NOTICE OF PESTICIDE 
_ Registration
__ Reregistration

Name and Address of Registrant (include ZIP Code)

Patrick Eddy  CEO
MicrobeCare
P O Box 70908
Albany GA 31708

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant the above named pesticide is hereby registered/reregistered under the Federal Insecticide Fungicide and Rodenticide Act

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No D 468506) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment.

a. Revise the EPA Registration Symbol to read EPA Reg No 89160 2

Signature of Approving Official

Velma Noble
Product Manager Team 31
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date: Nov 28 2012
3 Revise page 3 by deleting the paragraph MicrobeCare Antimicrobial provides residual self sanitizing activity against athlete's foot fungus (Trichophyton mentagrophytes) on treated socks. Durable for up to 10 repeated washings prevents 99.9% of the growth of athlete's foot fungus on the sock. Your product cannot bear this statement because the absence of data for Trichophyton mentagrophytes for the parent's product.

4 Revise HOW TO USE section on page 3. It does not contain directions how to apply this product by padding and foaming techniques. You must add directions how to apply your product using these application methods. Alternatively, you can remove every of those application methods from the label.

5 Revise the second paragraph on page 5 to read Aqueous solution must be prepared.

6 Revise the third paragraph on page 5 to read After applying treatment the surface must be allowed to dry.

A stamped copy of the accepted labeling with conditions is enclosed. Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3 (c) (5) and section 4 (a) when the Agency requires all registrants of similar products to submit such data. If the above conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter please contact Emilia Oguenblik at (703) 347 0199 or Velma Noble at (703) 308 6233.

Sincerely,

Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure Stamped Label
Master Label

**MicrobeCare Antimicrobial**
A Silane Quaternary Ammonium Salt

**ACTIVE INGREDIENT**
3 (trihydroxysilyl) propylmethyloctadecyl ammonium chloride 3 6%

**INERT INGREDIENTS**
96 4%

**TOTAL**
100 0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**
Have the product container or label with you when calling a poison control center or doctor or going for treatment

| 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 |

**PRODUCT FEATURES AND BENEFITS**

MicrobeCare Antimicrobial imparts durable biostatic activity to the surface of a wide variety of substrates

MicrobeCare Antimicrobial is effective against mold, mildew and algae as a static agent.

Increased efficiency through proper application durable bacteriostatic fungistatic and algistatic surfaces can be attained with a minimum amount of MicrobeCare Antimicrobial.

Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

EPA REG NO 89160 2

EPA EST NO

**Sold by**
MicrobeCare
P O Box 70908
Albany, GA 31708
229 435 1212

Made in USA

Net Contents _______
Lot No _______
INDUSTRIAL USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye irritation Avoid contact with eyes or clothing Wear protective eyewear Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish 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 Deactivation may be required during clean up if a spill occurs Deactivation of MicrobeCare Antimicrobial can be achieved by the addition of an anionic surfactant or detergent (such as soap sulfones or sulfates) in quantity equivalent to that of the active ingredient

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its label

FOR INDUSTRIAL USE This product is registered for formulation into Antimicrobial Products or as a microbiostatic agent for material preservation

Antimicrobial product formulations containing MicrobeCare Antimicrobial require approval by the US EPA for antimicrobial claims made Formulators are responsible for satisfying registration requirements for their formulated products

For use as a microbiostatic agent for material preservation neither this product nor the articles treated with this product may state or imply any public health claims Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152 25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself

APPROVED USES MicrobeCare Antimicrobial may be applied to or incorporated into manufactured products listed below for use in industrial institutional commercial or residential locations for non food contact uses

