

53053-8

9/18/2008

1/16



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 53053-8

Date of Issuance: SEP 18 2008

Term of Issuance:

Conditional

Name of Pesticide Product:

EnviroSystems ProShield 5000D

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Indusco, LTD
2319 Joe Brown Dr.
Greensboro, NC 27405

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/re-registered 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 change listed below before you release the product for shipment:

Revise the EPA Registration Number to read, "EPA Reg. No. 53053-8"

Signature of Approving Official:

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

Date:

SEP 18 2008

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE, and multiple empty columns for CONCURRENCES. Values include 7510P, J. Jones, and 9/17/08.

2/16

2
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Page 2
EPA Reg. No. 53053-8

3. Revise the "microbiostatic agent" statement on page one to indicate that the fungi claim refers to non-public health organisms as follows. Revise to state: "An 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.*"

4. Revise your Precautionary Statements on page three to be in agreement with the Label Review Manual as follows. Revise to include: "...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*). Wash thoroughly with soap and water after handling *and before eating drinking, chewing gum or using the toilet*. Remove contaminated..."

5. Revise the De-activation statement on page three to be in agreement with PR Notice 2000-5 which requires mandatory language as follows: "*De-activation required during clean up if a spill...*"

6. Revise the section immediately following the "Approved Commercial and Industrial Applications" heading on page four and the "Approved commercial application in homes, offices, automobiles, and *the following* institutions: schools, hospitals, daycare centers, churches, correctional facilities" section on page six to indicate that the fungi claim refers to non-public health organisms as follows. Revise to state: "The active ingredient in Environsystem ProShield 5000D 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.*"

7. As per the Reregistration Eligibility Decision for Trimethoxysilyl Quaternary Ammonium Chloride Compounds issued September 2007, make the following revisions to your labeling:

A. Delete the application by fogging from the directions for use on page four.

B. Delete Polyurethane and cellulose foam for household, industrial and institutional sponges on pages five, seven and eleven. The product may not be used on sponges as this active ingredient has not been cleared for use on food contact surfaces. Revise this statement as follows: "*Polyurethane and cellulose foam for household, industrial and institutional mops.*"

8. Revise the Approved commercial applications statement on page six to read exactly as follows: "Approved commercial application in homes, offices, automobiles, and *the following* institutions: schools, hospitals, daycare centers, churches, correctional facilities."

CONCURRENCES

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Page 3
EPA Reg. No. 53053-8

9. Revise the statements on page twelve to indicate that the fungi claim is for fungi that causes odors, staining and discoloration. Revise the twelfth statement as follows: "Use on carpet and upholstery to inhibit odor causing bacteria and fungi (mold and mildew), bacteria and fungi (mold and mildew) which cause staining and discoloration." Revise the third statement to read as follows: "Envirosystems ProShield 5000 D is an antimicrobial agent effective against odor causing fungi (mold and mildew), and fungi (mold and mildew) which cause staining and discoloration." Revise statements 16, 17, 20, 22, 23, 27, 29, 32, and 34 in the same manner to indicate that the product is only effective against fungi that causes odors, staining and discoloration.

10. Revise page one to include the following statement: "Do not use in any application involving direct or indirect food or drinking water contact."

11. Should you wish to retain a reference to the company's website on your label, then please be aware that such a reference transforms the website into labeling under the Federal Insecticide Fungicide and Rodenticide Act sec 2 (p) (2) and then the website is subject to review by the Agency. If the website content is false or misleading, the product would be misbranded and its sale or distribution unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 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. Although EPA has not yet determined the extent to which it will routinely review company websites, if the Agency finds or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from claims approved through the registration process, the website may be referred to the EPA's Office of Enforcement and Compliance Assurance.

12. Submit a final, executed licensing or sales agreement regarding the sale of a registered product to Indusco prior to the distribution or sale of Envirosystems ProShield 5000D, EPA Reg. No. 53053-8.

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. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,


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

CONCURRENCES							
SYMBOL	Enclosure: (Stamped Label)						
SURNAME	7510P:T.Lantz:9/15/08:53053-8						
DATE							

4/16

EPA Reg. No. 53053-X
06/09/2008
Page 1 of 1

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 18 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 53053-8

ENVIROSYSTEMS® PROSHIELD™ 5000 D
MICROBIOSTATIC AGENT*

A Silicone Quaternary Ammonium Salt

KEEP OUT OF REACH OF CHILDREN

WARNING

Active Ingredient: 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride.....	5.0%
Other Ingredients:	95.0%
Total Ingredients:	100.0%

EPA Reg. No. 53053-X

EPA Est. No. XXXXX

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

Lot No.

