



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

September 13, 2006

Julie Ownbey  
**Arch Chemical, Inc.**  
1955 Lake Park Drive, suite 250  
Smyrna, GA 30080

Subject: Notification per PR Notice 98-10  
**Baquacil Ultra Swimming Pool Sanitizer and Fungicide**  
EPA Registration Number 1258-1265  
Application Date: 09-Aug-2006  
Receipt Date: 16-Aug-2006

Dear Ms. Ownbey:

This acknowledges receipt of your application, submitted under the provision of PR Notice 98-10, FIFRA section 3(c) 9.

Proposed Notification

- added two ancillary products (BaquaSpa Oxidizer and BaquaSpa Waterline Control) to subject product labeling [Multi-Pack product labeling].

General Comments:

Based on a review of the material submitted, the following comment applies.

The subject application is acceptable. A copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, you may contact me by telephone at 703.308.6422 or by email at [heyward.adam@epa.gov](mailto:heyward.adam@epa.gov), or Stacey Grigsby by telephone at (703) 305-6440 or by email at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Heyward".

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



Arch  
Chemicals

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Arch Chemicals, Inc.  
1955 Lake Park Drive, Suite 100  
Smyrna, GA 30080  
770.805.3228 • Fax: 770.803.2576

August 9, 2006

Adam Heyward, Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7504P), OPP  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave. N.W.  
Washington, D.C. 20460

**SUBJECT: Label Notification for;**  
**Product: BAQUACIL® ULTRA SWIMMING POOL SANITIZER AND FUNGICIDE**  
**Registration # 1258-1265**  
**Company: Arch Chemicals Inc., Company number 1258**

Dear Mr. Heyward,

Please find enclosed a Notification for our registered product *Baquacil Ultra Swimming Pool Sanitizer and Fungicide*. We have added two ancillary products (BaquaSpa Oxidizer and BaquaSpa Waterline Control) to our current product label, to reflect our supplemental distributor's multi-pack product label. We are advising you of this notification since some states require multi-pack labels be registered and some states require US EPA acceptance of multi pack labeling prior registering. Therefore we believe these changes can be added as a notification per PR Notice 98-10.

Please find attached a copy of our label which has been revised to include these two ancillary products that have been highlighted in yellow on the label

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C., Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to Enforcement action and penalties under sections 12 and 14 of FIFRA.

Attached for your records is the completed Form 8570-1 and a copy of the revised label.

Thank you for your prompt attention regarding this application. If you have questions or need additional information, please feel free to contact me at (770) 805-3228 by phone and we will respond promptly.

Sincerely,  
Arch Chemicals, Inc

Julie Owbey  
Regulatory Specialist  
Attachments Form 8570-1 and label

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1258-1265	2. EPA Product Manager Adam Heyward	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Baquacil Ultra Swimming Pool Sanitizer and Fungicide	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Arch Chemicals, Inc. 1955 Lake Park Drive, Suite 250 Smyrna, GA 30080 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

This application is requesting a notification to our product label BAQUACIL® ULTRA SWIMMING POOL SANITIZER AND FUNGICIDE. We are adding two ancillary products to the label for our supplemental distributor.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Julie Ownbey	Title Regulatory Specialist	Telephone No. (Include Area Code) 770-805-3228
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Specialist	
4. Typed Name Julie Ownbey	5. Date August 09, 2006	

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Bromine-free, Chlorine-free

# Baquacil® Ultra Swimming Pool Sanitizer & Fungicide

Active Ingredient: Poly(iminoimidocarbonyliminoimidocarbonyliminohexamethylene hydrochloride) .....	20%
Inert Ingredients .....	80%
TOTAL.....	100%

**NOTIFICATION**  
 Date Reviewed: 9-13-06  
 Reviewed By: S. Grigsby

**WARNING: KEEP OUT OF REACH OF CHILDREN.**  
 See side panel for additional precautionary statements.

**FIGHTS TOUGH POOL PROBLEMS  
 WITH STAIN & SCALE CONTROL**

### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. AVOID CONTACT WITH SKIN OR CLOTHING. AVOID BREATHING VAPOR OR MIST. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. DO NOT GET IN EYES. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH CLOTHING BEFORE REUSE. WEAR GOGGLES OR FACE SHIELD WHEN HANDLING CONCENTRATE. MAY CAUSE ALLERGIC SKIN REACTION.

