Precautionary Statements:

Hazard to Human and Domestic Animals:

May cause eye injury. May cause irritation to skin and respiratory tract. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation.

Inhalation:

Get fresh air immediately. If not improved, call a doctor.

Ingestion:

If swallowed, give large amounts of water. Do not induce vomiting. Call a doctor.

Skin:

Wash off with plenty of water. Do not remove contaminated clothing unless necessary. Call a doctor if irritation persists.

Eye:

Rinse eyes with plenty of water for 15 minutes. Call a doctor if irritation persists.

Environmental Hazards:

Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

General Precautions and Restrictions:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift; (4) only protected handlers may be in the area during application. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying. (1) Do not allow adults, children, or pets access to treated areas until aerosols, vapors, and/or mists have dispersed.

Physical and Chemical Hazards:

This product is toxic to aquatic life. Do not discharge effluence containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit. This product is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

Toxicity:

Non-irritating to skin and eyes. Harmful if swallowed.

Fire and Explosion Hazards:

Do not use on heated surfaces. Do not use near electrical appliances. Do not use near open flames or heat sources. Do not store near heat or open flame. Use only as directed by the manufacturer.

Storage and Disposal:

Treat spaces and surfaces as specified in method of application. For use as a bacteriostat, fungistat and deodorizing agent on carpeting found in schools, hotels, motels, homes, shelters, and commercial and residential buildings. After water damage, vacuum or extract as much water as possible before application. After sewage or flood damage, discard carpet and padding. Apply with a round or flat applicator or paint sprayer.

General Method of Application:

Surfaces and objects must be clean of gross filth with suitable detergent before treatment. Spray surfaces and articles until thoroughly moist (do not wet article to point of runoff in drip), use enough to thoroughly cover areas of interest. Do not wet articles to point of runoff or drip. Do not use this product in a way that will contact adults, children, or pets, either directly or through drift. Do not discharge effluence containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit. This product is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

To disinfect farm premises, poultry houses, animal pens and vehicles:

Microban X-590 Institutional Spray is a broad spectrum disinfectant against most microorganisms, including bacteria, fungi, and viruses. It is effective against viruses and bacteria present in food and waterborne illnesses. It is effective against bacteria and viruses found in the environment, including those that cause colds, flu, and other respiratory infections. It is also effective against fungi and yeasts that cause skin infections and athlete’s foot. It is effective against some protozoa and parasites that cause gastrointestinal illnesses. It is effective against some viruses that cause colds and flu. It is also effective against some protozoa and parasites that cause gastrointestinal illnesses. It is effective against some protozoa and parasites that cause gastrointestinal illnesses.

To sanitize and disinfect feeders, mangers, and troughs:

Spray all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers, with soap or detergent, and rinse with potable water before reuse. Do not apply more than 1% of the Microban X-590 Institutional Spray to the total volume of water being treated. Do not apply more than 1% of the Microban X-590 Institutional Spray to the total volume of water being treated. Do not apply more than 1% of the Microban X-590 Institutional Spray to the total volume of water being treated.

To disinfect and sanitize farm premises, poultry houses, animal pens and vehicles:

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Precautionary Statements:

Hazard to humans and domestic animals

Pesticides may remain on treated surfaces. Wash hands thoroughly with soap and water after handling pesticide and before eating, drinking, or smoking. Do not use in the presence of children or pets.

Keep out of the reach of children. Do not drink. Do not inhale. Do not store in direct sunlight.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

Physical and Chemical Hazards

DIRECTIONS FOR USE

General precautions and restrictions

Do not apply to a dry product in a way that will settle dust, chaff, etc. Where possible, use an agricultural mist or power sprayer that will reduce the amount of drift, or use a sprayer designed for floors, walls, ceilings, etc. Do not apply to a dry product in a way that will settle dust, chaff, etc. When using this product, use an agricultural mist or power sprayer that will reduce the amount of drift, or use a sprayer designed for floors, walls, ceilings, etc.

KEEP OUT OF REACH OF CHILDREN

WARNING

See other precautions on side panel.

Microban X-590 Institutional Spray when used as directed is effective in decontaminating the treated exposed surfaces of bedding, mattresses, textiles, drapes, upholstered furniture, rugs, carpets and other soft surfaces.