Plastics fiberglass metals glass wood ceramics stone natural materials composites Including air filters for furnaces air conditioners air purification devices automobiles and recirculating air handling systems aquarium filters automotive and vehicular parts roofing materials (tiles shakes shingles granules stone membranes e funderlayments and synthetic overcoats) building materials and components (including siding wallboard wood and wood composites insulation and non food contact cabinetry) ceiling tiles concrete products dry concrete and grout mixes non food contact conveyor and humidifier belts for food contact countertops fiberglass ductboard for air handling systems floor covering floor covering general purpose (non food contact) containers furniture bathroom and non food contact kitchen hardware mats plumbing supplies and fixtures sheet and formed glass mops vacuum cleaner bags and filters foam for packaging and box forming in nonfood contact applications
Fibers fabrics (natural and synthetic woven and non woven) leather and household materials (natural and synthetic) Including buffer pads (abrasive and polishing) mattress cover pads filling and ticking pillow covers sheets blankets bedspreads fiberfill for upholstery apparel recreational gear quilts and pillows curtains draperies carpet and carpet underlay rugs upholstery towels shower curtains toilet tank and seat covers wall covering fabrics and wallpaper (including vinyl) for non food contact surfaces umbrellas fire hose fabric non woven disposable diapers wiping cloths pre moistened towelettes and tissue wipes (these do not impart pesticidal properties) apparel including outerwear sportswear sleepwear socks hosiery undergarments gloves and uniforms footwear (boots shoes and components) sports equipment and athletic gear cloth for sails ropes tents and other outdoor equipment sand bags tarps awnings book covers pictures

Miscellaneous Manufactured Products Paints and Coatings disposable foam cushions for Lapidus Airfloat Systems foam used as a growth medium for non food crops and plants MicrobeCare Antimicrobial provides residual self sanitizing activity against athlete's foot fungus (Trichophyton mentagrophytes) on treated socks Durable for up to 10 repeated washings prevents 99.9% of the growth of athlete's foot fungus on the sock

HOW TO USE
Wear protective eyewear (goggles or face shield) and rubber gloves when using this product

MicrobeCare Antimicrobial can be applied to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients. Aqueous solutions can be prepared by simply adding the antimicrobial agent to water with stirring. NOTICE Poor agitation when adding this silane to water can result in locally high concentrations which may form gel particles. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying, until adequately wet or applying by foaming techniques. After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of 160°C (320°F) to effect complete curing of silanol groups and to remove water solvents and/or traces of methanol from hydrolysis. Curing of polymer may be accelerated or enhanced with heat or catalysis. For each application, determine optimum application and drying conditions such as time and temperature before use. If desired, reapply MicrobeCare Antimicrobial if odor staining and discoloration due to bacteria, mold, or mildew occur.

Incorporate MicrobeCare Antimicrobial directly into formulations used to make end use products, or dilute with water and then apply it to the organic and inorganic surfaces to give 0.1 to 1.0 percent by weight of active ingredient.
COMMERCIAL USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION Causes moderate eye irritation Avoid contact with eyes or clothing Wear protective eyewear Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish 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 Deactivation may be required during clean up if a spill occurs Deactivation of MicrobeCare Antimicrobial can be achieved by the addition of an anionic surfactant or detergent (such as soap sulfones or sulfates) in quantity equivalent to that of the active ingredient

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its label

FOR COMMERCIAL APPLICATIONS (IN HOMES OFFICES AUTOMOBILES AND INSTITUTIONS) This product is registered as a microbiostatic agent for material preservation only neither this product nor the articles treated with this product may state or imply any public health claims Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself

APPROVED USES MicrobeCare Antimicrobial is effective against odor causing bacteria bacteria which cause staining and discoloration fungi (mold and mildew) and algae as a static agent It can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity

- Carpet draperies and upholstery furniture bedding and linens shoes and apparel book covers and pictures
- Plastics fiberglass metals glass wood ceramics stone natural materials composites including air filters for furnaces air conditioners air purification devices automobiles and recirculating air handling systems automotive and vehicular parts concrete products roofing materials (tiles shakes shingles granules stone membranes felt underlayment and synthetic coatings) building materials and components including siding wallboard wood and wood composites and insulation non food contact hard surfaces including floors and floor covering walls ceilings ceiling tiles ceramic tile non food contact countertops concrete chrome stainless steel fiberglass vinyl porcelain fabric and paper wall covering wood and glass fixtures marble aluminum and non food contact cabinetry

Edit date 2012 08 02
HOW TO USE
Wear protective eyewear (goggles or face shield) and rubber gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

MicrobeCare Antimicrobial can be applied to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients (suggested starting level is 1 part of MicrobeCare Antimicrobial to three parts of water). Aqueous solutions can be prepared by simply adding the antimicrobial to water with stirring. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying until adequately wet or applying by foaming techniques.