#### 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.

**IN CASE OF EMERGENCY CALL 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. 1258-1265  
 EPA Est. No. 4091-TN-3  
 EPA Est. No. 81635-GA-001

Net Contents: 56 oz. (1.72 Liters) 32 oz. 16 oz. or 8 oz.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE AND DISPOSAL**

Keep container closed when not in use. Store in original container in an area inaccessible to children.

**Protect From Freezing****In case of a leak or spill**

Soak up with absorbent, such as sand, earth, or sawdust, and shovel into waste container. Remove waste to chemical waste area, and dispose of in accordance with local pollution regulations.

**PESTICIDE DISPOSAL**

To dispose of excess product, securely wrap original container in several layers of newspaper 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.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. BAQUACIL ULTRA is effective for residential and public swimming pools and spas.

**{Use 1: Swimming Pools}****[Converting From Chlorine**

If you are using chlorine in your pool, it is important to eliminate the chlorine from the pool since BAQUACIL ULTRA Swimming Pool Sanitizer and Fungicide ("BAQUACIL ULTRA Sanitizer") is incompatible with chlorinating chemicals. Follow these simple steps:

1. Make sure your water is properly balanced. Take a sample of your pool water to your Authorized BAQUACIL Dealer for a complete water analysis. Adjust as necessary following your dealer's recommendations.
2. Use a chlorine test kit to check for the level of free and combined chlorine in your pool.
3. A. If your pool water is clear, add BAQUACIL Chlorine Neutralizer per label directions. Filter overnight.  
B. If your pool water is cloudy or algae is present, add one gallon of BAQUACIL Oxidizer per 10,000 gallons of pool water. Filter overnight.
4. The next morning, check with your chlorine test kit for free and combined chlorine. If free chlorine is detected, repeat steps indicated above.

**Freshly Filled, Dechlorinated or BAQUACIL Pools**

To get started properly with BAQUACIL ULTRA Sanitizer, follow these steps:

1. Backwash or chemically clean your pool's filter with BAQUACIL Filter Cleaner. Check the pool's pH adjusting to a range between 7.2 - 7.8 if necessary.
2. Add BAQUACIL ULTRA System Start-Up following label directions.
3. Add BAQUACIL ULTRA Sanitizer at a rate of 56 oz. per 10,000 gallons of pool water to obtain an initial reading of 50 ppm. Filter overnight.
4. After 24 hours, use BAQUACIL ULTRA Test Strips to check the pool's pH and BAQUACIL ULTRA Sanitizer reading and adjust if necessary.

**Normal Pool Maintenance**

To properly maintain your pool with BAQUACIL ULTRA Sanitizer during the swimming season, follow these steps on a weekly basis:

1. Once a week, check the BAQUACIL ULTRA Sanitizer concentration, pH and total alkalinity in your pool.

2. Maintain your BAQUACIL ULTRA Sanitizer concentration between 30 and 50 ppm. To insure proper sanitization and protection, the level should never be allowed to drop below 30 ppm. To raise the BAQUACIL ULTRA Sanitizer concentration 10 ppm, add 14 oz. per 10,000 gallons of pool water. Review the weekly maintenance dosage chart found in your BAQUACIL ULTRA Pool Care Guide.
3. Every week, add one pouch of BAQUACIL ULTRA Oxidizer Increaser Tablets per 10,000 gallons of pool water.

**PROBLEM SOLVING AND SUPPLEMENTAL POOL INFORMATION**

Please remember that BAQUACIL ULTRA Sanitizer and chlorine-based chemicals are not compatible. If you accidentally add chlorine to your swimming pool, refer to the BAQUACIL ULTRA Pool Care Guide for troubleshooting techniques.

Do not use BAQUACIL ULTRA Sanitizer in unpainted plaster pools previously exposed to metals that may cause staining (see BAQUACIL ULTRA Pool Care Guide for specific information). Do not use in free standing spas or hot tubs. BAQUACIL ULTRA Sanitizer is not compatible with many detergents and some algicides (such as those based on copper). Always check with your Authorized Dealer for compatibility before adding a product that isn't labeled BAQUACIL or BAQUACIL ULTRA. If algae, cloudiness or pool problems develop consult your Authorized BAQUACIL Dealer.]

