



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

JUL 27 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Karen Pither  
Regulatory Consultant  
Winston Company  
7704 East 38<sup>th</sup> St.  
Tulsa, OK 74145

RE: Product Name: Algae-OFF  
EPA Reg. No: 80876-3  
Application for Label Notification Dated June 17, 2009 to make minor label  
changes per PR Notice 98-10

Dear Ms. Pither:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov).

Sincerely,

*Linda Hollis*

Linda Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention  
Division (7511P)

2/17

--Date Approved: 5/12/09

Date Notification: 7/25/2010

Add referral statement for First Aid to back panel

Add batch Number

## **ALGAE-OFF**

**Granular Algaecide for Water Gardens & Koi Ponds**

**Sodium Carbonate PerOXYhydrate Algaecide**

**For the Remediation of Mold, Mildew and Algae on Wood, Wallboard, Concrete, Masonry  
and Other Construction Materials**

**Immediate Algae Control in Lakes , Golf Course Ponds and Other Non-Potable Water  
Sources**

**Works on Contact**

**Money Back Guarantee**

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### **ACTIVE INGREDIENTS:**

Sodium Carbonate Peroxyhydrate...50.0%

**OTHER INGREDIENTS**.....50.0%

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

Contains 16.2% Hydrogen Dioxide by weight

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**See First Aid/Statement of Practical Treatment on the back panel.**

**EPA Registration No.:** 80876-3

**EPA Establishment No.:** 080876-OK-001

**Net Weight:** 25 lbs.

**Batch Number:** xxxxxx

**Notification Accepted**

**Date:** JUL 27 2010

**Reviewer:** M Adams

**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 the 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 by mouth-to-mouth, if possible.
- Call poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web Site: [www.npic.orst.edu](http://www.npic.orst.edu)) After 4:30 pm call your poison control center at 1-800-222-1212.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**PRECAUTIONARY STATEMENTS:****HAZARDS TO HUMAN AND DOMESTIC ANIMALS –****DANGER: CORROSIVE**

Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses) and chemical resistant gloves. 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 birds. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles. This

product may be toxic to bees and other beneficial insects. Do not apply this product or allow to drift to blooming crops and weeds. Granules exposed on the soil surface may be hazardous to birds. Collect granules spilled during loading. Do not apply to waterbody margins when amphibian eggs or young (eg. tadpoles) are present.

#### PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. **Corrosive.** Mix only with water in accordance with label instructions. Do not bring in contact with other pesticides, cleaners or oxidative agents.

#### DIRECTIONS FOR USE

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

**For Use in the Following Containerized Aqueous Sites:** Water Gardens, Koi Ponds, Waterfalls, Fountains, Standing Water, Non-potable Water Tanks, Aquariums, Bird Baths, Ornamental Pools/Ponds, Catch Basin, Irrigation Systems, Non-Chlorinated Swimming Areas, Cooling Towers and water collection areas located in Amusement Parks, Zoos, Raceways, Sports Facilities, Business Parks, Malls, Hotels, Cemeteries, Car Washes, Garden Centers or other Residential settings.

**For Use in the Following Non-Containerized Aqueous Sites (Ponds, Lakes, Lagoons and other non-containerized bodies of water:** Fire Prevention Ponds, Golf Course Ponds, Storm Waters, Impounded Waters, Drainage Systems, Non-Potable Water Reservoirs, Flooded Areas, Parks, Municipalities, Waste Water, Industrial/Commercial Ponds, Standing Water, Bilge Water, Waterways, Conveyance Ditches, Canals, Laterals, Drainage Systems, Sewage Systems, Drain Fields, Water Collectors and Domestic/Commercial Non-Potable Water.

**For Use On Non-Painted:** Floors, Walkways, Storage Areas, Patios, Decks, Railings, Roofs, Asphalt Shingles, Siding, Fiberglass, Boats, Piers, Docks, Stairs, Ramps, Ground Cover Mats, Weed Control Mats, Concrete, Brick, Tile, Slate, Granite, Statues, Outdoor Furniture, Tennis Courts (non-grass), Non-Marine and Non-Estuarine Shorelines, Gravel, Wood, Composite Wood Products, Benches, Tools, Bath Mats, Floor Mats, Planting Pots, Decorative Pots, Planting Flats, Steel Trays, Windows, and Other Non-Painted Surfaces including other Construction Materials.

For Indoor or Outdoor Residential or Commercial Uses. Avoid Contact with aluminum or lime dust.

**WATER TREATMENT:** Use Algae-Off to treat, control and prevent a broad spectrum of algae in listed use sites. Effects of treatment are immediately apparent (bubbling, bleaching/discoloration of algae). Waters treated with Algae-Off are permissible to be used without interruption.

**SURFACE TREATMENT:** Use Algae-Off on all non-painted surfaces, to prevent and control algae, moss, slime molds and their spores, mold, mildew and the odors and conditions these organisms cause. Make granular applications over a wet surface or activate with water immediately following application.