After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of 160°C (320°F) to effect complete condensation of silanol groups and to remove water solvents and/or traces of methanol from hydrolysis. If necessary, reapply MicrobeCare Antimicrobial every three months or when odor staining and discoloration due to bacteria, mold, stains, and mildew stains return.

For Commercial Spray Equipment and Pump Spray Application: Dilute 1 part of MicrobeCare Antimicrobial to three parts of water. Apply (with pump sprayer) spray 4-6 inches from the surface) entire area making sure the surface is completely covered; then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and colorfastness of fabrics and carpets by treating and drying a small concealed area prior to application. When treating coarser substrates, more MicrobeCare Antimicrobial may be required due to absorption.

For Dipping/Soaking Application: Use appropriate sized washbasin or tub for dipping/soaking the item you are treating. Use enough MicrobeCare Antimicrobial solution to completely submerge item. Dilute 1 part of MicrobeCare Antimicrobial to three parts of water; mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and colorfastness of fabrics by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160°C (320°F).

For each application, determine optimum application and drying conditions such as time and temperature before use. If desired, reapply MicrobeCare Antimicrobial if odor staining and discoloration due to bacteria, mold, or mildew occur.
CONSUMER USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye irritation Avoid contact with eyes or clothing Wear protective eyewear Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

DIRECTIONS FOR USE

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

WASHABLE LINENS, DRAPERIES FABRIC, BEDDING AND APPAREL

Dipping/Soaking Use a wash tub or machine for soaking the items you are treating Always treat only clean items and use only fresh rinse water

Wash Tub Use washbasin or tub big enough to completely soak the item you are treating Add 1 ounce of MicrobeCare Antimicrobial to sufficient water to soak 4 lbs of fabric 2 ounces of MicrobeCare Antimicrobial for 8 lbs Completely submerge items in solution for 3 minutes Remove items and dry Test for staining and color fastness of fabrics by treating and drying a small concealed area prior to application Do not reuse solution after dipping/soaking The substrate can be dried at room temperature or in a clothes dryer at the appropriate setting for the items

Washing Machine Clean items first Then run only rinse cycle Add 2 ounces of MicrobeCare Antimicrobial for small load 3 ounces for medium load or 4 ounces for large load settings on the machine Run the full rinse cycle to treat the fabrics then allow to dry overnight or use a dryer under the appropriate heat setting for the fabrics being treated Test for staining and color fastness of fabrics by treating and drying a small concealed area prior to application

Spray Clean items prior to application Dilute one part of MicrobeCare Antimicrobial to three parts of water and mix or shake well Using trigger pump sprayer or pressure sprayer spray entire surface area 4 6 from the surface making sure the surface is completely covered Let stand until dry or dry under the appropriate heat setting for the fabrics being treated If spotting occurs wipe with moist cloth or sponge Test for staining and color fastness of fabric by treating and drying a small concealed area prior to application If necessary reapply every three months or when odor staining and discoloration due to bacteria mold stains or mildew stains return

CARPET AND UPHOLSTERY/FURNITURE

Spray Always apply only to clean surfaces Dilute one part of MicrobeCare Antimicrobial to three parts of water and mix or shake well Apply to carpet and furniture using a trigger pump sprayer or pressure sprayer Spray entire surface from 4 6 distance until completely covered The amount needed for treatment will depend on the coarseness and absorbency of the material being treated Allow to dry thoroughly before re entry A fan may be used to assist in drying carpeting Remove children and pets from treated area until completely dried If spotting occurs wipe with moist cloth or sponge Test for staining and color fastness of fabric by treating
and drying a small concealed area prior to application. If necessary, reapply every three months or when odor, staining, and discoloration due to bacteria, mold stains, or mildew stains return.