**{Use 2: Spa or Hot Tub}**

**[Treating the spa or hot tub:**

Important – BaquaSpa Sanitizer with Stain & Scale Control is incompatible with chlorinating and brominating chemical products.

**Start-Up with BaquaSpa Sanitizer with stain & Scale Control:**

1. Remove chlorine or bromine source and disconnect feeder. Discontinue use of ionizers and electrochlorinators if present.
2. Drain existing water in spa.
3. Clean spa surface and filter.
4. Fill spa with water.
5. Have your Authorized Dealer of BaquaSpa check your water for proper water balance.
6. After water has been balanced, add BaquaSpa Sanitizer with Stain & Scale Control to give a concentration of 50 ppm (1 oz. of product per 150 gallons of spa water).
7. Circulate water 15 minutes, then check BaquaSpa Sanitizer concentration with BaquaSpa Test Strips and adjust if necessary.

**Normal Spa Maintenance:**

1. Every week, check BaquaSpa Sanitizer with Stain & Scale Control concentration and pH. Adjust if necessary.
2. The level of BaquaSpa Sanitizer with Stain & Scale Control should be maintained between 30 and 50 ppm. When the level of BaquaSpa Sanitizer with Stain & Scale Control is 30 ppm or less, add enough BaquaSpa Sanitizer with Stain & Scale Control to bring the level up to 50 ppm. The spa's level of BaquaSpa Sanitizer with Stain & Scale Control should never be allowed to drop below 30 ppm. To raise the BaquaSpa Sanitizer with Stain & Scale Control level 10 ppm, add 0.2 oz. per 150 gallons of spa water.]

**{Use 3: Treating Spas on the BAQUACIL Ultra Sanitizer and Fungicide Automated Dosing System}**

**[Start-up**

1. Connect container to appropriate feed line for the BAQUACIL Ultra Sanitizer and Fungicide Automated Dosing System.
2. The BAQUACIL Ultra Sanitizer and Fungicide Automated Dosing System will deliver an initial dose of BAQUACIL Ultra Sanitizer and Fungicide to the spa water to obtain an initial reading of 50 ppm
3. After approximately 24 hours, take a water sample to your Authorized BAQUACIL Ultra Dealer for complete water analysis.

**Normal Spa Maintenance**

1. Once a week, check the BAQUACIL Ultra Sanitizer and Fungicide concentration, using BaquaSpa Test Strips.
2. To insure proper stabilization and protection, maintain your BAQUACIL Ultra Sanitizer and Fungicide concentration level between 30 and 50 ppm.
3. Once a month, take a water sample to your Authorized BAQUACIL Ultra Dealer for complete water analysis]

**{Use 4: AutoFresh Water Care System ONLY}**

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Bromine-Free, Chlorine-Free  
BaquaSpa® Sanitizer with Stain & Scale Control

Active Ingredient: Poly(iminoimidocarbon  
yliminoimidocarbonyliminohexamethylene  
hydrochloride) .....20%  
Inert Ingredients ..... 80%  
TOTAL.....100%

**WARNING: KEEP OUT OF REACH OF CHILDREN.**

See inside panel for additional precautionary statements and first aid treatment.

Net Contents: 16 oz. (473 ml)

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. BaquaSpa is effective for use in residential and public spas.

**Treating Spas on the AutoFresh water care system:**

**Start-up**

1. Connect the chemical carrier to the appropriate AutoFresh water care system feed lines as instructed in the AutoFresh Owner's Manual.
2. The AutoFresh water care system will deliver an initial dose of BaquaSpa Sanitizer with Stain & Scale Control to the spa water to obtain an initial reading of 50 ppm.

**Normal Spa Maintenance**

1. Check the BaquaSpa Sanitizer with Stain & Scale Control concentration using the AutoFresh water care system test strips anytime before the system defaults to "Use Parameter 1" which is every 14 days.

2. To insure proper sanitization and protection, the BaquaSpa Sanitizer with Stain & Scale Control concentration should be maintained between 30 and 50 ppm.
3. Consult the AutoFresh water care system Owner's Manual for proper maintenance instructions.