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

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:

- 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 poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call poison control center or doctor for further treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

IF SWALLOWED:

- 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. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles and face shield). Wash thoroughly with soap and water after handling. 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.

De-activation ~~is~~ required during clean up if a spill occurs. De-activation of ENVIROSYSTEMS PROSHIELD 5000 D can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of ENVIROSYSTEMS PROSHIELD 5000 D.

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.

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: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. [For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site."]

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. [For homeowner use the statement will read: Container Disposal: "Securely wrap original container in several layers of newspaper and discard in trash."]

DIRECTIONS FOR USE
Approved commercial and industrial applications

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) and 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.

Prepare solutions by simply adding ENVIROSYSTEMS PROSHIELD 5000 D to solvent and stirring. Dilute ENVIROSYSTEMS PROSHIELD 5000 D by adding 0.2 to 2 fluid ounces of AM 5000 per cup (3.2 to 32 fluid ounces of ENVIROSYSTEMS PROSHIELD 5000 D per gallon) of water or other solvents (for example, alcohol and ketones) and then apply to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, ~~rolling~~ or by using foam finishing 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 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.

Approved commercial and industrial applications

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.

- 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
- Fiberglass ductboard
- 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, 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 ~~cleaning~~ 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 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
- 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 made of 100 percent cotton, 100 percent polyester, 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, appliances, dishes, counter tops; the wiping cloths do not impart pesticidal properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE**Approved commercial applications used in homes, offices, automobiles and institutions ~~e.g.~~, schools, hospitals, daycare centers, churches, correctional facilities**

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) and 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.

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, 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.

Approved commercial applications in homes, offices, automobiles and institutions ~~e.g.~~, schools, hospitals, daycare centers, banks, churches, correctional facilities

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.

- 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
- 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
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional ~~carpets and~~ 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
- 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
- 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 made of 100 percent cotton, 100 percent polyester, 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, appliances, dishes, counter tops; the wiping cloths do not impart pesticidal properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE
For homeowner applications

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) and 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.

Approved homeowner uses

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.

	Pest controlled	Dilution Rate	Method of Application
<p>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.</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>8 oz./gallon 2 oz./quart 1 oz./pint</p>	<p>DIP/SOAK: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid 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). 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.</p>
			<p>SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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 AM 5000 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.</p>

	Pest controlled	Dilution Rate	Method of Application
Air filters and air filter material for <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. When treating filters, removed filter from the unit. Using a tripper 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 stains and algae stains return.
	Pest controlled	Dilution Rate	Method of Application
Carpeting	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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 diluted 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 for staining and color-fastness of 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 (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.
	Pest controlled	Dilution Rate	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester,	Odor causing bacteria, bacteria which cause staining and	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer, spray the entire surface area 4" – 6" from the surface

<p>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.</p>	<p>discoloration, and fungi (mold and mildew)</p>		<p>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 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.</p>
	<p>Pest controlled</p>	<p>Dilution Rate</p>	<p>Method of Application</p>
<p>Tents, tarpaulins, sails, ropes</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae.</p>	<p>8 oz./gallon 2 oz./quart 1 oz./pint</p>	<p>SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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 for 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, mildew stains and algae stains return.</p>
			<p>DIP/SOAK: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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. Keep item in solution for three 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</p>

			PROSHIELD 5000 D every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Dilution Rate	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior wall (such as stone, concrete, brick)	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) and algae.	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. Make sure the roof or wall is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of ENVIROSYSTEMS PROSHIELD 5000 D, let stand until dry. ENVIROSYSTEMS PROSHIELD 5000 D treats approximately 200 square feet of roofing or wall per diluted gallon of water. 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 stains return.
	Pest controlled	Dilution Rate	Method of Application
Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household sponges mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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. 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.
	Pest controlled	Dilution Rate	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl.	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./gallon 2 oz./quart 1 oz./pint	SPRAY: Dilute ENVIROSYSTEMS PROSHIELD 5000 D in water; mix well. 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 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 due to bacteria, mold stains, and mildew stains return.

15/16

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 effective against algae.

ENVIROSYSTEMS PROSHIELD 5000 D, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

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 kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous 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).

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.

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.

16/16

EPA Reg. No. 53053-X

06/09/2008

Page 13 of 13

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING:

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www.induscoltd.com

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

Indusco 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.

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