

PM33

5185-473

3/11/99

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

169



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

5185-473

Date of Issuance:

MAR 11 1999

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Terminator

under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bio-Lab, Inc.  
P.O. Box 1489  
Decatur, GA. 30031-1489

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Registration No. "5185-473".

Marshall Swindell, PM-33  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Date:

MAR 11 1999

EPA Form 8570-6

## CONCURRENCES

SYMBOL	7510C						
SURNAME	M. Swindell						
DATE	3/4/99						

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

page 2  
EPA Reg. No. 5185-473

3. Submit two copies of the revised final printed label for the record.

The Confidential Statement of Formula dated June 9, 1998, is acceptable.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Pam Hasty at (703)308-7933.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Enclosure

{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.}

## Terminator [Algaecide]

{Optional marketing statements that may be used with prevention and treatment of algae}

[Kills and Controls All Pool Algae Types]

[Prevents and Kills Green, Mustard and Black Algae]

[Non-Staining and Ideal for Pools]

[Non-Staining]

[Ideal for Pools]

[Results in 24 Hours]

[Simple Solution for All Pool Algae Problems]

[A Non-Staining, All Purpose Preventative Pool Algaecide]

[A Preventative Pool Algaecide]

[A Non-Staining Pool Algaecide]

[An All Purpose Pool Algaecide]

[A Non-Staining All Purpose Pool Algaecide]

[An Effective, Non-Staining Pool Algaecide for All Types of Algae]

[A Non-Staining Pool Algaecide for All Types of Algae]

[An Effective, Pool Algaecide for All Types of Algae]

[An Effective, Non-Staining Pool Algaecide for All Types of Algae]

[An Effective Pool Algaecide for All Types of Algae]

{Optional marketing statements that may be used with prevention of algae}

[Controls All Pool Algae Types]

[Prevents Green, Mustard and Black Algae]

[Non-Staining and Ideal for Pools]

[Non-Staining]

[Ideal for Pools]

[A Non-Staining, All Purpose Preventative Pool Algaecide]

[A Preventative Pool Algaecide]

[A Non-Staining Pool Algaecide]

[An All Purpose Preventative Pool Algaecide]

[A Non-Staining Preventative Pool Algaecide]

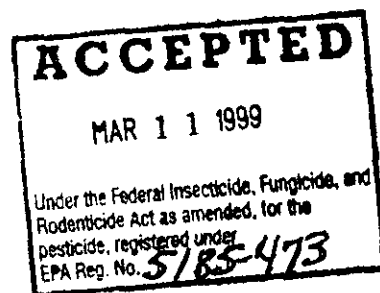
[An Effective, Non-Staining Pool Algaecide for All Types of Algae]

[A Non-Staining Pool Algaecide for All Types of Algae]

[An Effective, Pool Algaecide for All Types of Algae]

[An Effective, Non-Staining Pool Algaecide for All Types of Algae]

[An Effective Pool Algaecide for All Types of Algae]



{Optional marketing statements that may be used with treatment of visible algae}

[Treats 10,000 gallons] {This statement will only be used when sold in pint bottles for Treatment}

[Treats 20,000 gallons] {This statement will only be used when sold in quart bottles for Treatment}

[Treats 40,000 gallons] {This statement will only be used when sold in half gallon bottles for Treatment}

[Kills All Pool Algae Types]

[Kills Green, Mustard and Black Algae]

[Non-Staining and Ideal for Pools]

[Non-Staining]

419

[Ideal for Pools]  
[Results in 24 Hours]  
[Kills All Types of Pool Algae]  
[A Non-Staining Pool Algacide]  
[An Effective, Non-Staining Pool Algacide for All Types of Algae]  
[A Non-Staining Pool Algacide for All Types of Algae]  
[An Effective Pool Algacide for All Types of Algae]  
[An Effective, Non-Staining Pool Algacide for All Types of Algae]  
[An Effective Pool Algacide for All Types of Algae]

*{Optional marketing statements that may be used with winterization.}*

[Specially Formulated to Meet the Specific Needs of Winter Pool Water]

[Use for Complete Winter Protection]

[Prevents Algae Growth During Winter Months]

[Treats 12,000 gallons] *{This statement will only be used when sold in pint bottles for Winterization}*

[Treats 24,000 gallons] *{This statement will only be used when sold in quart bottles for Winterization}*

[Treats 48,000 gallons] *{This statement will only be used when sold in half gallon bottles for Winterization}*

ACTIVE INGREDIENT:

Copper (metallic)\* 3.3%

OTHER INGREDIENTS:\*\* 96.7%

Total 100%

\*Derived from copper sulfate pentahydrate

\*\*Contains polymeric polyacrylate and gluconate stabilizing agents

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID: CONTACT WITH EYE OCCURS: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician or poison control center immediately. IF CONTACT WITH SKIN: Wash with plenty of soap and water. If irritation develops, get medical attention. [IN CASE OF A MEDICAL EMERGENCY, CALL [1-877-800-5553][telephone number supplied by supplemental registrant].]

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

MANUFACTURED BY:

BIOLAB, INC.

