



MICROBAN

X-580

SPRAY

**MILDEWSTAT - BACTERICIDE (gram-positive) -
FUNGISTAT (mold and mildew) AND DEODORANT - ANTIMICROBIAL**

FOR HOUSEHOLD, FARM PREMISE AND ANIMAL QUARTERS USE

Formula X-580 is a Disinfectant Against Gram-Positive Bacteria (*Staphylococcus aureus* ATCC 6538) and is also effective in controlling insects, fungi (mold and mildew) and bacterial or organic odors.

ACTIVE INGREDIENTS

o-Phenylphenol.....	0.22%
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate.....	0.70%
N-octyl bicycloheptene dicarboximide.....	0.33%
Piperonyl butoxide technical*.....	0.20%
Pyrethrins.....	0.10%
Bromine.....	0.04%
INERT INGREDIENTS.....	98.41%
TOTAL.....	100.00%

[equivalent to (butylcarbityl) (6-propyl piperonyl) ether: 0.16% and related compounds: 0.04%]

E.P.A. REG.No. 70263-2

E.P.A. EST.NO

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

FIRST AID

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.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See other precautions on side panel

Net Contents 1Pt 1Qt 1GAL. 5GAL. 55GAL

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

SHAKE WELL BEFORE AND DURING USE

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

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, loaders and others exposed to this product must wear:

- long-sleeved shirt and long pants
- socks and shoes
- goggles or face shield

(Note to reviewer: If container size is 5 gallons or larger, the following Environmental Hazards statement will be used.)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a 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.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: 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.

GENERAL INFORMATION

Microban Formula X-580 when used as directed is effective in decontaminating the treated exposed surfaces of bedding, mattresses, textiles, drapes, upholstered furniture, rugs, carpets and in storage area to control mold, mildew, fungus, insects and odors whenever they are a problem.

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

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 (gram-positive bacteria), fungistat (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.

Direct and repeat spraying of Ants, Roaches, Bedbugs, Silverfish, and other harmful insects and in the cracks, crevices and hidden surfaces where they hide are necessary for control. Apply every 28 days or as often as needed.

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 pre-cleaned, hard non-porous surfaces, allowing to dry for 10 minutes. 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.

APPLICATION INSTRUCTIONS

AS A MILDEWSTAT, FUNGISTAT (mold and mildew) AND DISINFECTANT

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

Use this product on pre-cleaned hard non-porous surfaces such as glazed 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, rest rooms. Follow method of application specified above.

3 A BACTERIOSTAT FUNGISTAT AND DEODORIZING AGENT

Apply Microban Formula X-580 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, walls 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. For use as bacteriostat, fungistat, and deodorizing agent on carpeting found in schools, hotels, motels, homes, shelters and commercial and residential 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 cracking or 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 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 scrapers 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 X-580 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, managers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

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 are 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 and Mites: Contact as many insects as possible with the spray. Also thoroughly spray all parts of the room suspected of harboring the 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 undersides 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.

SHAKE WELL BEFORE AND DURING USE