The active ingredients in this product are:

- n, d-trans-Allethrin.......................................................................................................................................................0.10%
- Piperonyl butoxide technical................................................................................................................................... 0.20%
- N-octyl bicycloheptene dicarboximide.....................................................................................................................0.33%
- benzyl ammonium chloride monohydrate ...........................................................................................................0.70%
- o-Phenylphenol .......................................................................................................................................................0.22%

Active Ingredients

1 GAL. (3.785) Liters

For Institutional, Household, Farm Premise Uses and Animal Quarters

Deodorant disinfectant and antimicrobial

Mildewcidc • Bactericide • Fungicide

Keep out of reach of children. Do not inhale. Do not drink. Do not store in direct sunlight. To disinfect farm premises, poultry houses, animal pens and vehicles:

1.0 gal (3.81): 0.18 gal (0.70 liters) on non-food contact surfaces.

 Apply Microban X-590 Institutional Spray as directed to floors, walls, ceilings that have been damaged by smoke, fire, floods and sewage backups. For cleanup operations in areas such as attics, walls, basements, attics, garages, water tanks, soil pipes, aquariums, etc. Apply 1.0 gal (3.81) to the total area of the affected area. For use as a bacteriostat, fungistat and deodorizing agent on carpeting found in schools, hotels, motels, homes, shelters, houses, apartments, and industrial buildings. Apply 1.0 gal (3.81) to the total area of the affected area.

Apply Microban X-590 Institutional Spray to areas of the body that have been affected by sores, burns, abrasions, or lesions. Apply 1.0 gal (3.81) to the total area of the affected area.

TO DISINFECT FARM PREMISES, POULTRY HOUSES, ANIMAL PENS AND VEHICLES

1.0 gal (3.81): 0.18 gal (0.70 liters) on non-food contact surfaces.

Apply Microban X-590 Institutional Spray as directed to floors, walls, ceilings that have been damaged by smoke, fire, floods and sewage backups. For cleanup operations in areas such as attics, walls, basements, attics, garages, water tanks, soil pipes, aquariums, etc. Apply 1.0 gal (3.81) to the total area of the affected area. For use as a bacteriostat, fungistat and deodorizing agent on carpeting found in schools, hotels, motels, homes, shelters, houses, apartments, and industrial buildings. Apply 1.0 gal (3.81) to the total area of the affected area.

Apply Microban X-590 Institutional Spray to areas of the body that have been affected by sores, burns, abrasions, or lesions. Apply 1.0 gal (3.81) to the total area of the affected area.

STORAGE AND DISPOSAL

Do not dispose of used equipment, tools, or clothing. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate waterways or non-target soils.

Contact (800-348-6040) or visit www.microban.com for more information.

Manufactured For: PRORESTORE

EPA REGISTRATION NUMBERS

70385-4

See other precautions on side panel.
MIX ALL INGREDIENTS COMPLETELY BEFORE USING. COMPLETELY DRY SURFACES BEFORE TREATING. DOES NOT PREVENT RE-INFECTION. FULL DIRECTIONS FOR USE ARE IN THE INSTRUCTION SHEET ATTACHED TO THE BOTTLE. TREATMENT IS NOT COMPLETE WITHOUT FOLLOWING DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS: HAZARD TO HUMANS AND DOMESTIC ANIMALS

To Kill Fleas and Ticks:
Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter water bodies or drainage systems. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying.

GENERAL PRECAUTIONS AND RESTRICTIONS
Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not wet article to point of runoff or drip. Do not use treated material as feed or food for livestock or pets. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying.

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

If exposed or suspected to be exposed, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. If in eyes, remove contact lenses if worn, wash thoroughly with cool water. If on skin, wash promptly with cool water. Call a poison control center or doctor immediately for treatment.

If swallowed:
Contact a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

If on skin:
Wash thoroughly with cool water. Remove contaminated clothing and wash before wearing again. Call a poison control center or doctor immediately for treatment advice.

If in eyes:
Wash thoroughly with cool water. Have the product container or label with you when calling a poison control center, doctor or going for treatment. If on skin, wash promptly with cool water.

If inhaled:
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor immediately for treatment advice.

If on clothing:
Remove clothing immediately and wash separately.

If in clothing:
Wash clothing immediately and thoroughly.

If in food:
Wash cooking implements with soap and water. Rinse all utensils. Eat only food that has been cooked or served after the time the pesticide was last applied. Discard any uncooked food that cannot be cooked for at least 15 minutes after application. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.

