



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 9, 2018

Tony Herber  
Agent  
Microban Products Company  
11400 Vanstory Drive  
Huntersville, NC 28078

Subject: Label Amendment – Minor Label Revisions  
Product Name: MICROBAN ADDITIVE B  
EPA Registration Number: 42182-1  
Application Date: September 12, 2017  
Decision Number: 533187

Dear Mr. Herber:

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. 42182-1  
Decision No. 533187

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 Melanie Bolden by phone at (703) 347-0165, or via email at [Bolden.Melanie@epa.gov](mailto:Bolden.Melanie@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Wanda G. Fuller, for". The signature is written in a cursive style.

Demson Fuller, Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

Harmful if inhaled. Do not breathe dust, vapor, or spray mist. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administrator and the National Institute for Occupational Health & Safety. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Remove contaminated clothing and wash clothing before reuse. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARD**

Do not contaminate irrigation water, lakes, streams, or ponds by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of 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 systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. For information on spill response contact your local EPA Office or Emergency authorities.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Use only under an agreement with Microban Products Company. Microban Additive "B" is intended for use only for formulation as a preservative additive for the following uses, materials, and substances as part of the manufacturing process in order to provide built-in antibacterial and antifungal activity in manufactured materials and finished products. **DO NOT USE IN PAINTS AND STAINS.** Use in plastics is limited to manufacturing processes where the finished treated plastic product does not come in contact with process water. Microban Additive "B" inhibits the growth of non-health related microorganisms such as bacteria, mold, mildew, & fungus that may cause odor, stain, discoloration, unsightly texture, decay, or deterioration of physical properties of the material and finished product. Distributors of products containing the additive may not make claims of antimicrobial activity other than the protection of the product against the growth of bacteria, mold, mildew and fungi in or on the treated product. For further guidance on treated article label claims, please refer to 40 C.F.R. § 152.25(a) and any additional guidance or policies issued by the U.S. Environmental Protection Agency.

**TYPES OF MATERIALS:**

Plastics (including films, foams, molded parts, pellets, sheets), fibers (for use in nontextile applications) composed of: Acetate, Acrylic, Acrylonitrile butadiene styrene, Epoxy, Fluoropolymers, Latex, Nitrile copolymers, Nylon, Polychlorophene, Polyester, Polyethylene, Polypropylene, Polystyrene, Polyvinylchloride, Rayon, Rubber (natural & synthetic derivatives), Silicone, Urethane, & Vinyl and coating/finishes applied to such materials.

**APPLICATIONS**

Manufactured materials may be used in the following applications such that the finished product contains 0.10% to 1.0% by weight of the active ingredient:



**Microban Additive B**  
*A bacteriostatic and fungistatic additive for use in the manufacture and preservation of commodity products*

**ACTIVE INGREDIENT:**

5-CHLORO-2(2,4-DICHLOROPHOXY)PHENOL.....99%

**INERT INGREDIENTS:**.....1%

**TOTAL:** 100%

**KEEP OUT OF REACH OF CHILDREN AND UNAUTHORIZED PERSONNEL**

**CAUTION**

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment	
<b>If Swallowed</b>	Call a Poison Control Center or Doctor immediately for further treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control Center or Doctor. Do not give anything to an unconscious person.
<b>If Inhaled</b>	Move person to fresh air. If not breathing, first 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.
<b>If on Skin</b>	Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice
<b>If in Eyes</b>	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 eye. Call a poison control center or doctor for further treatment advice

EPA Registration Number: 42182-1  
 EPA Establishment No.: 42182-NC-6

**MICROBAN PRODUCTS COMPANY**

11400 Vanstory Drive  
 Huntersville, NC 28078

Phone: (704) 875-0806 Fax: (704) 875-0810

Net Wt: 55.1155 lbs/25 kg Lot No.:

**Directions for Use (continued)**

**Construction & building materials:** adhesives, awnings, bathtubs and bathtub enclosures, caulking (tub & tile), coatings (aqueous, solvent based; liquid, powder; metallic coating for plumbing fixtures, door handles, bed pans, floor drains, grease traps), concrete, flooring (concrete, epoxy, component fibers, & coatings), grout, handles & knobs, shower stalls, tile, toilets and toilet component accessories, wall coverings, whirlpools.

**Films:** bags (blanket, garbage, garment, vacuum), shower curtains, liners (garbage, trays), wraps (silage).

**Floor coverings:** carpets, rugs, mats, sealer/wax components.

**Home furnishings:** countertops, furniture & mattress & pillow ticking nonfabric shower curtains.

**Housewares:** cutting boards, humidifier components, storage containers (for clothing, cosmetics, flowers, instruments, electronics, food & condiments), vacuum cleaner components, serving utensils, water dispensers and components\*.

**Industrial:** air filters, air filtration media, appliance housings, automotive interiors, brooms, brushes, buckets, carts, wheels, closure gaskets, conveyer belts, countertops (& covers), earplugs, garbage cans, hosing (non food; non-potable water transfer), ice making equipment\* (water pans, piping, tubing, guards), water filter components and housing units\*, water dispensers and components\*, janitorial supplies, mops, respirator mask components, tabletops, trays, wipes.

**Miscellaneous Coatings:** cards, currency, paper & paperboard including menu materials.

**Personal care products:** bristles & handles of brushes (tooth, hair), combs, incontinence care products, razors, phones, toys (when used as a materials preservative for toys, the active ingredient amount must be limited to no more than 0.5%).

**Sporting goods:** boating/marine equipment, exercise & gym equipment, playground equipment.

Specific manufacturing directions for a given application will be provided by consultation with Microban Products Company.

\*Active concentration is limited to 0.5% in these applications.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep in original container during storage. Store in cool, dry, well ventilated place. Keep away from fire or open flame, or other source of heat.

**PESTICIDE DISPOSAL:** Pesticide waste is hazardous. Improper disposal of excess material, 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:**

*(Container with Liner):* Completely empty liner by shaking or tapping 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 the same manner.

*(Container without Liner):* Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying and use rinsate in manufacturing process or dispose in a sanitary landfill or by incineration if allowed by State and local authorities. Offer container for recycling if available or dispose of in same manner.