



Total Pond

SePRO Total Pond -

Clear[®]

Contains SeClear Algaecide and Water Quality Enhancer[®]



Spring Summer Fall Winter
Recommended Application Timing

Controls a broad range of algae

- Helps improve water clarity with every application
- Helps reduce phosphorus levels
- Kills blue-green algae

This product controls a broad range of nuisance algae, including green and blue-green (cyanobacteria) planktonic and filamentous algae, and plant-like macroalgae.

Active Ingredient:

Copper Sulfate Pentahydrate[†] (CAS# 7758-99-8).....16.2%

Other Ingredients83.8%

TOTAL100.0%

[†]Metallic Copper equivalent = 4.1%

This product contains 0.417 lbs. metallic copper per gallon

EPA Reg. No. 67690-55

KEEP OUT OF REACH OF CHILDREN CAUTION

For use in ponds, lakes, reservoirs, irrigation and drainage canals, and man-made outdoor water features such as water gardens, ornamental ponds, and fountains.

Quick facts:

Provides effective control of a broad-range of algae species and helps reduce in-water phosphorus levels with each application.

- Reduces algae blooms
- Kills algae on contact
- Helps improve water quality
- Helps reduce phosphorus levels

When and where to use:

Use year-round in ponds, drainage canals, and outdoor man-made water features to control:

- Algae mats
- Free floating algae/scum
- Bottom-forming algae

How to use:

This product mixes readily with water. Add 1 gallon of product to 1 gallon of water in a sprayer. Spray solution directly on or above nuisance algae.

- Treats up to 7,260 square feet, 4 feet deep.
- Do not treat more than 1/3 of the entire water body at any one time

DIRECTIONS FOR USE

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

When to apply

This product can be used year-round to control all types of nuisance algae, including toxin-producing blue-green algae (cyanobacteria). Apply before ice forms.

Where and how to apply

This product mixes readily with water. Using a pump style tank sprayer:

- Add 1 gallon of this product to 1 gallon of water,
- Close sprayer, shake/swirl well to thoroughly mix,
- If possible, adjust sprayer nozzle tip to apply a coarse spray,
- Apply solution directly to free-floating or surface mat-forming algae growth,
- or –
- If possible, place sprayer nozzle tip under the surface of the water and apply solution directly above bottom mat-forming or plant-like algae. Otherwise, apply the solution to the surface of the water directly above areas of bottom mat-forming or plant-like algae.

Algae Treatment Program (See Table 1)

Use this product to quickly gain control of nuisance algae. Multiple applications may be necessary to obtain desired results, particularly if you have fast-growing algae and/or your algae growth is very dense.

Prevention Program (See Table 2)

This product may be used to prevent problematic algae blooms from occurring, and with routine use, can improve overall water quality by binding phosphorus and removing suspended particulates. Starting this program in early spring should minimize nuisance algae and improve overall water quality.

How often and how much to apply

Table 1. Algae Treatment Program		
Application Timing (after algae growth is apparent)	Product per acre foot [†] of water	Application Guide
Day 1: Initial Application	4 gallons	Mix 1 gallon of this product with 1 gallon of water to control all types of algae
Day 14: 2nd Application	3 gallon	Do not apply to more than 1/3 of your water body total surface area during any one application.
Day 28: 3rd Application	3 gallons	

[†]One acre foot = one acre (43,560 square feet), 1 foot deep
For optimal results, after the 3rd application, switch to the Algae Prevention Program for the remainder of the algae growing season (see Table 2).

Tips for best results

- If possible, start applications early in the season, before algae are rapidly growing.
- If algae are actively growing, apply on a sunny, calm day.
- Maintain an even and consistent application pattern; ensure good coverage of target algae.
- Begin by treating from the shoreline, outward toward the middle of water body, this will allow fish to move to areas away from the treatment.
- Do not apply this product to more than 1/3 of the total water body surface area at any one time.
- Wait a minimum of two weeks between treatments. (see Environmental Hazards for more information).

Application Timing (early, before algae growth is apparent)	Product per acre foot† of water	Application Guide
Day 1: Initial Application	1½ gallons	Mix 1 gallon of this product with 1 gallon of water to prevent all types of nuisance algae
Day 30: 2nd Application	1½ gallons	Do not apply to more than 1/3 of your water body total surface area during any one application.
Day 60: 3rd Application	1½ gallons	

†One acre foot = one acre (43,560 square feet), 1 foot deep
If algae begins to form, switch to the Algae Treatment Program (see Table 1).

