

42182-1

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

AUG 23 2013

Dr. Neil K. Snyder
Vice President, Regulatory Affairs
Microban International, Ltd
11400 Vanstory Drive
Huntersville, NC 28078

SUBJECT: Microban Additive B
EPA Registration Number: 42182-1
Application Date: May 10, 2013
Application Receipt: May 20, 2013

Dear Dr. Snyder:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable. With this amendment, Microban is proposing to make the following changes: cancellation of use in paints and stains, limit use of plastics to manufacturing processes where the finished treated plastic product does not come into contact with process water, cancellation of use in agricultural and mulch films and paper mulch, limit the active concentration allowed in toys to no more than 0.5%, and updating the Precaution Statements section.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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.

If you have any questions or comments with regard to this Agency letter, please contact Sandra O'Neill via email at oneill.sandra@epa.gov or by telephone at 703-347-0141.

Sincerely,

Demson Fuller
Acting EPA Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Microban Additive B

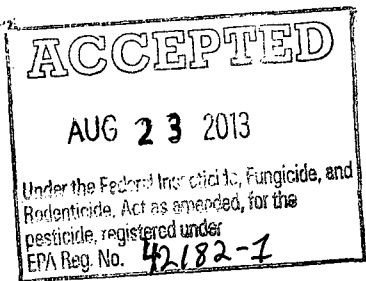
A bacteriostatic and fungistatic additive for use in the manufacture and preservation of commodity products

ACTIVE INGREDIENT:	
5-CHLORO-2(2,4-DICHLOROPHENOXY)PHENOL.....	99%
INERT INGREDIENTS:	1%
TOTAL:	100%

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 Contents: Marked on container



PRECAUTIONARY STATEMENTS

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

CAUTION

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.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment	
If Swallowed	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.
If Inhaled	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.
If on Skin or Clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice
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 eye. Call a poison control center or doctor for further treatment advice

ENVIRONMENTAL HAZARD

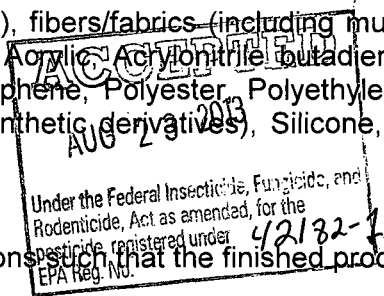
Do not contaminate irrigation water, lakes, streams, or ponds by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of National Pollutant Discharge Elimination 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/fabrics (including multi-fiber blends and synthetic blends with natural fibers) 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:

Apparel: aprons, athletic shirts, bibs, dresses, footwear (including socks & innersoles), general wear, gloves (consumer), gowns (medical & consumer), hosiery, intimate apparel, linings, running gear, sports apparel, trimmings, uniforms (service, medical, dental, sports), wet suits.

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), curtains (window, shower, cubicle), liners (garbage, trays), wraps (silage).

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

Home furnishings: blankets, cloths, countertops, curtains, draperies, furniture & fabrics, linens (towels, sheets, pillowcases, etc.) mattress & pillow ticking, mattress pads, napkins, 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 Products: bristles & handles of brushes (tooth, hair), combs, incontinence care products, razors, phones, toys (when used for formulation 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.