If in water:
Contact a local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Inhalation:
If exposed or suspected to be exposed, move person to fresh air.

Ingestion:
If swallowed:
Contact a poison control center or doctor immediately for treatment advice.

If on skin:
Wash thoroughly with cool water. Remove contaminated clothing and wash before wearing again. Call a poison control center or doctor immediately for treatment advice. If on skin, wash promptly with cool water.

If in eyes:
Wash thoroughly with cool water. Have the product container or label with you when calling a poison control center, doctor or going for treatment. If in eyes, wash thoroughly with cool water.

If in food:
Wash cooking implements with soap and water. Rinse all utensils. Eat only food that has been cooked or served after the time the pesticide was last applied. Discard any uncooked food that cannot be cooked for at least 15 minutes after application. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.

If in water:
Contact a local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Do not dispose of empty containers andPPE in the trash. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.

Inhalation:
If exposed or suspected to be exposed, move person to fresh air.

Ingestion:
If swallowed:
Contact a poison control center or doctor immediately for treatment advice.

If on skin:
Wash thoroughly with cool water. Remove contaminated clothing and wash before wearing again. Call a poison control center or doctor immediately for treatment advice. If on skin, wash promptly with cool water.

If in eyes:
Wash thoroughly with cool water. Have the product container or label with you when calling a poison control center, doctor or going for treatment. If in eyes, wash thoroughly with cool water.

If in food:
Wash cooking implements with soap and water. Rinse all utensils. Eat only food that has been cooked or served after the time the pesticide was last applied. Discard any uncooked food that cannot be cooked for at least 15 minutes after application. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.

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Contact a local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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Inhalation:
If exposed or suspected to be exposed, move person to fresh air.

Ingestion:
If swallowed:
Contact a poison control center or doctor immediately for treatment advice.

If on skin:
Wash thoroughly with cool water. Remove contaminated clothing and wash before wearing again. Call a poison control center or doctor immediately for treatment advice. If on skin, wash promptly with cool water.

If in eyes:
Wash thoroughly with cool water. Have the product container or label with you when calling a poison control center, doctor or going for treatment. If in eyes, wash thoroughly with cool water.

If in food:
Wash cooking implements with soap and water. Rinse all utensils. Eat only food that has been cooked or served after the time the pesticide was last applied. Discard any uncooked food that cannot be cooked for at least 15 minutes after application. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.

If in water:
Contact a local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Do not dispose of empty containers andPPE in the trash. Do not contaminate food or water when disposing of equipment, washwater, or rinsate. Consult directions for use.
Treat animals with a registered flea and tick control product before allowing them to enter treated area. Apply every 28 days or as often as needed. 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 treated articles until spray has dried. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, and other handlers must wear: long-sleeved shirt and long pants, and shoes plus socks.

Personal Protective Equipment (PPE):
- Preface TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately.

Keep out of reach of children. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 eye. Call a poison control center or doctor for treatment advice.
- If on skin or clothing: Wash thoroughly with soap and water. Change clothing if noticeably stained.
- If swallowed: Do not inducete vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

AS A MILDEWCIDE, FUNGICIDE AND BROAD SPECTRUM DISINFECTANT: (Kills most gram negative and gram positive bacteria and influenza virus). In schools, hotels, motels, restaurants, offices, retail establishments, warehouses, and other commercial or institutional settings. Apply with a spray or dusting equipment, a fogging machine, or an electrostatic charger.

Apply Microban X-590 Institutional Spray as directed to floors, walls, ceilings that have been damaged by smoke, fire, floods and sewage backups. For cleanup operations in areas such as attics, basements, and crawl spaces, use a spray gun or dusting equipment. For use in pest control, used in feed mills and other food processing facilities. Apply to feed racks, manure piles, feed bins, floors, feeders, troughs, and waterers for the control of the following pathogens: Salmonella, Escherichia coli, and Campylobacter. Apply in a fine mist or dust for the control of Toxoplasma gondii and its oocysts. Apply in a fine mist or dust for the control of Cryptosporidium and its oocysts. Apply in a fine mist or dust for the control of Vibrio cholerae and its endospores.

For best results, carpets must be cleaned before application. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

In schools, hospitals, motels, restaurants, and other commercial or institutional settings. Apply with a spray or dusting equipment, a fogging machine, or an electrostatic charger.

This product is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.