

PM32

6768-8

143

Microban Germicide Company
 Eighth and Pine Avenues
 P.O. Box 777
 Braddock, PA 15104

SEP 13

Attention: Arnold Zlotnik

Gentlemen:

Subject: Microban X580 Institutional Spray
 EPA Registration No. 6768-8
 Your Amendment Dated July 5, 1988
 EPA Received Date July 13, 1988

This is in response to the subject amendment. Sorry for the oversight label amendment dated April 15, 1988. However, the labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment listed below. Five (5) copies of the finished labeling must be submitted.

- Under First Aid (If Swallowed) delete the phrase "Milk, egg whites or gelatin solution."

Should you have any further questions, please contact Veronica Dutch at (703) 557-6938.

Sincerely yours,


 Jeff Kempter
 Product Manager (32)
 Antimicrobial Program Branch
 Registration Division (TS-767C)

53371:I:Dutch:K-10:KENCO:9/12/88:9/21/88:CT:vo:jh:rv

CONCURRENCES

SYMBOL	TS-767C							
SURNAME	V. Dutch							
DATE	9-13-88							

Box 3

1-11-9-2

P. 11-2

SHAKE WELL BEFORE AND DURING USE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Microban Formula X-580 should be applied with hand or power operated sprayers, foggers, automated metering systems or gravity drip dispensers as an insecticide, bactericide, mold and mildewicide, fungicide 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 is non flammable. Direct and repeat spraying of Ants, Roaches, Bedbugs, Silverfish and other harmful insects and the cracks, crevices and hidden surfaces where they hide are necessary for control. Apply every 28 days or as often as needed.

To Kill Fleas and Ticks: Remove and destroy old animal bedding. Spray sleeping quarters of animals, floor areas, around baseboards, window and door frames, cracks, crevices and wherever the presence of these insects is suspected. Repeat as necessary. Thoroughly vacuum rugs and carpets prior to application. Do not spray animals. Put fresh bedding in animal quarters after spray has dried. Treat animals with a registered flea and tick control product before allowing them to enter treated area.

To Kill Sowbugs, Centipedes, Firebrats, Mites: Contact as many insects as possible with the spray. Also thoroughly spray all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, crevices, hidden surfaces under sinks, bathroom and utility rooms, floors, drapery, behind and under stoves and refrigerators.

To Kill Flies, Mosquitoes, Gnats and Wasps: Close all doors and windows and spray upward into center of room with a slow sweeping motion. Spray for 30 seconds for average room. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and destroy fallen insects. Before spraying cover exposed food and utensils.

To Kill Carpet Beetles, Lice and Moths: Clean all articles prior to application. Thoroughly spray top and under sides of rugs and carpets. Thoroughly spray the interiors of drawers, trunks, closets, cupboards and other storage units. Spray directly on mothballs, furures. When treating upholstered furniture and mattresses thoroughly spray material and pay particular attention to seams and tufts. Interiors should be treated to infiltrate hidden infestations.

Microban Formula X-580 when used as directed is effective in decontaminating bedding, mattresses, textiles, drapery, upholstered furniture, food, pets and in storage areas to control mold, mildew, fungi, insects and other organisms they are a problem.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 13 1988

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

6768-B

MICROBAN

INSTITUTIONAL SPRAY
AMMONIUM PHENATE FORMULA (WITH BROMINE)
MILDEWICIDE • BACTERICIDE • FUNGICIDE
INSECTICIDE AND DISINFECTANT (Anti-Microbial)

FOR INSTITUTIONAL, HOUSEHOLD, FARM PREMISE USES AND ANIMAL QUARTERS
Water Base Spray, Ammonium Phenate Formula (with Bromine)
Formula X-580 is a Broad Spectrum Disinfectant Against most Bacteria,
Insects, Fungus, Odors, Caused by Bacteria and Germs

ACTIVE INGREDIENTS	
Triphenyl Arsenic	75.00%
o-Phenylphenol	0.21%
Diethylphosphorotriethyl ether	0.64%
Benzyl ammonium chloride	0.64%
Bromine	0.33%
N-ethyl-N-cyclohexylphosphorodiamide	0.26%
Pyrimethinyl	0.10%
INERT INGREDIENTS	23.43%
TOTAL	100%

EPA Reg. #6768-B
EPA EST. 6768-PA-1

KEEP OUT OF REACH OF CHILDREN

WARNING

Statements of Practical Treatment

First Aid: In case of Contact flush eyes and skin with plenty of water for at least fifteen minutes. For eyes get medical attention. If swallowed drink promptly large quantities of water. Remove and wash contaminated clothing before reuse. See other precautions on side panel.

Net Contents: 1.1 PT 1 QT 1.1 GAL 5 GAL 55 GAL
Manufactured by MICROBAN GERMICIDE COMPANY P.O. Box 777 Braddock PA 15104
SHAKE WELL BEFORE AND DURING USE
U.S. Patent No. 3,458,670
SEE MICROBAN BULLETINS FOR ADDITIONAL USES AND RECOMMENDATIONS 1464 MCL

SHAKE WELL BEFORE AND DURING USE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Microban Formula X 580 should be applied with hand or power operated sprayers, foggers, automated metering systems or gravity drip dispensers as an insecticide, bactericide, mold and mildewicide, fungicide 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 is non flammable. Direct and repeat spraying of Ants, Roaches, Bedbugs, Silverfish and other harmful insects and the cracks, crevices and hidden surfaces where they hide are necessary for control. Apply every 28 days or as often as needed.

