

# GreenClean<sup>®</sup> PRO

Granular Algaecide/Fungicide



- **Reduce-Risk Chemistry** Ideal for ponds with sensitive fish populations
- **Contact Algaecide** Kills algae on contact
- **Copper Alternative** May be used in copper restricted areas
- **Granular Algaecide** Effective against submerged algae
- **Algaestat** Use at low rates as a preventative program

GreenCleanPRO<sup>®</sup> 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 an entire water 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 beaches, 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
- **Certified** EPA approved, OMRI Listed, and NSF ANSI/60 certified for drinking water



See reverse side for application rates.

# GreenCleanPRO Program

<b>STEP 1</b> Shock Treatment Spring/Early Summer	<b>STEP 2</b> Maintenance Treatments Every 2-4 weeks	<b>STEP 3</b> Spot Treatment As needed. Can be applied to perimeter only
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## GreenCleanPRO Rates and Target Species

## Factors that can influence Rates of GreenCleanPRO

Targeted Species*	Pounds Per Acre Foot
Blue-Green Algae	3-16
Blue-Green Algae and Some Species of Green Algae	17-30
Blue-Green Algae, More Species of Green Algae, and Some Species of Diatoms	31-50
Controls All Blue-Green Algae, Green Algae, and Diatoms	51-90

Factors*
<ul style="list-style-type: none"> <li>Type of algae present</li> <li>Amount of algae growth</li> <li>Light intensity</li> <li>Water quality and clarity</li> <li>Temperature of water</li> <li>Amount of inorganic and organic matter</li> </ul>
Non-Factors
<ul style="list-style-type: none"> <li>Salinity</li> <li>Water pH</li> </ul>


\* The above factors will determine the amount of GreenCleanPRO. The higher the dosage of GreenCleanPRO, the higher the control level. Repeat applications may be necessary.

## GreenCleanPRO's Effect on Non-Target Organisms

When used at the labeled rates, GreenCleanPRO will not harm fish (including sensitive fish such as trout and 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.	<b>90</b>	<b>0</b>
	152	0
	249	85

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