



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 5, 2022

Bob MacDonald
Regulatory Agent for,
c/o Nolavent, Inc.
Scientific & Regulatory Consultants, Inc.
201 W Van Buren Street
Columbia City, IN 46725

Subject: Notification per PRN 98-10 – To revise the Product Labeling
Product Name: EnviroSystems Proshield 5000 D
EPA Registration Number: 53053-28
Received Date: November 12, 2021
Action Case Number: 00336458

Dear Mr. MacDonald:

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.

The alternate brand name EnviroSystems Bioshield 5000 C has been added to the product record.

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EPA Reg. No. 53053-28
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If you have any questions, you may contact Karen M. Leavy at (202)-566-0668 or via email at Leavy.Karen@epa.gov.

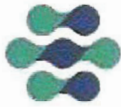
Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy Esq,". The signature is written in a cursive style with a large initial 'K' and a trailing 'Esq,'.

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

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:

04/05/2022



{Optional Logos}

EnviroSystems® ProShield® 5000 D
{Alternate Brand Name} [EnviroSystems® BioShield® 5000 C]

MICROBIOSTATIC AGENT*

A Silicone Quaternary Ammonium Salt

KEEP OUT OF REACH OF CHILDREN

WARNING

[See [side] [back] panels for additional precautionary statements]

Active Ingredient: Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride	5.00%
Other Ingredients:	95.00%
Total Ingredients:	100.00%

EPA Reg. No. 53053-28
EPA Est. No. 53053-NC-01

Net Contents: 32 fluid oz.; 1, 5, 30, 55, 275 gal.

Lot No.

* A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria and fungi (mold and mildew), bacteria and fungi (mold and mildew) which cause staining and discoloration, and algae. This product does not protect users or others against food-borne or disease-causing bacteria or fungi.

Manufactured by
Novalent, Ltd.
2319 Joe Brown Drive
Greensboro, NC 27405
(336) 375-7555

{Notes:
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FIRST AID
Have the product container or label with you when calling the 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 the first 5 minutes, and 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 an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Call 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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin and avoid breathing vapors or spray mist. Wear protective eyewear (goggles, face shield or safety glasses) and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using the toilet. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and Industrial uses: 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.

[Homeowner use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.]

De-activation required during clean up if a spill occurs. De-activation of [EnviroSystems® ProShield® 5000 D] [*this product*] can be achieved by the addition of anionic surfactant (such as

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soap, sulfonates, sulfates) in quantity equivalent to that of [EnviroSystems® ProShield® 5000 D] *[this product]*.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal:

{Residential use} Wastes resulting from the use of this product may be disposed on site.

{Commercial/industrial use} Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

Container Handling:

{Residential use} Securely wrap original container in several layers of newspaper and discard in trash.

{Commercial/industrial use} Nonrefillable container. Do not reuse or refill this container, Triple rinse container (or equivalent) promptly after emptying

{Insert applicable triple rinse instructions for container size below}

{5 gal or less}

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 ¼ 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.

{More than 5 gal}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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.

Then offer for recycling if available, or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

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DIRECTIONS FOR USE

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

Wear protective eyewear (goggles or face shield), gloves, and protective clothing 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.

Commercial and Industrial Locations

Use EnviroSystems® BioShield® 5000 D [this product] in/on the locations listed below.

Homes	Bathrooms
	Shower and bath areas
Restaurants	
Convenience stores	Institutions
	Universities
Clinics	Colleges
Dental Offices	Churches
Health Care Facilities	Schools
Hospitals	
	Salons
Medical Offices	Barber shops
Nursing Homes	
	Nurseries
Camp grounds	Day Care Centers
Playground areas	
	Farms
Animal laboratories	Hog Farms
Animal Clinics	Kennels
Pet Animal quarters	Mushroom Farms
Pet shops	Poultry Farms
Zoos	Dairy Farms
	Turkey Farms
Athletic Facilities	
Exercise facilities	Prisons
Locker Rooms	Correctional Facilities
Airplanes	Public rest rooms
Ambulances	Public Facility
Boats	
Buses	Businesses and office buildings
Campers	Dressing rooms
Cars	Transportation terminals
Emergency vehicles	Factories
Mobile Homes	Hotels
Ships	Motels
Taxis	Airports
Trailers	

