



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

December 9, 2020

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mary Myers
Office Manager for,
mPact Environmental Solutions, LLC
P.O. Box 277
Fountain Inn, SC 29644

Subject: Notification per PRN 98-10 – To change the spelling of the active ingredient
Product Name: MPale Antimicrobial
EPA Registration Number: 83129-1
Application Date: November 11, 2020
Decision Number: 567942

Dear Ms. Myers:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

If you have any questions, you may contact Karen M. Leavy at (703)-308-6237 or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Karen M. Leavy, Esq.", written in a cursive style.

Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division(7510P)
Office of Pesticide Programs

mPale™ ANTIMICROBIAL

A SILANE QUATERNARY AMMONIUM SALT

ACTIVE INGREDIENT: 3 (Trimethoxysilyl) propyldimethyl octadecyl ammonium chloride.....0.84%
[{INERT} {OTHER}] INGREDIENTS 99.16%
TOTAL 100.00%

NOTIFICATION

83129-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/09/2020

KEEP OUT OF REACH OF CHILDREN

LOT NO.

NET CONTENTS



mPact Environmental Solutions, LLC

P.O. Box 277, Fountain Inn, SC 29644

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[{MADE IN U.S.A.} {Manufactured in the United States} {of America}]

EPA Reg. No. 83129- 1

EPA Est. 66428-SC-1

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.

This product does not protect users or others against food-borne or disease-causing bacteria.

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 (against stains and odors), 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.}
- {Cleans {and} {protects} surfaces from {odor causing bacteria} {and} {discoloration} { or} {staining} }
- {Antimicrobial surface protectant against {odor causing bacteria} {and} {discoloration} {or} {staining} }
- {Long Lasting-Reapplication recommended every 30 days*}]

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} {Hospitality} {Hospitals} {Medical Facilities} {Dental Facilities} {Memory Care Facilities} {Assisted Living Facilities} {Nursing Homes} {Rehabilitation Facilities} {Physical Therapy Facilities} {Ambulances} {Daycare Centers} {Pre-Schools} {Schools} {Universities} {Dormitories} {Barracks} {Apartments} {Houses} {Hotels} {Health Clubs} {Gyms} {Spas} {Nail Salons} {Hair Salons} {Barber Shops} {Tanning Salons} {Artificial Turf Fields} {Sports Facilities} {Stadiums} {Athletic Clubs} {Gymnasiums} {Recreation Facilities} {Dance Studios} {Gymnastics Facilities} {Riding Schools} {Locker Rooms} {Restrooms} {Rest Areas} {Shower Facilities} {Museums} {Movie Theaters} {Bowling Alleys} {Arcades} {Fun Parks} {Theme Parks} {Trampoline Parks} {Bounce Houses} {Waiting Areas} {Playgrounds} {Water Parks} {Skate Parks/Skating Rinks} {Ice Skating/Hockey Facilities} {Elevators} {Escalators} {Boats} {Campers} {Subways} {Subway Terminals} {Cruise Ships} {Airplanes} {Airline Terminals} {Trains} {Train Stations} {Transportation Terminals} {Ride Shares} {Taxis} {Buses} {Bus Stations} {Offices} {Police Vehicles} {Fire Department Vehicles} {Vehicles} {Jails/ Prisons} {Laundromats} {Grocery Stores} {Retail Facilities and Shopping Malls} {Restaurants (non-food contact areas only)} {Convenience Stores} {Churches} {Synagogues} {Temples} {Mosques} {Military Installations} {Bases} {Outposts} {Armories} {Recruiting Centers} {Veterinary Practices} {Animal Hospitals} {Animal Surgeries} {Kennels} {Boarding Facilities} {Other Animal Care Facilities}] 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 and the resulting stains and/or odors) activity:

[{Carpet} {Floors} {Floor Coverings} {Concrete} {Draperies} {Upholstery} {Furniture} {Book Covers} {Pictures} {Interior Non-Food Contact Hard Surfaces} {Walls} {Wall Coverings} {Dry Wall/Sheetrock} {Fiberglass Duct Board} {Brass} {Chrome} {Stainless Steel} {Aluminum} {Sealed Fiberglass} {Vinyl} {Plastic} {PVC} {CPVC} {Porcelain} {Marble} {Ceramic Tile} {Wood and Glass Fixtures} {Shower Curtains} {Air Filters} {Furnaces} { Air Conditioners} {Automotive Cabin Air Filters} {HVAC Filters} {Air Purification Devices} {Air Handling Systems} {Air Filters/Materials} {Bed Frames} {Mattresses} {Bed Sheets} {Blankets} {Bedspreads/Quilts/Comforters} {Cots} {Sleeping Mats} {Uniforms} {Athletic Equipment} {Helmets/Headgear} {Protective Pads} {Athletic Shoes} {Weights} {Athletic Mats} {Equipment Tables} {Hand Weights} {Weight Lifting Machines/Equipment} {Weight Lifting Benches} {Lockers} {Artificial Turf Surfaces} {Casual shoes} {Shoe Insoles} {Strollers} {Cribs} {Childrens Gyms/Activity Centers} {Playpens} {Toys} {Play Tables} {Baby Furniture} {Child Car Seats} {Booster Seats} {High Chairs} {Feeding Tables} {Diaper Pails} {Diaper Changing Tables} {Potty Training Seats} {Childrens Furniture} {Wheel Chairs} {Walkers} {Over Bed Tables} {End Tables} {Examination Tables} {Nursing Carts} {Instrument Tables} {Lab Benches} {Hospital Beds} {IV Poles} {Vital Signs Monitor} {Waiting Rooms} {Exam Rooms} {Waiting Room Furniture} {Nursing Station Furniture and Fixtures} {Dental Exam Tables, Carts, Chairs} {Massage Tables} {Laundry Hampers} {Linen Baskets} {Bathroom Counters/Vanities} {Grocery Carts} {Desks} {Salon Stations} {Salon Chairs} {Salon Sinks} {Salon Foot Baths/Pedicure Station} {Salon Massage Chairs} {Cat Litter Boxes} {Animal Exam Rooms} {Animal Cages} {Animal Exam Tables} {Animal Carriers} {Animal Enclosures} {Breeding Equipment} {Breeding Pens/Enclosures}]

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} {or 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 mPale Antimicrobial every three months or when odor, staining and discoloration due to mold stains, mildew and bacteria not related to public health return.}

[{For Pump Spray Application: Using pump sprayer, apply the product 4-6 inches from the surface making sure the surface is completely covered. Remove excess product with a paper towel or lint free cloth. Allow surface to air dry. Reapply another coat, if desired. 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 - 800 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 Electrostatic Spray Application: Using an electrostatic sprayer, spray surfaces from a distance of about 36 inches to the point of saturation, being careful not to let the liquid start to drip. A sheen will be present on the surface when complete.}

{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 spotting occurs especially on glass or mirrored surfaces, wipe with lint free cloth {{moist} {cloth} {or} {sponge}}. 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: 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 as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Offer for recycling if available or dispose of in trash in a sanitary landfill or by incineration.

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

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.

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