

PM

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70263-1

1/12/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Eliot I. Harrison
 Agent for Microban Systems Inc.
 Lewis & Harrison
 122 C St., N.W., Suite 740
 Washington, D.C. 20001

JAN 12 2000

Attention: Mr. Harrison:

Subject: Revised Labeling for Microban Hospital Spray
 Response to 6(a)(2) Review
 EPA Registration Number 70263-1
 Your Amended Application Dated October 7, 1999

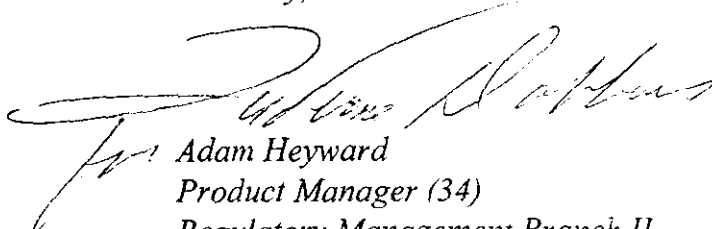
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following comments. A stamped copy is enclosed for your records.

On the back paneling, under directions for use, delete uses in "air ducts". We realize that this use was on a previous accepted label for this product, however, since adequate data is not available to assess the health potential from breathing air coming from air ducts that haven't been treated with this product, the use must be deleted.

A stamped copy is enclosed for your records. Submit three (3) copies of the finished labeling bearing the revision as stated above.

If you have any questions, please contact LaVerne Dobbins at (703) 308-6378.

Sincerely,



Adam Heyward
 Product Manager (34)
 Regulatory Management Branch II
 Antimicrobials Division (7510C)

Enclosure:

CONCURRENCES							
SYMBOL	1570C						
SURNAME	26/1/00						
DATE	1/12/2000						

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MICROBAN

DISINFECTANT SPRAY

- MILDEWCIDE • BACTERICIDE (gram positive)
- FUNGICIDE (mold and mildew) AND DEODORANT • ANTIMICROBIAL

FOR INSTITUTIONAL, HOUSEHOLD, FARM PREMISE
AND ANIMAL QUARTERS USE

**Microban is Effective Against Most Gram-Positive Bacteria,
Fungi (mold and mildew) and Odors Caused by Bacteria and Germs**

ACTIVE INGREDIENTS	
o-Phenylphenol	0.22%
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate	0.70%
Bromine	0.04%
INERT INGREDIENTS	99.04%
TOTAL	100.00%

E.P.A. Reg. No. 70263-1

E.P.A. EST. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID

If in Eyes: Flush with plenty of water for 15 minutes. Get medical attention.
If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
If Swallowed: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

See other precautions on side panel

Net Contents ☐ 1 PT. ☐ 1 QT. ☐ 1 GAL. ☐ 5 GAL. ☐ 55 GAL.

Mfg by: MICROBAN SYSTEMS INC. 1135 Braddock Ave., Braddock, PA 15104

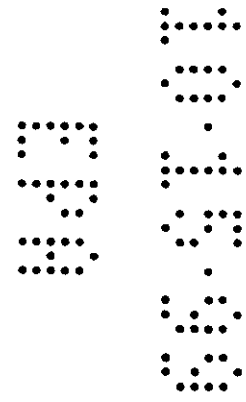
SHAKE WELL BEFORE AND DURING USE

U.S. Patent No. 3,458,629

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 12 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide,
registered under EPA Reg. No. 70263-1



REGISTERED
 AND IN AMOUNTS
 OF 100 Pounds Per Gallon

JAN 12 2000

the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended for the pesticide

70263-1

GENERAL METHOD OF APPLICATION

Surfaces and objects must be cleaned of gross filth with a suitable detergent before treatment. Spray surfaces and articles until thoroughly wet, use enough so that treated surfaces and objects remain wet for at least 10 minutes. May be applied with a sponge to impervious covers and surfaces; allow 10 minutes for drying. For fogging and other large volume applications, use appropriate spraying equipment, protective clothing, gloves and respirator. Heavily treated spaces should be adequately ventilated and not re-entered for at least one hour after treatment.

