

**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:** This product is toxic to fish and aquatic organisms.

**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.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 suitable test kit. Apply this dosage into the water around the edge of the pool. Do not concentrate the application in only one area.

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

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

**MAINTENANCE DOSE:** (Free of visible algae) Apply 6 ounces of **Black Algaetrine®** 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 -

$L \times W \times D \times 7.5 =$  Gallons

Circular or Elliptical Pools -

$L \times W \times D \times 5.9 =$  Gallons

**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.



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2015-2017** LIC. NO.

**9123.7**

Each marking represents approximately 2 fl. oz.

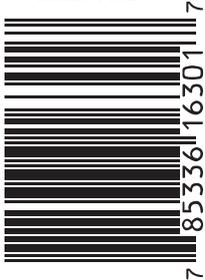


Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2012-2014** LIC. NO.

PART NO. 352866  
ITEM NO. 406303A  
406303A-A-1112



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



EPA REG. NO. 8959-14  
Superscript used in Lot No.  
EPA EST. NO. 42291-GA-1<sup>(A)</sup>  
EPA EST. NO. 52270-GA-03<sup>(B)</sup>

Sold by:  
APPLIED BIOCHEMISTS  
1400 Bluegrass Lakes Pkwy.  
Alpharetta, GA 30004

AppliedBio.net

Customer Care Center:  
1-800-455-4311

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



**BLACK**

**ALGAETRINE®**



**ALGAECIDE  
FOR SWIMMING POOLS  
CONTROLS BLACK ALGAE  
AND OTHER  
RESISTANT FORMS**

**ACTIVE INGREDIENTS:**

Copper ethanolate complex, mixed  
(mono CAS# 14215-52-2 and tri CAS# 82027-59-6)\* .....9.5%  
n-Alkyl (50% C<sub>12</sub>, 40% C<sub>14</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%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

SEE PRECAUTIONARY STATEMENTS ON BACK PANEL

**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 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**



APPLIED BIOCHEMISTS

NET CONTENTS 1 QT (946 ml)

## PRECAUTIONARY STATEMENTS

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**ENVIRONMENTAL HAZARDS:** 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 Regional Office of the EPA.

**PHYSICAL/CHEMICAL HAZARDS:** Avoid contact with strong acids and oxidizers. Do not store near heat or open flame.

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

**PATENT NO. 4,324,578**

**EPA REG. NO. 8959-14**

Superscript Used in Lot No.:

**EPA EST. NO. 42291-GA-1<sup>(AD)</sup>**

**EPA EST. NO. 52270-GA-03<sup>(C)</sup>**

**EPA EST. NO. 1258-TN-01<sup>(CH)</sup>**

**Sold by:**

Applied Biochemists,  
an Arch Chemicals, Inc. business  
1400 Bluegrass Lakes Pkwy  
Alpharetta, GA 30004

**AppliedBio.net**

Customer Care center:  
1-800-455-4311

**IN CASE OF EMERGENCY CALL:**

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**VISIBLE ALGAE GROWTH:** Apply 12 fl. oz. of this product per 10,000 gallons of pool water. Settled algae debris may be removed by vacuuming.

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### TO ESTIMATE POOL CAPACITY

Square or Rectangular Pools - L x W x D x 7.5 = Gallons

Circular or Elliptical Pools - L x W x D x 5.9 = Gallons

### 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 a cool, dry, well-ventilated area. Keep away from heat or open flame.

**Pesticide Disposal:** Pesticides 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 ¼ 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.



**LICENSED**

**PERIOD 2015-2017 LIC. NO. 9123.7**

**ITEM NO. 27282A  
PART NO. 352993  
27282A-A-0514**

# BLACK ALGAETRINE®

**ALGAEICIDE  
FOR SWIMMING POOLS**

**CONTROLS BLACK ALGAE  
AND OTHER RESISTANT FORMS**

### ACTIVE INGREDIENTS:

Copper ethanalamine 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>10</sub>) dimethyl benzyl  
ammonium chloride: .....26.3%

**OTHER INGREDIENTS:** .....64.2%  
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1-800-654-6911**



**APPLIED BIOCHEMISTS**

NET CONTENTS: 275 GALLONS (1,041 L)