



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 31, 2015

Ms. Joanna Holcombe  
Applied Biochemists  
1200 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

Subject: Notification per PRN 98-10 – Adding optional graphics and relocating the Precautionary Statements, First Aid Statements, and Environmental Hazards before the directions.  
Product Name: Black Algaetrine  
EPA Registration Number: 8959-14  
Application Date: August 27, 2015  
Decision Number: 508711

Dear Ms. Holcombe:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact Jacqueline Hardy 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".

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

**Note to Reviewer:**

{Items in braces {AAA} are for information purposes and will not appear on final label}

[Items in brackets [AAA] are optional and may/may not be included on final label]

# BLACK ALGAETRINE® ALGAECIDE For Swimming Pools

**ACTIVE INGREDIENTS:**

Copper ethanolamine complex, mixed (mono CAS# 14215-52-2 and tri CAS# 82027-59-6)\* .... 9.5%

n-Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>) dimethyl benzyl ammonium chloride: ..... 26.3%

OTHER INGREDIENTS: ..... 64.2%

**TOTAL:** ..... 100.0%

\*Contains 0.27 lbs. of elemental copper per gallon. Metallic copper equivalent, 3.07%

## NOTIFICATION

8959-14

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/31/2015

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

SEE PRECAUTIONARY STATEMENTS ON [BACK] [SIDE] PANEL.

**FIRST AID:** {required on front panel}

**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 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 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 a poison control center or doctor for further treatment advice.

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.

IN CASE OF EMERGENCY CALL: 1-800-654-6911

EPA REG. No. 8959-14      EPA Est. No. xxxx-yy-zz

NET CONTENTS: \_\_\_\_ FL. OZ. (\_\_\_\_ mL)

### APPLIED BIOCHEMISTS

1400 Bluegrass Lakes Parkway

Alpharetta, GA 30004

AppliedBio.net

{Also made for GLB (Algimycin 1000)}

[GLBPoolSpa.com]

{Also made for Robarb (Black Robacide)}

[Robarb.com]

Black Algaetrine Algaecide For Swimming Pools

EPA Reg. No: 8959-14

EPA Draft Label 2015-08-27

*{Side or Back Panel}*

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER Corrosive.** Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. 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**

*{For end-use products in containers  $\geq$ 5 gallons (50 lbs) use the full paragraph; all others use only the first sentence.}*

This product 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.

### **PHYSICAL/CHEMICAL HAZARDS:**

Avoid contact with strong acids and oxidizers. Do not store near heat or open flame.

### **IN CASE OF SPILL:**

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Do not use clay to absorb spill. Avoid release into the environment.

*{Nonrefillable container - Household/Residential use}*

### **STORAGE AND DISPOSAL**

[Keep this product dry in tightly closed container away from persons and children unfamiliar with its use. Store in cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If not, wrap and discard in trash.]

*{Nonrefillable container-Commercial Use}*

### **STORAGE AND DISPOSAL**

Do not contaminate food or feed by storage or disposal.

**Pesticide Storage:** Keep this product dry in tightly closed container away from persons and children unfamiliar with its use. Store in cool, dry, well-ventilated area. Keep away from heat or open flame.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

## **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.]

*{Only One of these statements A or B would be used}*

*{A}* [This product controls the growth of algae in swimming pools. Brush algae spots prior to application. If necessary, brush once each day for two days following application. Before applying, adjust pool water pH to 7.2-7.8 as determined by a [brand/product name] [appropriate] suitable test kit. Apply this dosage into the water around the edge of the pool.] Do not concentrate the application in only one area.]

*{B}* [This product controls the growth of algae in swimming pools. Brush algae spots prior to application. If necessary, brush once each day for two days following application. Before applying, adjust pool water pH to 7.2-7.8 as determined by [product name] [appropriate] a suitable test kit. Apply this dosage into the water around the edge of the pool.] Do not concentrate the application in only one area.]

*{Only One of these statements A or B would be used}*

*{A}* [**VISIBLE ALGAE GROWTH:** Apply 12 ounces of this product per 10,000 gallons of pool water. Settled algae debris may be removed by vacuuming.]

*{B}* [**VISIBLE ALGAE GROWTH:** Brush sides and bottom of pool. Apply 12 ounces [of product name] per 10,000 gallons of pool water. After pool clears, settled debris may be removed by vacuuming.]

**VERY DIRTY POOL WITH HEAVY ALGAE GROWTH:** First vacuum, clean, and scrub walls. Apply 12 ounces of [product name] per 10,000 gallons of pool water. Vacuum to remove algae debris.

**MAINTENANCE DOSE:** (Free of visible algae) Apply 6 ounces of [product name] per 10,000 gallons of pool water every 5 to 7 days. NOTE: If high temperatures prevail or pool has unusually heavy use, add maintenance dose more frequently.

### **TO ESTIMATE POOL CAPACITY**

Square or Rectangular Pools -  $L \times W \times D \times 7.5 = \text{Gallons}$

Circular or Elliptical Pools -  $L \times W \times D \times 5.9 = \text{Gallons}$

{Optional marketing claims:}



[ ]

[Algaecide]

[Black Algaetrine® is a registered trademark of Arch Chemicals, Inc.]

[Compatible with all sanitizers including bromine, chlorine, salt water, ozone and minerals.]

[Controls black algae and other resistant forms]

[Controls the Growth of Problem Algae]

[Eliminates and prevents [black] algae]

[Effective treatment against [black] algae]

[Formulated specifically for treating [black] algae]

[It is easier to prevent algae growth than to destroy established algae. Start treatment with a clear pool if possible.]

[Kills and Prevents [Black] Algae]

[No pH adjustment necessary before use]

[Non-foaming formula]

[Prevents reoccurrence of black algae]

[Specialty Care]

[The brand the pros use]

[This product is most effective when used in conjunction with other [company or brand name] pool care products]

[This product will kill and help prevent future growth of black algae.]

[This product will kill and help prevent future growth of [reoccurring] [black] algae. It is most effective when used in conjunction with [product name] [pool care] products.]

[This product works best when added by itself directly to pool water; therefore, it should not be mixed with soap or other cleaners or pre-mixed with other water treating chemicals.]

[Treatment Algaecide for Reoccurring Algae]

[Works in 24 hours]

[Your black algae problem solver!]

### {Steps}

[Step 4] [Algaecide]

[Step 4 Algaecide]

[Step 4 Algae Preventer]

{Note to reviewer: The following are optional proprietary graphics}