{Notes:

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The active ingredient in EnviroSystems® ProShield® 5000 D is effective against odor causing bacteria and fungi (mold and mildew), bacteria and fungi (mold and mildew) which cause staining and discoloration, and algae as a static agent. [EnviroSystems® ProShield® 5000 D] [This product] can be used as a final bacteriostatic finish [on [the following] items] to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- HVAC, air filters and ductwork (Flexible ductwork; bendable durable plastic and rigid ductwork; sheet metal, fiberglass ductboard, and fiberboard)
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- EnviroSystems® ProShield® 5000 D can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include: latex indoor/outdoor paints and stains, woodstains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline, amino resins, textile coatings for non-food contact surfaces, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;
- Polyurethane and cellulose foam for household, industrial, and institutional mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened non-food contact towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails and ropes
- Athletic and casual shoes

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- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling (non-food contact) made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, exterior surfaces of appliances, non-food contact counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

Prepare solutions by simply adding [EnviroSystems® ProShield® 5000 D] *[this product]* to solvent and stirring. Dilute [EnviroSystems® ProShield® 5000 D] *[this product]* by adding 0.2 to 2 fluid ounces of [EnviroSystems® ProShield® 5000 D] *[this product]* per cup (3.2 to 32 fluid ounces of [EnviroSystems® ProShield® 5000 D] *[this product]* per gallon) of water or other solvents (for example, alcohol and ketones) and then apply to organic or inorganic substrates by brushing, dipping, soaking, or spraying techniques to give a final treatment of 0.1 to 1 percent by weight active ingredient.

Dry substrates 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. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply [EnviroSystems® ProShield® 5000 D] *[this product]* every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

EnviroSystems® ProShield® 5000 D when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces EnviroSystems® ProShield® 5000 D per cubic feet of concrete. Add to water before addition of concrete. Addition of EnviroSystems® ProShield® 5000 D reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

EnviroSystems® ProShield® 5000 D when used as an additive for paints and coatings is added directly during preparation of the paint and coating. Use 5 pounds of EnviroSystems® ProShield® 5000 D per 100 pounds of paint or coating (or 1 pound EnviroSystems® ProShield® 5000 D per 20 pounds paint/coating). The addition of the antimicrobial agent (EnviroSystems® ProShield® 5000 D) to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. EnviroSystems® ProShield® 5000 D inhibits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

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For Pump Spray Application: Dilute 8 ounces of EnviroSystems® ProShield® 5000 D per gallon of water (2 oz. per quart; 1 oz. per pint). Using pump sprayer, spray entire area 4" - 6" 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 color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. EnviroSystems® ProShield® 5000 D treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more EnviroSystems® ProShield® 5000 D may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, electrostatic sprayers, pressure sprayers) dilute 8 ounces of EnviroSystems® ProShield® 5000 D per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. 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. EnviroSystems® ProShield® 5000 D treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more EnviroSystems® ProShield® 5000 D may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough EnviroSystems® ProShield® 5000 D solution to completely submerge item. Dilute 8 ounces of EnviroSystems® ProShield® 5000 D per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. 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 example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

{Notes:

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Homeowner Applications {ALL Applications Under this Section are Optional}

The active ingredient in EnviroSystems® ProShield® 5000 D is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. EnviroSystems® ProShield® 5000 D can be used as a final bacteriostatic finish [on [the following] items] to impart bacteriostatic/fungistatic (mold and mildew) activity.

[Bedsheets], [blankets], [bedspreads], [curtains], [draperies (washable only)], [underwear], [socks], [intimate apparel], [hosiery], [throw rugs], [toweling], [toilet tank covers], [shower curtains], [shoe insoles], [outerwear apparel] ([Jackets], [sweaters], [sweatshirts], [coats], [raincoats], [overcoats], [jerseys], [ponchos]). EnviroSystems® ProShield® 5000 D can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool.

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application:

DIP/SOAK: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough EnviroSystems® ProShield® 5000 D to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking.

Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F), (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered.

