



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 19, 2017

Ms. Susan Wright
General Manager for,
Magna-Bon, LLC
1531 N.W. 25th Drive
Okeechobee, FL 34972

Subject: PRIA Label Amendment – To add swimming pool, outdoor tubs, and spas
Product Name: Magna-Bon Bactrin
EPA Registration Number: 66675-1
Application Date: January 16, 2017
Decision Number: 525953

Dear Ms. Wright:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 2 of 2
EPA Reg. No. 66675-1
Decision No. 525953

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Sincerely,



Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

ACCEPTED

06/19/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 66675-1

**MAGNA-BON
BACTRIN**

**FOR USE IN SEWAGE DISPOSAL RESERVOIRS,
LIVESTOCK WASTE LAGOON/PITS AND FOR SWIMMING
POOLS, OUTDOOR HOT TUBS AND SPA**

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
CAUTION**

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 advice.
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 by mouth to an unconscious person.
If on Skin or Clothing	<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.
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 mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
<p>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.</p>	

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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulations. Do not enter or allow others to enter until sprays have dried. Do not contaminate water when disposing of equipment washwaters or rinsate.

PRODUCT USES: Magna-Bon Bactrin is a copper sulfate pentahydrate product used for sewage disposal reservoirs and livestock waste lagoons/pits and to control odor causing bacteria and algae in swimming pools and outdoor hot tubs and spas .

Using water containing moderate to high amounts of sulfur (5ppm to 10 ppm) may cause Bactrin to neutralize. Whenever possible, use a compatibility jar before mixing a whole tank.

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.

FOR USE IN SWIMMING POOLS, OUTDOOR HOT TUBS AND SPAS

FOR SWIMMING POOLS, OUTDOOR HOT TUBS AND SPAS: For control of algae and odor causing bacteria in swimming pools, outdoor hot tubs and spas, add Magna-Bon Bactrin (Bahama Klear) as per the chart below.

	Water	Magna-Bon Bactrin (Bahama Klear)
Swimming Pools:	15,000 Gal.	1-3 Quarts
	30,000 Gal.	2-6 Quarts
	60,000 Gal.	4-12 Quarts
Outdoor Hot Tubs and Spas:	235 Gal.	1 Ounce
	470 Gal.	2 Ounces
	700 Gal.	3 Ounces

Application should be made before visible algae appear. Where visible algae is present, apply at the higher rate. For maintenance dosages and where visible algae is not present, use the lower rate. Repeat maintenance dosages to maintain recommended concentration and avoid excess buildup of metallic copper. Magna-Bon Bactrin (Bahama Klear) may be used at the higher rates to help control odors and algae during the winter months while the pool is not being used. Recommended application rates yield 1ppm to 3 ppm metallic copper. Do not discharge treated pool effluent where it will drain into lakes, streams, ponds

or public water.

{To control algae and bacteria in swimming pools, spas and hot tubs: Apply at a rate of 2-4 quarts of Magna-Bon Bactrin(Bahama Klear) per 60,000 gallons. This will provide a level of 0.0 ppm to 1 ppm metallic copper. Application should be made before visible algae appear. Where visible algae are present, use the higher rate. For maintenance dosages and where visible algae are not present, use the lower rate. Repeat maintenance dosages to maintain the recommended concentration and avoid excessive build up of metallic copper. Magna-Bon Bactrin (Bahama Klear) may be used to help control pool odors and algae during winter months. Maintain the higher rate while the pool is not being used during the winter, Do not discharge treated pool effluent where it will drain into lakes, streams, ponds or public water} ¹

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 60°F or 15.6°C. 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 pools, hot tub or spa, 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.
- 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.

¹ This is Alternate Directions for Use Language Page 4 of 7

STORAGE and DISPOSAL (cont'd)

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 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 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 totes is permissible.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

CAUTION, Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet..

Personal Protective Equipment (PPE)

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

- Coveralls over long-sleeved shirt and long pants.

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.

Wash the outside of gloves before removing.

Do not enter or allow others to enter until sprays have dried.

ENVIRONMENTAL HAZARDS

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 soils with shallow water tables are more prone to product runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in waters adjacent to treated areas. 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 washwaters or rinsate.

This pesticide is toxic to fish and aquatic vertebrates. Waters treated with this product may be hazardous to aquatic organisms. Treatment of aquatic weeds and organisms 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 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. Certain water conditions including low pH (5-5.6), 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.

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 32°F. 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.