## APPLICATION METHODS

### Spreading/Broadcast:

Broadcast Algae Off with a mechanical spreader or by hand, directly on wet surface or water in immediately following application. A lawn spreader or any other applicator that will insure uniform coverage is acceptable.

**Spot Treatment:** Apply Algae-Off directly over the infested area in dry form directly on wet surface or water in immediately following application. Re-treatment is required when heavy growth occurs. For waterfall applications, turn off pumps and allow Algae-Off to sit on the waterfall for a period of 20 minutes and then turn pumps back on.

**Liquid:** Make a solution of Algae-Off (refer to liquid application rates). Spray this solution on the desired treatment surface until saturated/fully covered.

## GENERAL TREATMENT NOTES

- Control of algae is most easily achieved when algae are not yet well established. Treat when growth first begins to appear.
- Algae-Off is water activated.
- When applying Algae-Off to soil, gravel or other similar media, incorporate the product into the first inch of the substrate for optimum effectiveness.
- Apply early in the day under calm, sunny conditions and when the water temperatures are warm. Sunlight and higher temperatures both enhance Algae-Off's effectiveness.
- Apply in a manner that will insure even distribution of Algae-Off within the treatment area.
- Skim the dead algae and organic matter that rises to the water's surface after treatment. Allowing dead organics to sink and decay will provide a food source and additional nutrients that stimulate algae re-growth and further blooms.
- If using in conjunction with water additives (such as non-pesticidal bacteria or enzymes) always apply Algae-Off first.
- Re-treat area if re-growth begins to appear. Allow 48 hours between consecutive treatments.
- Maintain with maintenance rates at a frequency appropriate for your environmental conditions.
- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.
- Non-targeted plants will suffer contact burn if undiluted granules are accidentally spilled on them. Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.

## EFFECTIVENESS FACTORS

- Effects of Algae-Off treatment are immediately apparent (bubbling, bleaching/discoloration of algae).
- Algae-Off treatments are successful when contact of the pesticide is made with the algae.
- Liquid applications will not sink through the water column as readily as a granular application.
- When treating, it is possible that Algae-Off will not penetrate below the infested area and a second application is then required for treating any bottom growing algae.

- Apply more frequently during the summer months when water consumption and temperatures are high.

## HOW TO CALCULATE WATER VOLUME

### Rectangular Area Calculation

Length x Width x Average Depth x 7.5 = Gallons of water in area

### Circular Area Calculation

Length x Width x Average Depth x 5.9 = Gallons of water in area.

## Application for Water Treatment:

### Light Algae Growth

Water Volume (gallons)	Algae-Off (lbs)	Algae-Off Approximate Volume
100	0.005	1/2 tsp
500	0.025	2.5 tsp
1,000	0.05	5 tsp
5,000	0.25	1/2 cup
100,000	5	-
1,000,000	50	-

**Heavy Algae Growth – Do not apply the following rates to shorelines or other water sites that are not man-made where freshwater invertebrates may be present.**

Water Volume (gallons)	Algae-Off (lbs)	Algae-Off Approximate Volume
100	0.025	2.5 tsp
500	0.125	1/4 cup
1,000	0.25	1/2 cup
5,000	1.25	2.5 cups
100,000	25	-
1,000,000	250	-

## Application for Ground/Surface

### Liquid Application

Due to solubility limitations, use at least 1 gallon of water to fully dissolve each 0.5 pounds of Algae-Off. Dissolution in cold water takes approximately 5 minutes. Use liquid solution immediately after mixing. Rinse secondary container used for preparing liquid applications immediately after use.

**Treatment Rates:** Use same rates provided in following section. Spray surface to saturate area.

### Application for Ground/Surface

### Granular Application

For heavy algae growth apply 2–3 lbs of Algae-Off per 1000 square feet of area. For light algae growth apply 1-2 lbs of Algae-Off 1000 square feet of area. Make granular application over a wet surface or activate with water immediately following application.

#### **Light Algae Growth Application**

25-50 Sq. Ft.	¼ cup
51-100 Sq. Ft.	½ cup
101-150 sq. ft.	¾ cup
151 – 200 sq. ft.	1 cup
201-250 sq. ft.	1-1/2 cup

#### **Heavy Algae Growth Application**

25-50 Sq. Ft.	1/2 cup
51-100 Sq. Ft.	1 cup
101-150 sq. ft.	1-1/2 cup
151 – 200 sq. ft.	2 cup
201-250 sq. ft.	2-1/2 cup

#### **Measurement Conversion**

16 Tablespoons = 1 cup

2 Cups = 1 Pound

#### **STORAGE AND DISPOSAL**

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

##### **STORAGE**

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water.

##### **DISPOSAL**

**If empty** –Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

**If partly filled** –Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### **WARRANTY**

To the fullest extent of the law, it is the manufacturer's intention that the buyer assumes all risks associated with the use, storage or handling of this material when not used in strict accordance with the directions given herewith.

#### **Manufacturer Information**

Winston Company  
7704 East 38<sup>th</sup> Street  
Tulsa, OK 74115  
800-331-9099  
[www.winstoncompany.com](http://www.winstoncompany.com)

MASTER Label 7/25/2010