

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

BioShield Technologies, Inc.
4405 International Boulevard, Suite B-109
Norcross, GA 30093

JAN 17 2001

ATTENTION: Frederick T. Smith
Agent for BioShield

SUBJECT: BST Protectant RTU 50
EPA Registration Number: 70871-4
Your Amendment Dated: October 24, 2000
EPA Received Date: October 24, 2000

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

A. Revise the heading for the "Directions for Use" section on page two to read "Approved commercial and industrial applications".

B. Revise the heading for the "Directions for Use" section on page four to read "Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities".

C. Your label must list the sites associated with the directions for use for "Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities". Thus revise your label to include the following language:

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

SYMBOL	7510C						
SURNAME	J. Smith						
DATE	1/17/01						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

The active ingredient in BST Protectant Concentrate C15 is effective against odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew) and algae as a static agent.

BST Protectant Concentrate C15 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic 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

Fiberfill for upholstery, sleeping bags, apparel, where 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 foam for household, industrial, and institutional sponges 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% cotton, 100% 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, and wool

Vacuum cleaner bags and filters

Vinyl paper-wallpaper for non-food contact surfaces

Disposable wiping clothes that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping clothes do not impart pesticide properties

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Women's hosiery
Women's intimate apparel

D. Add the following statement to page seven in the directions to treat tents, tarpaulins, sails, and ropes by the dip/soak method: "Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application."

E. Delete the final "Container Disposal" statement: "Securely wrap in original container in several layers of newspaper and discard in trash." as this language is a duplicate of previous language in this section.

2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records. Should you have any questions concerning this letter please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped Label
7510C:T.Lantz:1/17/01:70871-4a

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

BST Protectant RTU 50

MICROBIOSTATIC AGENT*

Active Ingredient:	3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride.....	0.5%
Other Ingredients:	99.5%
TOTAL		
INGREDIENTS:	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 17 2001

Lot No. _____

EPA Reg. No. 70871-4

EPA EST. xxxxx-GA-xx

NET CONTENTS: 2, 4, 8, 16, 20, 22, 32 or 36 fluid oz.; 0.5, 1, 5, 55, 150, or 300 gal

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 70871-4

FIRST AID

IF ON SKIN:

- 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 INHALED:

- 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 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 SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

*A 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.

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MASTER LABEL FOR BST PROTECTANT RTU 50

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with eyes and skin. 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 may be required during clean up if a spill occurs. De-activation of BST Protectant RTU 50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of BST Protectant RTU 50.

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

DIRECTIONS FOR USE

For 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.

BST Protectant RTU 50 can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques.

The substrate can be dried 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

BST Protectant RTU 50 when used as a concrete additive is added directly during concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of BST Protectant RTU 50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

ACCEPTED PAGE 2
with COMMENTS
in EPA Letter Dated:
JAN 17 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, for the pesticide,
registered under EPA Reg. No.
70871-4

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Approved commercial and industrial applications

The active ingredient in BST Protectant RTU 50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BST Protectant RTU 50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic 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
- 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
- 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)
- Polyurethane foam for household, industrial, and institutional sponges 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
- 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, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

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- 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 pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

**For commercial applications 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: 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. One gallon of BST Protectant RTU 50 treats approximately 200 square feet. When treating coarser substrates, more BST Protectant RTU 50 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) 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. One gallon of BST Protectant RTU 50 treats approximately 200 square feet. When treating coarser substrates, more BST Protectant RTU 50 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 BST Protectant RTU 50 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 example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacterial, mold, mildew stains, and algae stains return.

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Under the Federal Insecticide,
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DIRECTIONS FOR USE
For residential 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 residential uses

The active ingredient in BST Protectant RTU 50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	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). BST Protectant RTU 50 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>ACCEPTED with COMMENTS in EPA Letter Dated: JAN 17 2001</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 70871-4</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BST Protectant RTU 50 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: 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</p>

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		BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	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	SPRAY: 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting <p style="text-align: center;">ACCEPTED with COMMENTS in EPA Letter Dated: JAN 17 2001</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 70871-4</p>	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: 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 BST Protectant RTU 50 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. BST Protectant RTU 50 treats approximately 200 square feet per gallon. When treating coarser substrates (e.g., wool carpeting), more BST Protectant RTU 50 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 area until completely dried. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins,	Odor causing bacteria, bacteria which cause	SPRAY: 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

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<p>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>staining and discoloration, and fungi (mold and mildew)</p>	<p>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. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.</p>
	<p>Pest controlled</p>	<p>Method of Application</p>
<p>Tents, tarpaulins, sails, ropes</p> <p style="text-align: center;">ACCEPTED with COMMENTS in EPA Letter Dated: JAN 17 2001</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 70891-4</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae</p>	<p>SPRAY: 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BST Protectant RTU 50 to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	<p>Pest controlled</p>	<p>Method of Application</p>
<p>Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)</p>	<p>Odor causing bacteria, bacteria which cause</p>	<p>SPRAY: Make sure the roof 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 BST Protectant RTU 50, let stand</p>

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	staining and discoloration, fungi (mold and mildew), and algae	until dry. BST Protectant RTU 50 treats approximately 200 square feet of roofing per gallon. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), Polyurethane for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	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)	SPRAY: 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 BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

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in EPA Letter Dated:
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Under the Federal Insecticide,
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registered under EPA Reg. No. 70871-4

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.

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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.

Mold, mildew, odor protector and inhibitor.

BST Protectant RTU 50 is an antimicrobial agent effective against odor causing bacteria.

BST Protectant RTU 50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

BST Protectant RTU 50 is an antimicrobial agent effective against fungi (mold and mildew).

BST Protectant RTU 50 is an antimicrobial agent effective against algae.

BST Protectant RTU 50, 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.

BST Protectant RTU 50, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

BST Protectant RTU 50, 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 like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

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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. **[residential use]**
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[commercial/industrial use]**

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash. **[residential use]**
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. **[commercial/industrial use]**

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., 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.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY

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