOR CONTROL OF ALGAE AND ALGAL SLIME GROWTH IN SWIMMING POOLS

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C14, 30% C16, 5% C12 and 5% C18)  
dimethyl benzyl ammonium chloride .....49.8%  
n-Dialkyl (60% C14, 30% C16, 5% C12, and 5% C18)  
methyl benzyl ammonium chloride ..... 0.2%  
INERT INGREDIENTS: .....50.0%  
TOTAL .....100.0%

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated:**

OCT 21 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1258-1264

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**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**

- 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.

**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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 1258-1234

If lot # contains an "M" EPA Est. No. is 36209-NJ-01

If lot # contains a "B" EPA Est. No. is 4091-TN-3

Weight approx. 2 lbs./quart

Net Contents: 1 Quart (946 ml)

**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 or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing, and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage and disposal.

**STORAGE INSTRUCTIONS:** Store in original container in an area inaccessible to children. Keep from freezing.

**SPILL OR LEAK PROCEDURES:** Small spills may be mopped up, flushed away with water, or absorbed on some absorbent material and incinerated.

**PESTICIDE DISPOSAL:** To dispose of excess product, securely wrap original container in several layers of newspapers and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container. To dispose of empty container, rinse thoroughly before discarding in trash.

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

BAQUACIL ALGICIDE is compatible with many swimming pool chemicals, and, when used as directed, it is not harmful to the metal, paint, plaster, or tile surfaces of the swimming pool.

BAQUACIL ALGICIDE, when used as directed, will help improve the appearance and cleanliness of the swimming pool water.

BAQUACIL ALGICIDE helps inhibit the growth of unsightly algae.

BAQUACIL ALGICIDE will not lose its effectiveness or strength.

BAQUACIL ALGICIDE requires no special equipment for treating swimming pool water. The correct use-dilution may be added directly to the pool in any spot.

#### **DIRECTIONS FOR USE**

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

#### **SWIMMING POOLS**

**INITIAL DOSE:** Add 5 1/4 fluid ounces BAQUACIL ALGICIDE per 10,000 gallons of pool water.

**MAINTENANCE DOSE:** Add 1 1/4 fluid ounces BAQUACIL ALGICIDE per 10,000 gallons of pool water.

Initial dose is used when filling pool or upon conversion to BAQUACIL. If pool has visible algae growth, treat with initial dose. Vacuum pool after 24 hours to remove algae debris. If visible algae are still present or reappear, repeat this treatment procedure as necessary. When pool is free of visible algae, use the recommended maintenance dose.

Maintenance dose should be added weekly. If high temperatures prevail or pool has unusually heavy use, add maintenance dose more frequently. Maintenance dose should be added after a heavy or prolonged rainfall. If make-up water is added at the rate of more than 10% per week of pool capacity, add 1/2 fluid ounce BAQUACIL ALGICIDE for each 1,000 gallons of fresh make-up water added.

When swimming season is over, add initial dose prior to closing pool. This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

When BAQUACIL ALGICIDE is used as directed, it is effective against *Chlorella pyrenoidosa* (green algae), *Phormidium luridum* (black algae), *Lyngbya versicolor* (blue-green algae), and other swimming pool algae and slime producing microorganisms.

For persistent algae or slime producing microorganism growth, add 5-7 1/2 ounces of BAQUACIL ALGICIDE per 10,000 gallons of pool water into the skimmer with the filter pump running. After one minute, shut off the pump and allow the system to remain off overnight. The following day, restart the filter pump and add 5-7 1/2 ounces of BAQUACIL ALGICIDE to the pool. Run the filter continuously for 24-48 hours, brushing the sides and bottom of the pool frequently.

BAQUACIL is a registered trademark of Arch UK Biocides Limited.

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Made in U.S.A.

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P.O. Box 5204  
Norwalk, CT 06856-5204

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