FOR BATHROOM AND NON FOOD CONTACT BUILDING SURFACES (including tubs and showers, tiles, vanity tops, shower curtains, grout, sinks, washable walls, wallpaper, floors, window sills, concrete or stone surfaces, and garbage cans)

Spray. Always apply only to clean surfaces. Dilute one part of MicrobeCare Antimicrobial to three parts of water and mix or shake well. Apply to surface using a trigger pump sprayer or pressure sprayer. Spray entire surface from 4–6 distance until completely covered. Allow to dry thoroughly before use. If spotting occurs, wipe with moist cloth or sponge.

GROUT AND CEMENT MIX ADDITIVE For use as a grout or cement additive, add MicrobeCare Antimicrobial directly to the dry mix during the grout or cement preparation. Use 25 fluid ounces of MicrobeCare Antimicrobial per 5 pounds of dry grout mixture. Follow directions for grout or cement using MicrobeCare Antimicrobial as part of the added water. Addition of MicrobeCare Antimicrobial inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae on the surface of the cured grout.

FILTERS AND FILTER MATERIAL (Aquarium filters, vacuum cleaner filters, and air)

Spray. Always apply only to clean surfaces. When treating filters, remove filter from unit. Dilute one part MicrobeCare Antimicrobial to three parts of water and mix or shake well. Apply to surface using a trigger pump sprayer or pressure sprayer. Spray entire surface from 4–6 distance until completely covered. Allow to dry thoroughly before use.
STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal

For household/residential use packages

Use by ____________________

Storage and Disposal Store in original tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original unopened containers at or below 25 C (77 F), MicrobeCare Antimicrobial must be used by the Use by date identified.

Container Handling Nonrefillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages

Small Packages (1 gal or less)
STORAGE Store in original tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original unopened containers at or below 25 C (77 F), MicrobeCare Antimicrobial has a minimum shelf life of 12 months from date of shipment.

PESTICIDE DISPOSAL Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Follow the triple rinse procedure as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Pails, Drums and Intermediate Bulk Containers (IBC)
STORAGE Store in original tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original unopened containers at or below 25 C (77 F), MicrobeCare Antimicrobial has a minimum shelf life of 12 months from date of shipment.

PESTICIDE DISPOSAL Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying.

For containers up to 5 gallons, triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.
equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers greater than 5 gallons, triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**NOTICE** MicrobeCare warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in the labeling when used in accordance with directions under normal conditions of use. But this warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. MICROBECARE SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING THE WARRANTY OF MERCHANTABILITY.

**OPTIONAL MARKETING LANGUAGE**

MicrobeCare Antimicrobial is a fast, easy, and affordable solution for treating surfaces against staining and discoloration caused by mold and mildew. It helps in the fight to clean and prevent mold and mildew on treated surfaces inside and outside your home.

For use in Bathrooms
For use on Non Food Contact Kitchen Surfaces
For use on Linens
For use on Draperies
For use on Fabrics
For use on Apparel
For use on Carpets
For use on Bedding
For use on Upholstery/Furniture
For use on Roofs
For use on Air Filter Materials
Prevents Mold and Mildew Stains and Odors on Treated Surfaces

Edit date 2012 08 02
Water Based & Odor Free

Creates an invisible barrier that inhibits the growth of mold and mildew on Treated Surfaces

Creates an invisible barrier that inhibits the growth of odor causing bacteria on Treated Surfaces

Protects indoors and out!

Spray on installed glazed tiles and wallpaper tubs shower curtains shower stalls sinks window sills cabinets garbage cans appliances and vanity tops weekly to replenish barrier

Use on clothing bedding upholstery and drapes

Great for roofs Reapply every 3 months if needed