



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 83129-1

Date of Issuance: NOV 2 2006

Term of Issuance: Conditional

Name of Pesticide Product: mPale Antimicrobial with AEGIS Microbe Shield

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Attn: Robert Kelly
mPact Environmental Solutions, LLC
P.O. Box 1385
Fountain Inn, SC 29644

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 is conditionally 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 Number to read, "EPA Reg. No. 83129-1".
b) Since this product's acute toxicology data supported toxicity category IV for all routes of exposure, the label does not require a Signal Word, Precautionary Statements, or First Aid Statements (40CFR 156.64 (a)(4)).

Signature of Approving Official:

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

Date:

NOV 2 2006

However, it is at your discretion whether you would like your product's label to carry a signal word, precautionary statements, and first aid statements. The precautionary statements and first aid statements are acceptable.

c) Under "Storage and Disposal," delete the "Pesticide Disposal" statements because they are excessive for a product with an acute toxicology profile that supports a category IV for all routes of exposure. Revise the "Pesticide Disposal" statements to read "*Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.*"

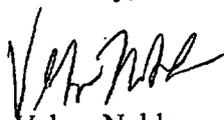
3. A Storage Stability and Corrosion Characteristics study must be conducted according to Agency guidelines and submitted to us by June 1, 2007.

4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



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

Enclosure: Stamped Label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

mPale™ ANTIMICROBIAL with AEGIS MICROBE SHIELD™

A SILANE QUATERNARY AMMONIUM SALT

EPA Reg. No. 83129- EPA Est. 66428-SC- 001

ACTIVE INGREDIENT: 3 (trihydroxysilyl) propyldimethyl octadecyl ammonium chloride	0.84%
INERT INGREDIENTS:	99.16%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN

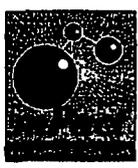
FIRST AID

Have product container or label with you when calling Poison Control Center or doctor, or going for treatment.

If in eyes:	<ul style="list-style-type: none"> • 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 inhaled:	<ul style="list-style-type: none"> • 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 skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water.
If swallowed:	<ul style="list-style-type: none"> • 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.

LOT NO.

NET CONTENTS



ACCEPTED
with COMMENTS
in EPA Center Dated:
NOV 2 2006

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 83129-1

mPact Environmental Solutions, LLC
P.O. Box 1385, Fountain Inn, SC 29644 U.S.A.
1-877-977-8686 © 2006 mPact Environmental Solutions
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MADE IN U.S.A.

PRECAUTIONARY STATEMENTS

Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation; avoid contact with eyes, skin, and clothing. Wear protective eyewear (glasses, goggles or faceshield) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

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

De-activation may be required during clean up if a spill occurs. De-activation of mPale 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.

PRODUCT FEATURES AND BENEFITS

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

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR INDUSTRIAL/INSTITUTIONAL/RESIDENTIAL/COMMERCIAL USE

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

- Carpet, Draperies, Upholstery, Furniture, Book Covers, and Pictures
- Interior Non-Food Contact Hard Surfaces: Floors and Floor Coverings, Walls and Wall Coverings, Ceramic Tile, Concrete, Chrome, Stainless Steel, Sealed Fiberglass, Vinyl, Porcelain, Wood and Glass Fixtures, Marble, and Aluminum

MSDS INFORMATION: READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET CAN BE OBTAINED BY WRITING TO mPACT ENVIRONMENTAL SOLUTIONS, LLC OR ON THE WEB AT www.mPACTUSA.com.

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.

mPale Antimicrobial is to be applied to organic and inorganic surfaces as supplied by brushing, dipping, padding, soaking, spraying or fogging 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 mPale Antimicrobial every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

For Pump Spray Application: Using pump sprayer, spray entire area 4-6 inches from the surface making sure the surface is completely covered. Apply and 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. One gallon of mPale Antimicrobial treats approximately 200 square feet. When treating coarser substrates, more mPale Antimicrobial may be required due to absorption.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers), apply and 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 color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more mPale Antimicrobial may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use.

For Dipping/Soaking Application: Use appropriate sized washbasin or tub for dipping/soaking the item you are treating. Use enough mPale Antimicrobial solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item 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 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 mPale Antimicrobial if odor, staining and discoloration due to bacteria, mold or mildew occur.

STORAGE AND DISPOSAL

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

STORAGE: 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), mPale Antimicrobial has a minimum shelf life of 12 months from date of shipment.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. 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 DISPOSAL: Do not reuse containers. Triple rinse (or equivalent) empty containers. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. This container will have product residues

when emptied. All hazard precautions on label must be observed when handling emptied container.

NOTICE: mPact Environmental Solutions, LLC 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.

mPACT ENVIRONMENTAL SOLUTIONS, LLC SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.