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 staining and color-fastness of fabric by treating and drying a small, concealed area prior to application. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Air filters and air filter material for furnaces, air conditioners, air purification systems, automobiles, recirculating air handling systems, vacuum cleaner filters and aquariums.

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) and algae.

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered.

Apply and then let stand until dry. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew

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stains and algae stains return.

Carpeting

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the dilute EnviroSystems® ProShield® 5000 D solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small, concealed area prior to application.

One gallon of diluted EnviroSystems® ProShield® 5000 D treats approximately 1000 to 2000 square feet. When treating coarser substrates (e.g. wool carpeting), more EnviroSystems® ProShield® 5000 D may be required due to absorption.

Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated areas until completely dried. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.

Mattress pad and mattress, ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool.

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Clean surfaces prior to application. Using a trigger pump sprayer, spray the entire surface area 4" – 6" 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 a cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small, concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.

Tents, tarpaulins, sails, ropes

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) and algae.

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Clean surface prior to application. Using a trigger pump sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered.

Let stand until dry or let stand 3 minutes and wipe dry with a cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small, concealed area prior to application. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.

{Notes:

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DIP/SOAK: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough EnviroSystems® ProShield® 5000 D to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking.

Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F), (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior wall (such as stone, concrete, brick)

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) and algae.

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered.

After applying the dilute solution of EnviroSystems® ProShield® 5000 D, let stand until dry. One gallon of diluted EnviroSystems® ProShield® 5000 D treats approximately 1000 to 2000 square feet.

If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains and algae return.

Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered.

Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with cloth or sponge. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.

Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper, floors, window sills, cabinets, garbage cans, appliances, refrigerators, fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl.

Pest controlled: Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Dilution Rate: 8 oz./gallon, 2oz./quart, 1oz./pint

Method of Application

SPRAY: Dilute EnviroSystems® ProShield® 5000 D in water, mix well per dilution rate. Using a trigger pump sprayer, spray the entire surface area 4" – 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with a cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply EnviroSystems® ProShield® 5000 D every three months or when odor, staining and discoloration

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due to bacteria, mold stains and mildew stains return.

Optional Marketing Statements / Claims

Imparts microbiostatic properties.

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR EnviroSystems® ProShield® 5000 D is an antimicrobial agent effective against odor causing bacteria.

EnviroSystems® ProShield® 5000 D is an antimicrobial agent effective against bacteria which cause staining and discoloration.

EnviroSystems® ProShield® 5000 D is an antimicrobial agent effective against fungi (mold and mildew).

EnviroSystems® ProShield® 5000 D is an antimicrobial agent that inhibits mildew.

EnviroSystems® ProShield® 5000 D, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

EnviroSystems® ProShield® 5000 D is bacteriostatic, fungistatic (mold and mildew), algaestatic.

EnviroSystems® ProShield® 5000 D, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

EnviroSystems® ProShield® 5000 D, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and non-food contact kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous non-food contact washable surfaces made of fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

{Notes:

[Bracketed Text] is optional text.

{Bracketed Text} is for administrative purposes only and will not appear on the marketplace label. }

Provides/creates an invisible barrier to inhibit the growth of algae.
Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae.
Mold Free for up to 3 months
3 months
Protection for indoor and outdoor use
Creates an invisible barrier to inhibit the growth of mold to keep indoor and outdoor surfaces mold free for up to 3 months.
Reapply this product every 3 months to replenish barrier from mold and mildew.
Waterproof
Odor free.

Note: Any claims for paint use must be for the preservative of the paint in the can.
EnviroSystems® ProShield® 5000 D is to be used as an in can preservative for paints to control the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew) and algae.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE SAFETY DATA SHEET (SDS). THE SDS CAN BE OBTAINED BY [WRITING/CONTACTING]:

Novalent, Ltd.
2319 Joe Brown Drive
Greensboro, NC 27405
(336) 375-7555

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

Novalent, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin 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 bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

NOVALENT, LTD. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

[U.S. Patent Numbers: 9624384 and 10010080]



{Optional Logo}

{Optional Distributor/
Company Logos/Graphics,
may be included in the
distributor labeling }

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