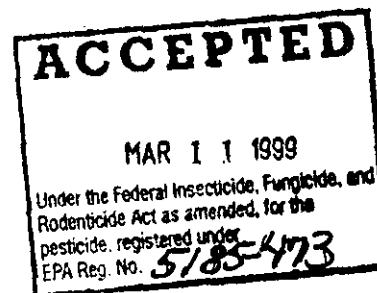
DECATUR, GEORGIA

EPA REG. # 5185-UTG

EPA EST. # 5185-GA-1

[U.S. Patent # 5,541,150]

Net Contents:



*{Directions to be used for prevention and treatment of algae}*

## Swimming Pool Algaecide and Algae Preventative

**Terminator** [algaecide] is a highly effective, patented, non-staining algaecide that kills and controls all types of algae in swimming pools. **Terminator** [algaecide] is especially recommended for killing and controlling green, blue-green (frequently called black or spot algae) and mustard algae growths. This product is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.

### IMPORTANT NOTES:

1. Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
2. Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply a metal stain preventative per label directions.
3. When using other products, always follow label directions for those products.
4. In use dilution, this product is non-staining to pool surfaces and equipment.

### 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.

### PRIOR TO APPLICATION:

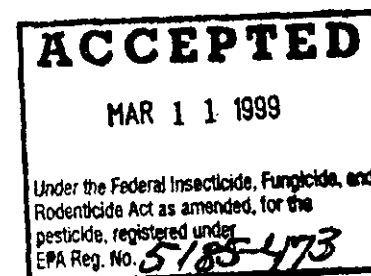
1. Ensure all equipment is working properly. If necessary, clean the filter system.
2. Adjust pH between 7.2-7.6.
3. Establish and maintain proper chlorine or bromine levels. In chlorine-treated pools, add stabilizer to establish a minimum level of 30-40 ppm of cyanuric acid to reduce the degrading effects of sunlight on chlorine residual.
4. Vacuum leaves and any other foreign debris from pool.
5. Brush visible algae thoroughly from the pool's surface with a surface-compatible brush.

### TO PREVENT ALGAE:

1. Initially apply 8 fluid ounces of this product per 10,000 gallons of pool water with pump and filter operating.
2. Thereafter, for weekly application intervals, add 1.5 fluid ounces per 10,000 gallons of pool water. For two week application intervals, add 3 fluid ounces per 10,000 gallons of pool water every other week. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.

### TREATMENT OF VISIBLE ALGAE:

1. Add 1 lb. of [BreakOut] [granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [BreakOut 35] [granular lithium hypochlorite] per 6,000 gallons of pool water. Follow application directions on these products.
2. Allow to circulate for 1 hour.
3. With pump and filter operating, apply 16 fluid ounces of **Terminator** [algaecide] per 10,000 gallons of pool water directly to the pool water in areas of heaviest algae growth.
4. Continuously circulate pool water for 24 hours.
5. The next day, thoroughly brush pool surfaces.
6. In cases of persistent algae, repeat brushing and product application after 2-4 days.
7. The use of a filter aid will enhance filter efficiency and algae removal.



*{Directions to be used for prevention of algae}*

## Prevention of Algae

**Terminator** is a highly effective, patented, non-staining algaecide that controls all types of algae in swimming pools. **Terminator** [algaecide] is especially recommended for controlling green, blue-green (frequently called black or spot algae) and mustard algae growths. This product is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.

### IMPORTANT NOTES:

1. Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
2. Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply a metal stain preventative per label directions.
3. In use dilution, this product is non-staining to pool surfaces and equipment.
4. This product is designed to prevent the growth of algae. If visible growth is already present, it will be necessary to use a treatment product to kill the visible algae. See your [Guardex] [Hydrotech] [Omni] Dealer.

### DIRECTIONS FOR USE:

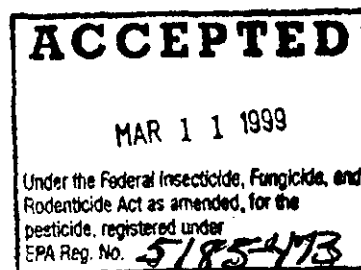
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

### PRIOR TO APPLICATION:

1. Ensure all equipment is working properly. If necessary, clean the filter system.
2. Adjust pH between 7.2-7.6.
3. Establish and maintain proper chlorine or bromine levels. In chlorine treated pools, add stabilizer to establish a minimum level of 30-40 ppm of cyanuric acid to reduce the degrading effects of sunlight on chlorine residual.
4. Vacuum leaves and any other foreign debris from pool.
5. Brush pool thoroughly with a surface-compatible brush.

### TO PREVENT ALGAE:

1. With pump and filter operating, initially apply 8 fluid ounces of this product per 10,000 gallons of pool water.
2. Thereafter, for weekly application intervals, add 1.5 fluid ounces per 10,000 gallons of pool water. For two week application intervals, add 3 fluid ounces per 10,000 gallons of pool water every other week. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.



7/9

{Directions to be used for treatment of visible algae}

## Treatment of Visible Algae

**Terminator** is a highly effective, patented, non-staining algaecide that kills all types of algae in swimming pools. **Terminator** algaecide is especially recommended for killing green, blue-green (frequently called black or spot algae) and mustard algae growths. This product is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.

