

GreenClean[®] PRO

Granular Algaecide



- **Non-Hazardous** Ideal for ponds with sensitive fish populations.
- **Contact Algaecide** Apply as a spot treatment or a perimeter treatment.
- **Algaestat** Use at low rates as a preventative program.
- **Copper Alternative** May be used in copper restricted areas.
- **Granular Algaecide** Effective against submerged algae.

GreenCleanPRO[®] is one of the only non-copper based algaecides available. This professional strength formula eliminates a broad spectrum of algae on contact. GreenCleanPRO is an integral part of a complete management system. It can be used by itself, in conjunction with biological products, or in rotation with other algaecides to help maintain clear, algae-free waters. GreenCleanPRO is designed for use in lakes, ponds and other large bodies of water as well as on non-painted surfaces such as benches, docks, and walkways.

GreenCleanPRO's Chemistry

GreenCleanPRO's active ingredient is Sodium Carbonate Peroxyhydrate, commonly called percarbonate. Percarbonate is a stabilized peroxygen chemistry that acts as a powerful algaecide without harming the environment.

Mode of Action

GreenCleanPRO works through a powerful oxidation reaction. The peroxygen chemistry in GreenCleanPRO reacts with natural elements of surface waters, creating hydroxyl free radicals. Hydroxyl free radicals are strong oxidizers that destroy algal cell membranes, chlorophyll and unsaturated fatty acids, providing immediate control of algae.

Benefits of GreenCleanPRO

- **Fast Acting** Initial results can be seen within 60 seconds of application.
- **No Restrictions** Waters can be used without interruption after treatment.
- **No Bioaccumulation** Biodegrades completely.
- **No Resistance** Oxidizes algae on contact, no time for tolerance build up to occur.
- **Releases Oxygen** Adds 13% bio-available Oxygen – effects last for several hours.

Effects on Application Rates

The type of algae present, the amount of algae growth, light intensity, water quality, and other chemicals can all affect the amount of GreenCleanPRO needed to eliminate algae. Repeat applications may be necessary.

GreenCleanPRO Application Rates		
Seasonal Program		
STEP 1	Shock Treatment Spring/Early Summer.	Apply 15-40 lbs./acre-foot of water
STEP 2	Maintenance Treatments Every 2-4 weeks.	Apply 8-25 lbs./acre-foot of water
STEP 3	Spot Treatment As needed. Can be applied to perimeter only.	Apply 20-50 lbs./acre-foot of water


Rates for Specific Algae Problems	
Spot Treatments*	20-50 lbs./acre-foot of water
Planktonic Blue-Green Algae Blooms	9-30 lbs./acre-foot of water
Filamentous Algae Blooms	50-90 lbs./acre-foot of water
Tolerant Filamentous Algae Blooms **	75-90 lbs./acre-foot of water

* Can Be Applied To Perimeter Only ** May Require Multiple Treatments

GreenCleanPRO's Effect on Non-Target Organisms

When used at the labeled rates, GreenCleanPRO will not harm fish (including sensitive fish such as trout & koi), plants, or aquatic life.

As shown in the following study, even when GreenCleanPRO was applied at almost twice the highest labeled rate, **there was 0% fish mortality.**

Results of the Static Acute Exposure of Rainbow Trout to GreenCleanPRO		
	GreenCleanPRO lbs./acre-foot	24 Hour % mortality
	Control	0
 Highest recommended application rate on the GreenCleanPRO label.	90	0
	152	0
	249	85

Testing was conducted by Springborn Laboratories in Wareham, Massachusetts.
Study No. 13780.6100.

To Learn More, Contact:

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