



PRO-TECK
ALGICIDE/BACTERICIDE

FOR WATER IN LAKES, PONDS, RESERVOIRS AND IRRIGATION CONVEYANCE SYSTEMS

Ingredients

Active Ingredient:
 Copper Sulfate Pentahydrate* (CAS 7758-99-8).....19.8%
 Other Ingredients:......80.2%
 Total..... 100.0%

*Equivalent to 5.0% metallic copper
 A Chelated Copper Product

EPA REG. NO. 66675-4
 EPA EST. NO. 66675-FL-001
 LOT NO. _____

Net Contents: 1 U.S. Gallon 9.45 Liters
 9.9 Lbs. Per U.S. Gallon 1.188 kg/l

Manufactured by: Magna-Bon II, LLC.
 1531 NW 25th Drive
 Okeechobee, Fl. 34972-2046
 1-863-357-0400

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment.
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to do so. • 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 Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably by mouth-to-mouth, if possible.
If on Skin	<ul style="list-style-type: none"> • 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a Poison Control Center or Doctor or going for treatment. You may also contact 1-800-424-9300 (Chemtrec) for emergency medical treatment information.	

DIRECTIONS FOR USE

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

DIRECTIONS FOR USE cont'd

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 ½ of the water body to avoid depletion of oxygen due to decaying vegetation. Wait at least 10 to 14 days between treatments. Begin treatments along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State or local agency with primary responsibility for regulation pesticides before applying to public waters, to determine if a permit is required.

PRODUCT USES: Magna-Bon Pro-Teck is a copper sulfate pentahydrate formulation used to control odors and algae in lakes, ponds, reservoirs and irrigation conveyance systems.

Using water containing moderate to high amounts of sulfur may cause Magna-Bon Pro-Teck to neutralize. Whenever possible, use a compatibility jar test before mixing a whole tank.

FOR TREATING WATER IN LAKES, PONDS AND RESERVOIRS: This product is not intended to produce water that meets drinking water standards. For suppression of bacterial odors and for control of algae, apply in late spring or early summer when algae and bacteria first appear. The dosages are variable and depend upon algae/bacteria species, water hardness, water temperature, amount of algae/bacteria present, as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with the temperature above 60°F or 15.6°C. Higher dosages are required at lower temperatures, higher algae/bacterial concentration, and for hard waters.

Application of Magna-Bon Pro-Teck may be done in a variety of ways including, but not limited to, pouring the required amount directly from the container into lakes, ponds, reservoirs or irrigation canals. It may be applied by first diluting the required amount of this product with enough water to ensure even distribution with the type of equipment being used and then applied through hand or power sprayer or underwater injection.

Several application points speed up dispersal. Static water requires less chemical for algae/bacteria control than does flowing water. Use higher doses for Chara and Nitella (aquatic plants) and lower doses for filamentous algae (pond scum) and planktonic algae. If there is uncertainty about the dosages, begin with a lower dose and increase until control is achieved, or until the maximum allowable level has been reached.

The application rates in the chart below are based on static or flow conditions.

- # Identify the algae/aquatic plant growth present as one of the following: planktonic, filamentous, Chara or Nitella.
- # Determine the surface area and average depth treated.
- # Refer to the chart below to determine gallons of Magna-Bon Pro-Teck to apply per surface acre.

Application Rates Gallons per Surface Acre

Algae/Aquatic Plant	ppm Copper	Average Depth in Feet			
		1	2	3	4
Planktonic	0.2	1.1	2.2	3.3	4.4
Filamentous	0.2	1.1	2.2	3.3	4.4
Chara	0.4	2.2	4.4	6.6	8.8
Nitella	0.4	2.2	4.4	6.6	8.8
Odor Control	1.0	5.45	10.9	16.3	21.8

FOR TREATING LAKES, PONDS AND RESERVIORS cont'd: Application rates for depths greater than 4 feet may be obtained by adding the rates above to give proper depth. Do not exceed a copper concentration of 1.0 ppm copper in treated water.

One acre/foot = 326,000 gallons (one acre = 43,560 square feet)
Cubic feet X 7.48 = gallons

Treatment of algae can result in oxygen loss from the decomposition of dead algae. This loss can cause fish suffocation. If the algae cover more than one-third (1/3) of the total water area, treat in sections. Treat one-third (1/3) to one-half (2) of the water area in a single operation and wait ten (10) to fourteen (14) days between treatments.