How this product works

Algae control: This product rapidly disrupts numerous algae cell processes and immediately shuts down growth resulting in algae death. Algae treated with this product typically begin to show discoloration within a day and will continue to degrade over 3 - 7 days.

Water quality enhancement: This product's patent-pending technology can improve water quality by decreasing phosphorus concentration in the water column through binding and precipitation of dissolved phosphorus. This process also aids in the binding and precipitation of suspended solids, thereby reducing turbidity and unwanted discoloration. Regular use of this product binds excess phosphorus and can enhance the overall quality and clarity of water.

What to expect

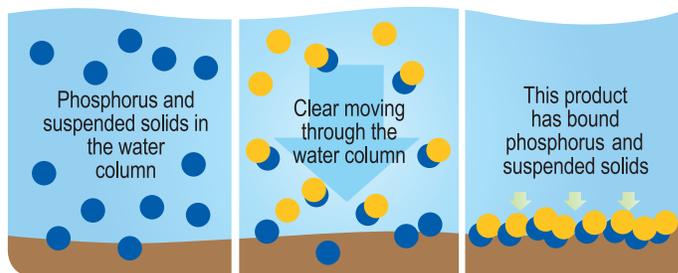
Controlling Algae

This product rapidly disrupts numerous algae cell processes and shuts down growth. This product is effective in controlling a broad range of algae including: green, yellow/green and blue-green (cyanobacteria) algae comprising diverse growth forms such as filamentous, colonial, planktonic and macrophytic. Treated algae typically begin to show discoloration within a day and degrade over time.

Improving Water Quality

This product can improve water quality by:

1. Offsetting eutrophication through proactive maintenance programs.
2. Decreasing phosphorus concentrations from the water column through binding and precipitation of excess phosphorus.
3. Binding and precipitating suspended solids, thereby reducing turbidity and unwanted coloration.



USE RESTRICTIONS

Obtain Required Permits: Consult with appropriate state or local water authorities before applying this product. Permits may be required by state or local public agencies.

Fishing, Swimming and Irrigation: Fishing, swimming, and irrigation are allowed following application.

Livestock/Pet Consumption: Drinking by livestock and pets is allowed following application.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Waters treated with this product may be hazardous to aquatic organisms. Treatment of aquatic weeds and algae can result in oxygen loss from decomposition of dead algae and weeds. This oxygen loss can cause fish and invertebrate suffocation. To minimize this hazard, do not treat more than 1/3 of the water body to avoid depletion of oxygen due to decaying vegetation. Wait a minimum of 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas.

Certain water conditions including low pH (≤ 6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower), and "soft" waters (i.e., alkalinity less than 50 mg/L), increase the potential acute toxicity to non-target aquatic organisms. Do not use in waters containing trout or other fish species that are highly sensitive to copper if the carbonate hardness is less than 50 ppm. Fish toxicity generally decreases when the hardness of water increases. Do not use this product in ornamental ponds containing Koi. For applications in waters destined for use as drinking water, those waters must receive additional and separate potable water treatment. Do not apply more than 5 gallons of this product per one acre foot (one surface acre, one foot deep) in any waters.

STORAGE AND DISPOSAL

Pesticide Storage: Keep from freezing. Store in original container only. Do not store near feed or foodstuffs. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

Pesticide Disposal and Container Handling

Non-refillable Container. Do not reuse or refill this container.
If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Users must wear the following:

Protective eyewear (goggles, face shield, or safety glasses), long-sleeve shirt, long pants, shoes plus socks, and waterproof gloves. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should: Wash the outside of gloves before removing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

If swallowed	<ul style="list-style-type: none">• 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 a poison control center or doctor.• Do not give anything to an unconscious person.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 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	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• 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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

Warranty Disclaimer: SePRO Corporation warrants that this product conforms to the chemical description on the product label. Testing and research have also determined that this product is reasonably fit for the uses described on the product label. To the extent consistent with applicable law, SePRO Corporation makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty and any such warranties are expressly disclaimed.

Misuse: Federal law prohibits the use of this product in a manner inconsistent with its label directions. To the extent consistent with applicable law, the buyer assumes responsibility for any adverse consequences if this product is not used according to its label directions. In no case shall SePRO Corporation be liable for any losses or damages resulting from the use, handling or application of this product in a manner inconsistent with its label.

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Need help? A SePRO Pond Advisor can remotely and accurately measure the size of your pond and discuss a personalized strategy to keep your pond clear of unwanted weeds and algae. Call us TOLL FREE at 1-844-766-2727 or email service@seprototal.com

FPL20160125

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