**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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE AND DISPOSAL****STORAGE**

DO NOT OPEN CHEMICAL CARRIER. Keep from freezing. Store chemical carrier in a cool, dry place away from direct sunlight. Keep chemical carrier away from acids, other oxidizers, and combustible material. Safely store chemical carrier in an area inaccessible to children and pets.

**CHEMICAL SPILL OR LEAK**

Wear eye and skin protection when cleaning up spill or leak. Contain spill. In case of leak or spill, soak up with absorbent, such as sand or earth, and shovel into waste container. To dispose of leaking chemical carrier, securely place chemical carrier in a trash bag and discard in trash. Remove waste to chemical waste area, and dispose of in accordance with local pollution regulations.

For information on spills, call 1-800-654-6911

**CONTAINER DISPOSAL**

DO NOT REUSE CHEMICAL CARRIER. To dispose of chemicals contained in the chemical carrier, activate the "PURGE" mode on the AutoFresh system. Please consult the AutoFresh Owner's Manual if you have any question concerning this mode. After use, dispose of chemical carrier with normal trash.

**SANITIZER****PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

KEEP OUT OF REACH OF CHILDREN



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HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. AVOID CONTACT WITH SKIN OR CLOTHING AVOID BREATHING VAPOR OR MIST. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. DO NOT GET IN EYES. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH CLOTHING BEFORE REUSE. WEAR GOGGLES OR FACE SHIELD WHEN HANDLING  
FACE SHIELD WHEN HANDLING CONCENTRATE. MAY CAUSE ALLERGIC SKIN REACTION.

## [Bromine-Free, Chlorine-Free BaquaSpa® Oxidizer]

Contains: CAS No.  
Water.....7732-18-5  
13.5% Hydrogen Peroxide.....7722-84-1

**DANGER: OXIDIZER, CORROSIVE.  
KEEP OUT OF REACH OF CHILDREN.**

Causes eye burns. Repeated or prolonged skin contact can cause irritation or burns. Harmful if swallowed. Effects may be delayed. See inside panel for additional precautionary statements and first aid treatment

### PRECAUTIONARY STATEMENTS

**DANGER  
KEEP OUT OF REACH OF CHILDREN**  
Contains 13.5% Hydrogen Peroxide

**FOR YOUR SAFETY** - The concentrated form of BaquaSpa Oxidizer should not be allowed to come into contact with any other chemicals. **DO NOT MIX BAQUASPA OXIDIZER AND OTHER PRODUCTS TOGETHER, SINCE A CHEMICAL REACTION PRODUCING HEAT AND GASES MAY OCCUR.**

BaquaSpa Oxidizer

can cause eye burns. Repeated or prolonged skin contact can cause irritation or burns. BaquaSpa Oxidizer is harmful if swallowed. Effects may be delayed. Do not get in eyes, on skin, or on clothing. Wear safety goggles and rubber gloves when handling the concentrated product. Do not swallow. Avoid contact with combustible material. Spilling of this material on clothing or combustible material may result in combustion. Avoid breathing vapor or mist. Use with adequate ventilation. Wash thoroughly after handling.

## [Bromine-Free, Chlorine-Free BaquaSpa® Waterline Control]

Contains: CAS No.  
Bis (hydrogenated tallow alkyl) dimethyl quaternary chlorides .....61789-80-8  
Bis (hydrogenated alkyl methyl amines) hydrochloride.....61788-63-4  
Isopropyl Alcohol.....67-63-0

**CAUTION: KEEP OUT OF REACH OF CHILDREN.**

May be injurious to skin, eyes, and mucous membranes. See inside panel for additional precautionary statements and first aid treatment.

### WATERLINE CONTROL

Patent # 5,668,084

### PRECAUTIONARY STATEMENTS

**CAUTION  
KEEP OUT OF REACH OF CHILDREN**  
MAY BE INJURIOUS TO SKIN, EYES, AND MUCOUS MEMBRANES. DO NOT MIX CHEMICALS.  
KEEP CONCENTRATE OUT OF EYES.

10/10

[BAQUACIL] [BaquaSpa] [brand] is a registered trademark of Arch UK Biocides Limited.

Arch Chemicals, Inc.,  
Smyrna, GA 30080

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