To Kill Fleas and Ticks: Remove and destroy old animal bedding. Spray sleeping quarters of animals, floor areas, around baseboards, window and door frames, cracks, crevices and wherever the presence of these insects is suspected. Repeat as necessary. Thoroughly vacuum rugs and carpets prior to application. Do not spray animals. Put fresh bedding in animal quarters after spray has dried. Treat animals with a registered flea and tick control product before allowing them to enter treated area.

To Kill Sawbugs, Centipedes, Firebrats, Mites: Contact as many insects as possible with the spray. Also thoroughly spray all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, crevices, hidden surfaces under sinks, basement and utility rooms, floors, doorjams, behind and under stoves and refrigerators.

To Kill Flies, Mosquitoes, Gnats and Wasps: Close all doors and windows and spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re entry. Sweep up and destroy fallen insects. Before spraying cover exposed food and utensils.

To Kill Carpet Beetles, Lice and Moths: Clean all articles prior to application. Thoroughly spray top and under sides of rugs and carpets. Thoroughly spray the interiors of lockers, trunks, closets, cupboards and other storage areas. Spray directly on restroom fixtures. When treating upholstered furniture and mattresses thoroughly spray exterior paying particular attention to seams and folds. Interior should be treated to eliminate hidden infestations.

Microban Formula X 580 when used as directed is effective in decontaminating bedding, mattresses, drapes, upholstered furniture, rugs, carpets and in storage areas to control mold, mildew, fungus, insects and odors wherever they are a problem.

- | | | |
|---------------------------|---------------------------------------|---------------------|
| • Pest Control Service | • Trash Chutes and Outside Rooms | • Motel Rooms |
| • Camp Ground Services | • Wash Campers | • Boat Camps |
| • Carpet Cleaning Service | • Storage Areas and Warehouses | • Truck Camps |
| • Stage Cleaning Service | • Food Service Areas and Dining Rooms | • Campgrounds |
| • Hotel Cleaning Service | • Garages | • Airplane Hangars |
| • Restaurant Services | • Bathrooms and Showers | • Airplane Service |
| • Motel Cleaning Service | | • Airport Terminals |

NOT REVIEWED
In Accordance with FR Notice No. 1
Based on Data



INSTITUTIONAL SPRAY AMMONIUM PHENATE FORMULA (WITH BROMINE)

MILDEWICIDE • BACTERICIDE • FUNGICIDE
INSECTICIDE AND DISINFECTANT (Anti-Microbial)

FOR INSTITUTIONAL, HOUSEHOLD, FARM PREMISE USES AND ANIMAL QUARTERS
Water Base Spray, Ammonium Phenate Formula (with Bromine)

Formula X 580 is a Broad Spectrum Disinfectant Against most Bacteria,
Insects, Fungus, Odors, Caused by Bacteria and Germs

ACTIVE INGREDIENTS	
Phosphoric Acid	75.00%
Phosphoric Acid	0.71%
Disinfectant - proprietary chemical compound	
Sodium Dichloro Oxide - disinfectant	0.69%
Bromine	0.84%
Acetic Acid - preservative-disinfectant	0.33%
Propylene Glycol	0.20%
Purifiers	0.10%
INERT INGREDIENTS	73.43%
TOTAL	100%

E.P.A. Reg. 45768-8
E.P.A. EST. 6760-PA-1

KEEP OUT OF REACH OF CHILDREN
WARNING

Statement of Potential Treatment

- Inhalation: Remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
- Swallowing: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.
- In Eyes or On Skin: Immediately flush with plenty of water. Get medical attention if irritation persists.

See other precautions on side panel

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

Mfg. by MICROBAN GERMICIDE COMPANY P.O. Box 777, Bradock, PA 15104

SHAKE WELL BEFORE AND DURING USE

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

SEE MICROBAN BULLETINS FOR ADDITIONAL USES AND RECOMMENDATIONS

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GENERAL METHOD

Surfaces and objects must be cleaned of gross dirt with and articles until thoroughly wet, use enough so that five minutes. For jogging and other large volume applications, clothing, gloves and respirator. Cleanly treated spaces should last one hour after treatment.

AS A BROAD SPECTRUM FUNGICIDE, MILDEWICIDE AND positive bacteria and influenza virus. In hospitals, veteran hotels, motels, homes and industrial buildings.

For use on pre-cleaned hard non porous surfaces such as in and around rest room fixtures, locker rooms, telephones, athletes foot fungus on floors, shower stalls, rest rooms.

AS A BACTERIOSTAT, FUNGICIDE

Apply Microban Formula X 580 as directed to floors, wall, floors and sewage backups.

For cleanup operations in areas such as attics, wall void, similar inaccessible spaces in buildings. Spray again, to cases as directed above, prior to removal and disposal application.

For use as a bacteriostat, fungistat and deodorizing agent strength until most to nap (top) maling and padding (

TO DISINFECT FARM PREMISES, POULTRY

Remove animals, litter, feed, feeding equipment. Remove suitable detergents. Apply Microban Formula X 580 full s until thoroughly wet. Allow all surfaces to dry thoroughly, animals in treated areas until thoroughly dry and free fr mangers, troughs, automatic feeders, fountains and wati water before reuse.

PRECAUTIONARY HAZARDS TO HUMANS AN

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

STORAGE AND

Storage: Keep from freezing. Store in ventilated areas. Do disposal: Dispose left overs in landfill approved for pesti disposal. Large containers (55 gallon drums and 5 gallon s dispose in a landfill approved for pesticide disposal. Sma discard with trash.