### IMPORTANT NOTES:

1. Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
2. Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply a metal stain preventative per label directions. •
3. In use dilution, this product is non-staining to pool surfaces and equipment.

### DIRECTIONS FOR USE:

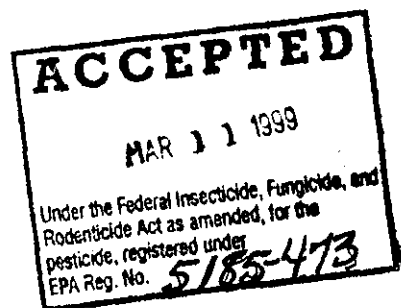
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions

### PRIOR TO APPLICATION:

1. Ensure all equipment is working properly. If necessary, clean the filter system.
2. Adjust pH between 7.2-7.6.
3. Establish and maintain proper chlorine or bromine levels. In chlorine-treated pools, add stabilizer to establish a minimum level of 30-40 ppm of cyanuric acid to reduce the degrading effects of sunlight on chlorine residual.
4. Vacuum leaves and any other foreign debris from pool.
5. Brush visible algae thoroughly from the pool's surface with a surface-compatible brush.

### TREATMENT OF VISIBLE ALGAE:

1. Add 1 lb. of [BreakOut][granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [BreakOut 35] [granular lithium hypochlorite] per 6,000 gallons of pool water. Follow application directions on these products.
2. Allow to circulate for 1 hour.
3. With pump and filter operating, apply 16 fluid ounces of **Terminator** [algaecide] per 10,000 gallons of pool water directly to the pool water in areas of heaviest algae growth.
4. Continuously circulate pool water for the next 24 hours.
5. Afterwards, thoroughly brush pool surfaces.
6. In cases of persistent algae, repeat brushing and application after 2-4 days.
7. The use of a filter aid will enhance filter efficiency and algae removal.



{Directions to be used for winterization}

## Winter Algae Preventative for Swimming Pools

**Terminator** [winter] [algaecide] prevents the growth of all types of pool algae and aids in maintaining pool water clarity during the winter when the pool is not in use. **Terminator** [winter] [algaecide] is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.

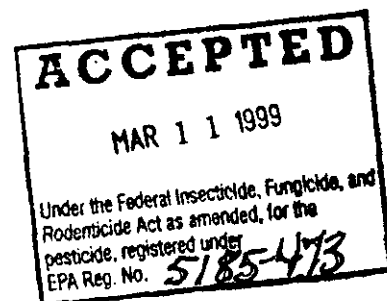
### IMPORTANT NOTES:

- 1) Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
- 2) Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, use a metal stain preventative per label directions.
- 3) In use dilution, this product is non-staining to pool surfaces and equipment.

**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.

1. Test your pool water or take a sample of your pool water to your [Guardex] [Hydrotech] [Omni] Dealer. Follow their directions for product application(s) to properly balance your water for conditions in your area. Be sure to check for the presence of metals.
2. With pump and filter operating, pour **Terminator** [winter][algaecide] directly into pool water along the edges of the pool. Add 16 fluid ounces of this product per 12,000 gallons of pool water and allow to circulate 2-4 hours.
3. [Add 1 lb. of [Breakout] [granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [Breakout 35] [granular lithium hypochlorite] per 6,000 gallons of pool water][or][add the appropriate amount of [Enhanced] Winter Shock[II] ] according to the label directions for that product.
4. Clean pool water line and filter.

In areas with severe freezing, drain pool equipment and plumbing line or use an antifreeze recommended for swimming pool plumbing and equipment. Pools with mesh covers or without covers may need to apply [1 lb. f [BreakOut][granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [BreakOut 35][granular lithium hypochlorite] per 6,000 gallons of pool water][or][add the appropriate amount of [Enhanced] Winter Shock [II] ] according to the label directions for that product mid-winter or just prior to freezing.





*{The following is optional text to be used at BioLab's discretion with swimming pool use directions. This information is non-essential and will be provided only as a courtesy. Will not appear on all swimming pool products.}*

**[TO DETERMINE POOL CAPACITY:** Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.]

**STORAGE AND DISPOSAL:** Keep this product in its original tightly closed container when not in use. Store in a cool, dry, well ventilated area. Do not contaminate food or feed by storage or disposal. **PRODUCT DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

#### RECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Harmful if swallowed. Causes moderate, but temporary, eye irritation. Avoid contact with eyes or clothing. Wear protective eye wear (safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with other chemicals.

*{Environmental hazards statement for end-use products in containers of less than 5 gallons (liquid) or less than 50 pounds (solid, dry weight).}*

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

*{Environmental hazards statement for end-use products in containers of equal to or greater than 5 gallons (liquid) or 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. [Metals from source water, ionizers or poorly sequestered algaecides have the potential to stain pool surfaces. Treat these problems with an appropriate a metal stain preventative (chelating agent) before using this product.]

[Visit Omni's Internet Web site at [<http://www.omnipool.com>]

[U.S. Patent # 5,541,150]

