



## Technical Data Sheet

Revised: 10/07

### Algae-Off – EPA REGISTERED

**Product Make-Up:** Sodium Percarbonate

**Package:** 8 oz., 2 lb. Bottle, 10 lb. & 25 lb. Buckets

**Treats:** 2 lb. Bottle Treats 20,000 Gallons

**Toxic:** Non-Toxic When Used As Directed

**Warnings:** Keep Out Of Reach Of Children, Not For Human Consumption, Store At Room Temp.

**Shelf Life:** 3 Years

**MSDS Sheet:** Available Upon Request

### Algae-Off EPA Registered Granular Algaecide

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

**For Use in the Following Containerized Sites:** Water Gardens, Koi Ponds, Waterfalls, Fountains, Standing Water, and Water Collection. For Freshwater use only.

**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), Shorelines, Gravel and Other Non-Painted Surfaces.

For Indoor Or Outdoor Residential Uses.

**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, 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. 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 other 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.

#### Application For Water Treatment: Light Algae Growth

Water Volume (gallons)	Algae-Off (lbs)	Algae-Off Approximate Volume
100	0.005	½ tsp
500	0.025	2.5 tsp
1,000	0.05	5 tsp
5,000	0.25	½ cup
100,000	5.0	-
1,000,000	50	-

#### Application For Water Treatment: Heavy Algae Growth

Water Volume (gallons)	Algae-Off (lbs)	Algae-Off Approximate Volume
100	0.025	2.5 tsp
500	0.125	¼ cup
1,000	0.25	½ cup
5,000	1.25	2.5 cups
100,000	25	-
1,000,000	250	-