



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 3, 2001

Mr. Mark Jernigan  
Federal Registration Manager  
Aqua-Clear Industries, Inc.  
Regulatory Affairs Department  
POB 1489  
Decatur, GA 30031-1489

Subject: Aqua Clear Aqua Burn  
EPA Registration No 45309-6  
Application Date: 9/07/2001  
Receipt Date: 9/17/01

Dear Mr. Jernigan:

This letter acknowledges receipt of Aqua Clear's application for amendment for:

- Response to PR Notice 2001-1;
- Addition to marketing statement to the front panel;
- Modifications application method in the use directions;
- Addition of a storage and disposal statement specifically for product sold in bags;
- Modifications to existing storage and disposal, hazards to humans and domestic animals, and physical or chemical hazards statements consistent with product 51835-238;
- Addition of two additional sources of active ingredient to the CSF.

These amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are conditionally acceptable provided that you address the following specific deficiencies.

**Major Deficiencies**

1. The optional marketing claim "Kills bacteria" is too broad and must be deleted. Any bactericidal claims must be specific to the bacteria tested for in the pertinent efficacy studies.

- 2. The percent active ingredient of the two alternate sources that you propose to add do not match that of your primary source. For this reason, the Agency denies your request to add these two alternate sources. You must submit a revised CSF identifying your primary source. You may choose to include alternate sources, as long as they are identical in composition.

**Important Deficiencies**

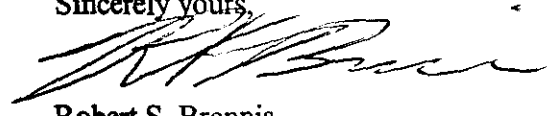
Revise the label as follows:

- The note to physician needs to follow and be separated from the first aid statement.

**General Comments**

- Should you have any questions or comments concerning this letter, please contact Patrick Dobak at (703) 308-8180.

Sincerely yours,



Robert S. Brennis  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobial Division (7504C)

{All text in brackets [xxx] is optional and may or may not be included on a final label.}  
{All text in braces {xxx} is administrative and will not appear on a final label.}

AQUA CLEAR® AQUA BURN®

- {Optional marketing statements.}
- [Pool Water Shock Treatment]
- [Granular Shock Treatment]
- [Destroys organic contaminants during shock treatment]
- [Destroys Organic Waste and Raises Chlorine Level]
- [Superchlorinator for Swimming Pools]
- [Restores a crystal clarity to pool water]
- [Shock Treatment]
- [Destroys Organic Waste]
- ~~[Kills bacteria]~~
- [Controls algae]
- [For Multi-Purpose Use]

ACTIVE INGREDIENT:	
Calcium Hypochlorite	67.0%
OTHER INGREDIENTS:	33.0%
TOTAL	100.0%

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

See [back] [side] panel for additional precautionary statements.

**FIRST AID:** IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call 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 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 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. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [telephone number supplied by supplemental registrant].]

MANUFACTURED FOR:  
AQUA CLEAR INDUSTRIES, INC.  
DECATUR, GEORGIA

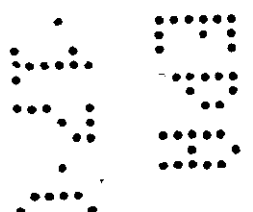
NET WEIGHT:

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated:**  
**OCT 03 2001**

EPA REG. # 45309-6  
EPA EST. # 5185-CAN-1

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

45309-6



Swimming pool water is subject to the build up of organic contaminants. Suntan lotion, perspiration and mucous-like discharges all contribute to this accumulation. These organic wastes should be removed from the pool water periodically. This product effectively reduces organic waste contamination in swimming pool water and restores water clarity.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**Shock Treatment:** Add this product at the rate of 1 lb. per 10,000 gallons of pool water. With the circulation system of the pool on, broadcast over a large area into the deep end of the pool the entire dosage. Brush any undissolved product off the surface of the pool with a surface compatible brush.

This product should be added to pool when pool is not in use. An initial high chlorine reading will result and pool should not be used until chlorine residual drops to between 1 and 3 ppm as determined by a suitable test kit.

This product is recommended once a week in pools that receive heavy usage and during extended periods of hot weather. Use this product once every two weeks in pools receiving normal usage. Between treatments with this product, maintain chlorine residual between 1 and 3 ppm using a suitable test kit. Follow instructions on label of specific product used for daily chlorination.

**For control of algae:** This product will destroy many stains caused by algae. Dead algae will come to rest on pool floor, remove by vacuuming. To control algae, add this product at a rate of 1 lb. per 8,000 gallons of pool water, using the application method described above.

Reentry into treated swimming pools is prohibited above levels of 3 ppm chlorine due to risk of body injury.

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*{Storage and Disposal directions when product is sold in bags.}*

**[STORAGE AND DISPOSAL** Keep this product **dry** in its original unopened bag until use. For partially used bags, fold over top of bag and **secure with** adhesive tape. Store unopened and partially used bags in a secure location away from **children**. Store in a cool, dry, well ventilated area away from heat or open flame. Moisture may **decompose this** product and cause a violent reaction leading to fire and explosion. In case of decomposition, **isolate** container if possible and flood area with large amounts of water to dissolve all material **before discarding** this container. Do not contaminate food or feed by storage or disposal. **CONTAINER DISPOSAL:** Rinse empty bag thoroughly. Discard in trash. Do not reuse bag.]

*{Storage and Disposal directions when product is sold in bottles.}*

**STORAGE AND DISPOSAL:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible **and flood** area with large amounts of water to dissolve all material before discarding this container. **Do not contaminate** food or feed by storage or disposal. **CONTAINER DISPOSAL:** Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER:** Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. **Do not** get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves **when handling** this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove **and wash** contaminated clothing before reuse. For skin or eye contact, or if dust/fumes are inhaled, **immediately** follow first aid instructions on front label panel.

**PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. **Never add** water to product. Always add product to large quantities of water. Use clean dry utensils. **Do not** add this product to any dispensing device containing remnants of any other product. **Such use** may cause a violent reaction leading to fire or explosion. Contamination with moisture, **organic matter** or other chemicals will start a chemical reaction and generate heat, hazardous gas, **possible** fire and explosion. In case of contamination or decomposition, do not reseal container. If **possible**, isolate container in open air or well ventilated area. Flood area with large volumes of water.

*{Environmental hazards statement for end-use products in containers of less than 50 pounds (solid, dry weight).}*

**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms.]

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**Under the Federal Insecticide,  
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**45309-6**

*{Environmental hazards statement for end-use products in containers of equal to or greater than 50 pounds (solid, dry weight).}*

**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. 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.]

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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