

89160-1

11/28/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington D C 20460

EPA Reg Number
89160 1

Date of Issuance
NOV 28 2012

Term of Issuance
Unconditional

Name of Pesticide Product
MicrobeCare XLP

NOTICE OF PESTICIDE
[X] Registration
___ Reregistration

(under FIFRA as amended)

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 468504 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 re registration 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 1

Signature of Approving Official
Velma Noble
Product Manager Team 31
Regulatory Management Branch I

Date
NOV 28 2012

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE and rows for Antimicrobials Division (7510P)

3 Revise your label to be in agreement with PR Notice 2001 1 by placing the first aid statements in order from most toxic to least toxic route of exposure Revise such that the If in Eyes statement immediately precedes the If Inhaled statement

4 Revise your label by deleting the paragraph MicrobeCare XLP 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 You product cannot bear this statement because the absence of data for Trichophyton mentagrophytes

5 Revise the HOW TO USE section It does not contain directions how to apply this product by padding fogging and foaming techniques You must add directions how to apply this product using above application methods Alternatively you can remove one or more of those application methods from the label

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 Oiguenblik 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

MicrobeCare XLP

A SILANE QUATERNARY AMMONIUM SALT

ACTIVE INGREDIENT	3 (trimethoxysilyl) propyldimethyloctadecyl ammonium chloride	72.0 %
INERT INGREDIENTS		28.0 %
TOTAL		100.0 %

CONTAINS OVER 12% METHANOL

KEEP OUT OF REACH OF CHILDREN

DANGER!  **POISON**

FIRST AID

If inhaled	Move person to fresh air If person is not breathing call 911 or ambulance then give artificial respiration preferably by mouth to mouth if possible Call a Poison Control Center or doctor for treatment advice
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes Remove contact lenses if present after first 5 minutes then continue rinsing Call a Poison Control Center or doctor for treatment advice
If on skin or clothing	Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a Poison Control Center or doctor for treatment advice
If swallowed	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

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week 6:30 am to 4:30 pm Pacific Time (NPIC website www.npic.orst.edu)

PRODUCT FEATURES AND BENEFITS

MicrobeCare XLP imparts durable biostatic activity to the surface of a wide variety of substrates. MicrobeCare XLP 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 XLP. Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

EPA REG NO 89160
EPA EST NO

Sold by
MicrobeCare
P O Box 70908
Albany, GA 31708

Made in USA
Net Contents _____

~~200-435-1212~~
with COMMENTS
in EPA Letter Dated
NOV 28 2012

Lot No _____

Edit date 2012 08 02

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No 89160-1

Precautionary Statements

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE CONTAINS 12% METHANOL CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN IRRITATION MAY BE FATAL IF INHALED Methanol may cause blindness. May be harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear, rubber gloves, and protective clothing. Do not breathe vapor. Wear a NIOSH approved respirator with any N, R, P, or HE filter. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol vapors in the work area. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco, chewing gum, or using the toilet. Remove and wash contaminated clothing before reuse.

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.

Every effort should be made to contain accidental spills of concentrate to the immediate area. This may be accomplished by the use of sandbags or barrier material to confine the spill to facilitate cleanup and disposal. Contaminated sand or barrier material may then be disposed of by burial in an approved landfill. Many spills may be cleaned up with rags or other absorbent materials by wiping, soaking, and/or mopping and allowing the liquid to absorb onto the material. The absorbent material may then be disposed of by incineration or landfill. Floor drains in areas of material use should be protected with absorbent material or barrier material to contain accidental spills.

Inactivation of solutions containing MicrobeCare XLP may be accomplished by addition of an anionic surfactant or detergent in quantity equivalent to that of MicrobeCare XLP solution.

ACCEPTED
with COMMENTS
in EPA Letter Dated

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

DIRECTIONS FOR USE

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

NOV 28 2012
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under EPA Reg No. 89160-1

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

Antimicrobial product formulations containing MicrobeCare XLP 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 XLP is for application to or incorporation within 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 felt underlayment and synthetic overcoats) building materials and components (including siding wallboard wood and wood composites insulation and non food contact cabinetry) ceiling tiles concrete products paints and coatings mastics and sealants cementitious materials (including caulk grout and cement and grout premixes) non food contact conveyor and humidifier belts non food contact countertops fiberglass ductboard for air handling systems floor covering flooring general purpose (non food contact) containers furniture bathroom and non food contact kitchen hardware mats plumbing supplies and fixtures sheet and formed glass non food contact sponges and mops vacuum cleaner bags and filters foam for packaging and cushioning in non food 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 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 file folders and binder covers book covers pictures

Miscellaneous Manufactured Products disposable foam cushions for Lapidus Airfloat Systems foam used as a growth medium for non food crops and plants

~~MicrobeCare XLP provides residual self-sanitizing activity against athlete's foot fungus (Trichophyton montagrophytes) on treated socks. Durable for up to 10 repeated washings and prevents 99.9% of the growth of athlete's foot fungus on the sock~~

ACCEPTED with COMMENTS in EPA Letter Dated NOV 28 2013 Under the Federal Insecticide Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No 89160

HOW TO USE

Wear goggles or face shield protective clothing rubber gloves and respirator when handling the concentrated material Use with proper ventilation Undiluted MicrobeCare XLP contains 12 percent methanol Do not breathe vapors Keep away from heat and open flame Methanol is released during mixing application and drying If desired methanol removal may be accelerated by heating dilute solution before treatment of substrate Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol vapors in the work area

MicrobeCare XLP is for application to organic and inorganic surfaces such as dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients Aqueous solutions are 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 are treated with the aqueous solution by brushing dipping padding soaking spraying or fogging until adequately wet or applying by foaming techniques After applying treatment the surface is 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 is 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 XLP if odor staining and

discoloration due to bacteria mold or mildew occur

Incorporate MicrobeCare XLP directly into formulations used to make end use products or dilute with water or with organic solvents such as alcohols ketones esters hydrocarbons and chlorinated hydrocarbons and then apply it to the organic and inorganic surfaces to give 0.1 to 1.0 percent by weight of active ingredient

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

1 lb Packages

Storage and Disposal

Store in original tightly closed container in an area inaccessible to children or persons unfamiliar with its use Moisture sensitive Reclose tightly after each use When stored in original unopened container at or below 25 C (77 F) MicrobeCare XLP has a shelf life of 12 months from date of shipment Do not reuse container Discard in trash

ACCEPTED
COMMENTS
EPA Letter Dated
NOV 28 2014
Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
regulated under EPA 40 CFR 1891601

Pails and Drums

STORAGE Store in original tightly closed container in an area inaccessible to children and away from food or feed Moisture sensitive 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 XLP has a minimum shelf life of 12 months from date of shipment

PESTICIDE DISPOSAL Pesticide is acutely hazardous Pesticide wastes are toxic Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance

CONTAINER HANDLING NONREFILLABLE CONTAINER Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate) After emptying and cleaning it may be allowable to temporarily hold rinsate or other pesticide related materials in the container Contact your state regulatory agency to determine allowable practices in your state Offer for recycling if available

Triple rinse container promptly after emptying

For pails 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

For drums 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

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