AS A FUNGICIDE (mold and mildew) AND DISINFECTANT

Kills gram positive bacteria and influenza virus. For use in schools, hotels, motels, restaurants, offices, homes, and industrial buildings.

Use on pre-cleaned hard non-porous surfaces such as tiled porcelain, waste receptacles, compactors, on, in and around rest room fixtures, toilet seats, locker rooms, telephones, door knobs, furniture and empty containerized storage units.

For use against mold and mildew on floors, shower stalls and rest rooms. Follow method of application specified above.

AS A BACTERIOSTAT, FUNGISTAT, AND DEODORIZING AGENT

Apply Microban Disinfectant Spray as directed to floors, walls and ceilings that have been damaged by smoke, fire, floods and sewage backups.

For cleanup operations in areas such as attics, wall voids, basements, areas above suspended ceilings and similar inaccessible spaces in buildings. Spray avian, rodent and other animal and human wastes and carcasses as directed above, prior to removal and disposal. Treat spaces and surfaces as specified in method of application.

Use this product as a bacteriostat, fungistat, and deodorizing agent on carpeting found in schools, hotels, motels, homes, shelters, commercial, industrial and public buildings. After flood or water damage, vacuum or extract as much water as possible before application. Apply full strength with sprayer until moist to carpet nap and rake or brush in. To treat the backing and padding, a fogger is recommended. Allow to remain until dry. For best results, carpets should be cleaned before application.

TO DISINFECT (gram positive bacteria) FARM PREMISES, POULTRY HOUSES, ANIMAL PENS AND VEHICLES

Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and retraining animals, as well as forks, shovels, and craps used for removing litter and manure. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse. Apply Microban Disinfectant Spray full strength as directed in general method of application until thoroughly wet. Allow all surfaces to dry thoroughly, ventilate enclosed spaces adequately. Do not house animals in treated areas until thoroughly dry and free from odors. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be harmful if swallowed inhaled or absorbed through the skin. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing. May cause eye (and skin) irritation.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food or feed by storage and disposal. Keep from freezing. Store in ventilated areas. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Large containers (55 gallon drums and 5 gallon pails): Triple rinse (or equivalent) all containers and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities. Small container (1 gallon or less): Rinse thoroughly and discard with trash.

TEST FABRIC OR SURFACE IN AN INCONSPICUOUS AREA
 FOR COLOR FASTNESS OR ADVERSE REACTION

DIRECTIONS FOR USE

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body; or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. The product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Microban Disinfectant Spray should be applied with hand or power operated sprayers, foggers, automated metering systems or gravity drip dispensers as a bactericide (gram positive) fungicide (mold and mildew) and deodorizing agent to previously cleaned surfaces. Spray areas until thoroughly moist, giving special attention to cracks and crevices. Allow ten to twenty minutes for drying. It is not necessary to wipe the sprayed surface. Microban should not stain those materials not stained by water.

Microban Disinfectant Spray when used as directed is effective in decontaminating the treated exposed surfaces of bedding, mattresses, textiles, drapes, upholstered furniture, rugs, carpets and in storage areas to control mold and mildew and odors wherever they are a problem.

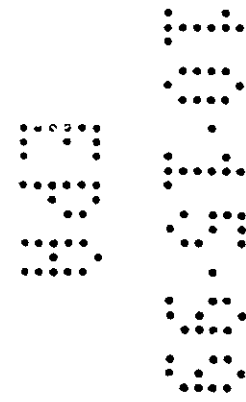
- | | | |
|---------------------------|--|----------------------|
| • Pest Control Service | • Second hand furniture stores | • Movie booths |
| • Odor Control Service | • Trash Chutes and Garbage Rooms | • Bowling alleys |
| • Carpet Cleaning Service | • Waste Compactors | • Antique shops |
| • Water Damage Service | • Storage areas and Basements | • Refuse trucks |
| • Restoration Service | • Condensation collection and Drainage areas | • Exercise rooms |
| • Disinfection Service | • Laundry receiving stations | • Shoes & boots |
| • Waste-Removal Service | • Air ducts | • Veterinaries |
| | | • Upholsterers shops |

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 12 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, this is a pesticide.
registered under EPA Reg. No. 70263-1



SHAKE WELL BEFORE AND DURING USE