

# PHYCOMYCIN<sup>®</sup> SCP\*

## ALGAECIDE AND OXIDIZER

FOR CONTROL OF BLUE-GREEN ALGAE IN LAKES, PONDS AND DRINKING WATER RESERVOIRS; IRRIGATION, DRAINAGE AND CONVEYANCE DITCHES, CANALS, LATERALS; ESTUARIES, BAYOUS, LAGOONS, WATER GARDENS AND WATER FEATURES; IMPOUNDED WATER AND WASTE WATER; AND AQUACULTURE

ACTIVE INGREDIENT: \*Sodium Carbonate Peroxyhydrate.....85.0%  
OTHER INGREDIENTS: .....15.0%  
Total:.....100.0%

EPA Reg. No. 68660-9-8959

KEEP OUT OF REACH OF CHILDREN

EPA Est. No. 39578-TX-1

### DANGER: Corrosive

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

###### DANGER: Corrosive

Causes severe eye damage and skin irritation. Do not get in eyes, on skin, or clothing. Harmful if swallowed or inhaled. Avoid breathing dust. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. When prolonged or frequently repeated contact could occur, use chemically resistant gloves and full body clothing.

##### PHYSICAL AND CHEMICAL HAZARDS

Oxidizing agent. Contact with combustible materials may cause fire.

##### FIRST AID

**If in eyes** – Hold eye open and rinse slowly for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**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. Call a poison control center or doctor for treatment advice.

**If on skin** – 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 a person drink plenty 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 by mouth to an unconscious person.

**In Emergency:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222.

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

##### ENVIRONMENTAL HAZARDS

When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present. Undissolved particles of sodium carbonate peroxyhydrate may be corrosive to beaks of birds.

Manufactured for:

**ab applied biochemists**

GERMANTOWN, WI 53022

1-800-558-5106

www.appliedbiochemists.com



Certified to  
ANSI-NSF 60

##### DIRECTIONS FOR USE

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

**FOR CONTROL OF BLUE-GREEN ALGAE IN LAKES, PONDS AND DRINKING WATER RESERVOIRS; IRRIGATION, DRAINAGE AND CONVEYANCE DITCHES, CANALS, LATERALS; ESTUARIES, BAYOUS, LAGOONS, WATER GARDENS AND WATER FEATURES; IMPOUNDED WATER AND WASTE WATER; AND AQUACULTURE** – Apply 3.0 to 100 pounds per acre – foot (9.2 to 306.9 pounds/million gallons) of water (equivalent to 0.3 to 10.2 ppm hydrogen peroxide) by broadcasting or use of a mechanical spreader. **Note:** Algae control is more easily achieved if treated soon after growth starts. Larger amounts of product may be needed to treat heavier blooms. As little as 2.5 pounds per acre – foot could be used for algaestatic treatment.

**Precaution:** Decaying algae can deplete dissolved oxygen which can lead to fish kill, if excessive. Apply with 8 to 10 hours of daylight remaining. Do not reapply within 48 hours. If treating a large lake or heavy bloom, treat 1/3 to 1/2 of the area and wait 2 to 3 days before treating remainder of water. Consult with the State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is needed.

##### STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL

##### STORAGE

Store in original, closed container in a dry location away from heat and out of direct sunlight. Keep away from combustible material. Do not return unused product to container.

##### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

##### CONTAINER DISPOSAL:

Fiber drums with liners:

Completely empty liner by shaking sides and bottom to loosen clinging particles. Empty residue into application equipment, then dispose of liner in a sanitary landfill or by incineration, if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in same manner.

Bags/Plastic Pails:

Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NET CONTENTS: 50 Lbs./22.68 Kg.



**PHYCOMYCIN® SCP\* FACT SHEET**  
\*SODIUM CARBONATE PEROXYHYDRATE

**Technical Service Report No. 395650-0705**

**EPA Reg. No. 68660-9-8959**

**Distributed by: APPLIED BIOCHEMISTS**

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**GENERAL INFORMATION**

**PHYCOMYCIN® SCP** is an 85% active concentrated form of Sodium Carbonate Peroxyhydrate. **PHYCOMYCIN® SCP** is available in 50 lb. bags to the commercial water treatment industry.

**PHYCOMYCIN® SCP USE**

- Is labeled as an algacide for use in Lakes, Ponds, Drinking Water Reservoirs; Irrigation, Drainage, and Conveyance Ditches, Canals, Laterals; Estuaries, Bayous, Lagoons, Water Gardens and Water Features; Impounded Water and Waste Water; and Aquaculture.
- Lists Blue-Green Algae as the primary target species, but may be legally used to control other susceptible forms within labeled use sites providing dosage rates are not exceeded. Is used at dosages between 3.0 and 100 lbs per acre-foot for control of nuisance algae, providing concentrations between 0.3 and 10.2 ppm hydrogen peroxide, respectively.

**PHYCOMYCIN® SCP CHEMISTRY & MODE OF ACTION**

- Is 100% soluble in water, rapidly dissociating to sodium carbonate and hydrogen peroxide ( $H_2O_2$ ) molecules within minutes of granular application.
- Released  $H_2O_2$ , an oxidizer and actual active ingredient which appears to have both external and internal modes of action upon contact with algal cells depending upon their sensitivity and  $H_2O_2$  concentration.
- $H_2O_2$  is considered a mild oxidizer and reacts in contact with organic materials (algae, detritus, etc), rapidly forming water molecules and releasing dissolved  $O_2$  into the water column. Requires quick delivery of the dissolved granule to the immediate vicinity of the algae due to short residual time in its active state.

**PHYCOMYCIN® SCP TOXICITY**

- Has a low level of toxicity to fish, aquatic invertebrates and other non-target organisms under field use conditions due to its short residual time as an oxidizer and relatively low rates required to affect algae. Does not restrict use of water for swimming, fishing, irrigation, stock watering, drinking or domestic use following treatment.

**See Specimen Label on Back**  
**Always Read and Follow All Label Directions & Precautions**

**APPLIED BIOCHEMISTS**

[www.appliedbiochemists.com](http://www.appliedbiochemists.com)

**800-558-5106**