

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



**Office of Pesticide Programs**

Milo Fortier,  
Haviland Consumer Products Inc.  
421 Ann St. NW.  
Grand Rapid, MI 49504-2075

AUG 20 2010

Subject: Product Name: Algae Kil 10  
EPA Reg. No.: 57787-5  
Notification Date: May, 2010  
EPA Receipt Date: May, 25, 2010  
Submission #: 875678

Dear Milo Fortier,

The following amendment, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable:

**Proposed Amendment**

- Add use directions for 1 quart containers and add optional directions on how to calculate pool capacity.
- Revise pesticide storage and disposal language per PR Notice 2007-4.

**General Comments:**

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM team 31 at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

Sincerely,

Velma Noble,  
Product Manager, Team 31  
Regulatory Management Branch  
Antimicrobials Division (7510P)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

# ALGAE KIL 10

[For Control of Algae in Swimming Pool Water]

## ACTIVE INGREDIENT

Alkyl (50% C <sub>14</sub> 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl, benzyl ammonium chloride.....	10%
OTHER INGREDIENTS.....	90%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN

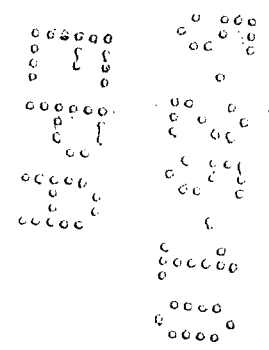
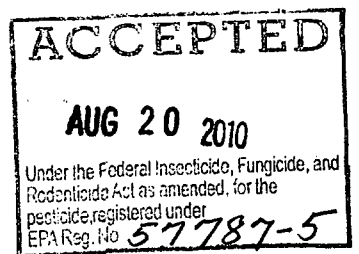
## DANGER

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

FIRST AID
<p><b>IF IN EYES:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Chemtrec 1-800-424-9300.</p> <p><b>IF ON SKIN OR CLOTHING:</b> 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. Chemtrec 1-800-424-9300.</p> <p><b>IF SWALLOWED:</b> Call a poison control center or doctor immediately for treatment advice. Chemtrec 1-800-424-9300. 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.</p> <p><b>IF INHALED:</b> 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. Chemtrec 1-800-424-9300.</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>
<p><b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.</p>

Packaged by:  
 Haviland Consumer Products, Inc.  
 421 Ann St. NW  
 Grand Rapids, MI 49504

EPA Reg. No. 57787-5  
 EPA Est. No. 57787-MI-1  
 Net Contents: (see container label)  
 Batch Code # / Lot #: (see container label)



**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear goggles or faceshield, protective clothing, and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before use.

**ENVIRONMENTAL HAZARDS** (*Containers less than 5 gallons*)

This pesticide is toxic to fish.

**ENVIRONMENTAL HAZARDS** (*Containers greater than or equal to 5 gallons*)

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.

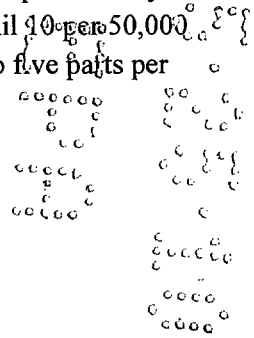
**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

The presence of algae in outdoor swimming pools is objectionable because of the color, cloudiness, odor, and increased chlorine demand of the water. The use of Algae Kil 10 is compatible with the usual water treatment chemicals. By controlling algae growth with Algae Kil 10 the chlorine demand of the pool may be significantly reduced.

(directions for use for 1 gallon containers)

- 1.) In freshly filled pools or pools showing no visible algae growth add one gallon Algae Kil 10 per 50,000 gallons of water to prevent algae growth. Apply by adding directly to the pool water.
- 2.) If algae growth is observed, add one gallon Algae Kil 10 for each 20,000 gallons of water to kill and control these algae species most commonly found in swimming pools; *chlorella pyrenoidosa* (green algae) and *lyroba versicolor* (blue-green algae). When existing growth is dead, clean the pool, drain and refill if necessary and add one gallon Algae Kil 10 per 50,000 gallons of water. Apply by adding directly to the pool water.
- 3.) If the pool water is treated as in (1) or (2) is filtered, add one gallon of Algae Kil 10 per 50,000 gallons of water every five to seven days to maintain between two and five parts per million of active ingredient. Apply by adding directly to the pool water. See serviceman for test kit.
- 4.) If the pool water treated as in (1) or (2) above is not filtered it should be tested periodically to determine the active ingredient content. When necessary, one gallon Algae Kil 10 per 50,000 gallons of water should be added directly to the pool water to maintain two to five parts per million of active ingredient.

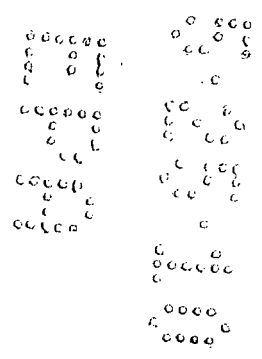


(directions for use for 1 quart containers)

- 1.) In freshly filled pools or pools showing no visible algae growth, add one quart Algae Kil 10 per 12,500 gallons of water to prevent algae growth. Apply by adding directly to the pool water.
- 2.) If algae growth is observed, add one quart Algae Kil 10 for each 5,000 gallons of water to kill and control these algae species most commonly found in swimming pools; *chlorella pyrenoidosa* (green algae) and *Lyroba versicolor* (blue-green algae). When existing growth is dead, clean the pool, drain and refill if necessary and add one quart Algae Kil 10 per 12,500 gallons of water. Apply by adding directly to the pool water.
- 3.) If the pool water treated as in (1) or (2) is filtered, add one quart of Algae Kil 10 per 12,500 gallons of water every five to seven days to maintain between two and five parts per million of active ingredient. Apply by adding directly to the pool water. See serviceman for test kit.
- 4.) If the pool water treated as in (1) or (2) above is not filtered, it should be tested periodically to determine the active ingredient content. When necessary, one quart Algae Kil 10 per 12,500 gallons of water should be added directly to the pool water to maintain two to five parts per million of active ingredient.

**[HOW TO CALCULATE POOL CAPACITY]**

- [SHAPE OF POOL.....GAL. OF WATER (Dimensions in ft.)]
- [Rectangular.....Average depth X average length X average width X 7.5]
- [Circular.....Diameter X diameter X average depth X 5.9]
- [Oval with straight sides.....Full width X full length X average depth X 6.7]
- [Irregular.....Consult pool builder]



**STORAGE AND DISPOSAL** (Containers less than or equal to 1 gallon)

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original containers and place in locked storage area inaccessible to children and individuals unfamiliar with its use. Keep from freezing.

**Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** ~~Do not reuse container.~~ Place in trash or offer for recycling if available.

**If partially filled:** Call your local Solid Waste Agency or 1-800- CLEANUP (253-2687) for toll-free disposal instructions. Never place unused product down any indoor or outdoor drain.

**STORAGE AND DISPOSAL** (Containers greater than 1 gallon)

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original containers and place in locked storage area inaccessible to children and individuals unfamiliar with its use. Keep from freezing.

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

**Container Disposal:** Nonrefillable container. Do not reuse or refill this empty container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying. ~~Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.~~

