



BACTRIN

ALGICIDE/BACTERICIDE

**FOR SEWAGE DISPOSAL RESERVOIRS
AND LIVESTOCK WASTE LAGOON/PITS**

Active Ingredient:
Copper Sulfate Pentahydrate*.(CAS. No. 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. 66675-1
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**

Si usted no entiende la etiqueta, busque a alguien para se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If in Eyes	\$ 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 advice.
If Swallowed	\$ 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 by mouth to an unconscious person.
If Inhaled	\$ Move person to fresh air. \$ If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. \$ Call a poison control center or doctor for further 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.
Hot Line Number Have the product container 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. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer system without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters or rinsate.

PRODUCT USES: Magna-Bon Bactrin is a copper sulfate pentahydrate used for sewage disposal reservoirs and livestock waste lagoons/pits.

FOR GENERAL BACTERIAL ODOR CONTROL: Application should be made by pouring Bactrin directly from the container into the pit or lagoon. Several application points speed up the dispersal. Use one (1) gallon Bactrin full strength in sixty thousand (60,000) gallons (8,000 cu. ft) of sewage. For fastest results, dispense Bactrin evenly throughout the sewage. Repeat application when odors reoccur.

FEEDLOT RUNOFF LAGOONS: Add a portion of the required dosage of Bactrin at several locations around the lagoon to speed up dispersal of the product. Additional applications may be required as needed when odor reoccurs or when new sewage is added to the lagoon.

ANIMAL CONFINEMENT PITS: If pits are located under or outside the confinement buildings, add Bactrin directly to these pits or to the transfer lines into the pits.

OTHER ORGANIC SLUDGE: Bactrin must be thoroughly mixed with the sludge. Apply at the rate of one (1) gallon Bactrin to sixty thousand (60,000) gallons of sludge.

GENERAL ALGAE/BACTERIA CONTROL

For algae/bacteria control, 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, as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with a temperature above 60EF or 15.6EC. Higher dosages are required at lower temperatures, higher algae/bacteria concentration, and for hard waters. Application should be done by pouring Bactrin directly from the container into the lagoons, reservoirs or pits. Several application points speed up dispersal. Static water requires less chemical for algae/bacteria control than does flowing water. Use higher dosages for Chara, Nitella and filamentous algae (pond scum), and lower dosages for planktonic algae. If there is uncertainty about the dosage, begin with a lower dose and increase until control is achieved or until maximum allowable level has been reached.

STORAGE AND DISPOSAL

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

Pesticide Storage:

- < Store in a safe place away from PETS AND KEEP OUT OF THE REACH OF CHILDREN.
- < Store away from excessive heat.
- < Bactrin will freeze.
- < Always keep container closed.
- < Store Bactrin in its original container only.
- <

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- < Bulk Bactrin shall be stored and handled in 316L stainless steel, fiberglass, PVC=s, polypropylene, or plastic equipment.
- < Keep away from galvanized pipe and other 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 partly filled:** Call your local solid waste agency for disposal instructions.
- < Never place unused product down any indoor or outdoor drain.

Pesticide Disposal Continued:

- < Excess Bactrin should be disposed of through label use.
- < Do not contaminate lakes, rivers, or streams as this may cause fish kill.
- < Pesticide wastes are 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 the label instructions, contact your State Pesticide or Environmental Control Agency, or the 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:

- < Do not reuse empty container.
- < Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.
- < Rinsing and reuse of Atotes@ 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.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following:

- long-sleeved shirt
- long pants,
- shoes plus socks

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 1/2 of the water body to avoid depletion of oxygen due to decaying vegetation. Wait at least 10 to 14 days between treatments. Begin treatment 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 regulating pesticides before applying to public waters, to determine if a permit is required.

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soil with shallow water tables are more prone to produce runoff that contains this product. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. 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), increases the potential acute toxicity to non-target aquatic organisms.

Drift and runoff may be hazardous to aquatic organisms in waters adjacent to treated areas.

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 Bactrin. Always rinse equipment free and clean of Bactrin with plenty of fresh clean water. Concentrated will destroy cotton and nylon clothing. Always store Bactrin above 32EF. Do not allow Bactrin to freeze. Freezing may cause separation. Seller makes no warranty for the performance of product that has been frozen.

NOTE: 1 C.F.S./hr. = 27,000 gallons

1 ACRE FOOT = 326,000 gallons

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.