Begin treatment along the shore and proceed outward in bands to allow fish to move to untreated areas. In regions where ponds freeze in winter, treatment should be done six (6) to eight (8) weeks before expected freeze to prevent masses of decaying algae under an ice cover. Trout and certain other species of fish may be killed at recommended application rates, especially in soft or acidic waters. Before treating bodies of water, consult proper State authorities, such as fisheries commission or conservation department to obtain any necessary permits.

For algae/bacterial odor control, apply one (1) gallon Magna-Bon Pro-Teck to each sixty thousand (60,000) gallons of water. For treating waters destined to be used as potable water (after passing through a drinking water treatment plant), do not exceed one (1) gallon Magna-Bon Pro-Teck to each sixty thousand (60,000) gallons of water (1 ppm copper).

IRRIGATION CONVEYANCE SYSTEMS

In Irrigation Conveyance Systems: For continuous addition, add one (1) gallon Magna-Bon Pro-Teck to each sixty thousand (60,000) gallons of water. For conveyance systems longer than ten (10) miles, it is recommended that the above dosage be dispersed among injection points every ten (10) miles. However, do not exceed the total dosage of one (1) gallon Magna-Bon Pro-Teck to each sixty thousand (60,000) gallons of water.

STORAGE and DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE:

- Store in a safe place away from PETS AND KEEP OUT OF THE REACH OF CHILDREN.
- Store away from excessive heat.
- Magna-Bon Pro-Teck will freeze.
- Always keep container closed.
- Store Magna-Bon Pro-Teck in its original container only.
- Bulk Magna-Bon Pro-Teck shall be stored in 316 L stainless steel, fiberglass, PVC's, polypropylene or plastic equipment.
- Keep away from galvanized pipe or any nylon storage equipment.

PESTICIDE DISPOSAL:

- Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- **If empty:** Do not reuse this container. Place in trash or offer for recycling if available.
- **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.
- Excess Magna-Bon Pro-Teck should be disposed of through label use.
- Do not contaminate lakes, rivers or streams as it may cause fish kill.
- Pesticide wastes are hazardous, improper disposal of excess waste, spray mixture or rinsate is a violation of Federal law.

PESTICIDE DISPOSAL cont'd:

- If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance. In the event of a spill, neutralize with limestone or baking soda before disposal.
- Concentrate may deteriorate concrete.

CONTAINER DISPOSAL:

- Triple rinse or equivalent.
- Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by state and local authorities by burning.
- If burned, stay out of smoke.
- Rinsing and re-use of "totes" is permissible.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Corrosive: May cause irreversible eye damage. Do not get into eyes or on clothing. Wear goggles or safety glasses. Harmful if swallowed, inhaled or absorbed through the skin. May cause allergic skin response. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before re-use. Wash thoroughly with soap and water after handling.

Potable water sources treated with copper products may be used as drinking water only after proper additional potable water treatments.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, except as specified on this label. Do not contaminate water by disposal of equipment washwaters or rinsate.

APPLICATION AND HANDLING EQUIPMENT

Application, handling or storage equipment **must** consist of either fiberglass, PVC=s, polypropylene, viton, most plastics or 316L stainless steel. Never use mild steel, nylon, brass, or copper around full strength Magna-Bon Pro-Teck. Always rinse equipment free and clean of Magna-Bon Pro-Teck with plenty of fresh clean water. Concentrated will destroy cotton and nylon clothing. Always store Magna-Bon Pro-Teck above 32EF. Do not allow Magna-Bon Pro-Teck to freeze. Freezing may cause separation. Seller makes no warranty for the performance of product that has been frozen.

LIMITED WARRANTY AND LIMITATION OF REMEDIES

Seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for use under normal conditions, but makes no other warranties of FITNESS OR MERCHANTABILITY expressed or implied, or any other warranty if the product is used contrary to the label instructions or under abnormal conditions not foreseeable to the seller. In no case shall the seller be liable for more than the cost of the product to the buyer, and will in no event be liable for any consequential, special or indirect damages connected with the use or handling of this product. This product is offered and the buyer or user accepts its subject to the forgoing terms which may not be varied.