

84146-1

7/16/2010

1 of 8



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 16 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Bio-Gate, AG
Fahrenheitstrasse 11
German 28359 Germany

AGENT: Technology Sciences Group, Inc.
1150 18th Street, NW
Suite 1000
Washington, DC 20036

Attention: Erin M. Tesch

Subject: MicroSilver BG-R
EPA Registration No: 84146-1
Notification Dated April 21, 2010

This will acknowledge receipt of your notification for the following additional alternate brand names, submitted under the provisions of FIFRA Section 3©(9). Based on a review of the submitted material, the following comments apply.

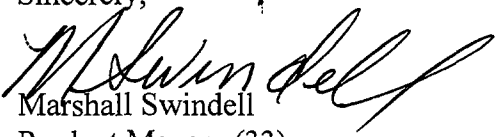
ADDITIONAL BRAND NAME

MicroSilver BG-Tec

General Comments

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please feel free to contact Zebora Johnson at (703) 308-7080.

Sincerely,

Marshall Swindell
Product Manger (33)
Regulatory Management Branch 1
Antimicrobial's Division (7501P)

2078

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 84146-1	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MicroSilver BG-R	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Bio-Gate AG Fahrenheitstrasse 11 Bremen 28359 Germany <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 An alternate brand name, "MicroSilver BG-Tec", has been added to the master label per PR Notice 98-10. Please confirm with Erin Tesch: etesch@tsgusa.com or via fax (202) 872-0745.
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formulation for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10, 300, 500, and 2000 g		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Erin M. Tesch, Technology Sciences Group, Inc.		Title Regulatory Consultant		Telephone No. (Include Area Code) (202) 828-8966	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Consultant to Bio-Gate AG			
4. Typed Name Erin M. Tesch		5. Date 4/21/10			

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WASHINGTON

1150 18th Street, N.W.
Suite 1000
Washington, D.C. 20036
Telephone 202 223-4392
Fax 202 872-0745

April 21, 2010

Mr. Marshall Swindell
Office of Pesticide Programs
Antimicrobial Division (7504P)
Office of Pesticide Products
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

SACRAMENTO

712 Fifth Street
Suite A
Davis, CA 95616
Telephone 530 757-1298
Fax 530 757-1299

**RE: MicroSilver BG-R
(EPA Reg. No. 84146-1)
Notification for Label Changes per PR Notice 98-10**

Dear Mr. Swindell:

Technology Sciences Group Inc., on behalf of Bio-Gate AG, is submitting the enclosed notification to add an alternate brand name, "MicroSilver BG-Tec", to the master label. The enclosed label includes the change identified above.

You will find the following included with this submission:

- 1) EPA Application Form;
- 2) One redline version of the revised label;
- 3) Three clean copies of the revised label; and
- 4) Letter authorizing TSG to act on behalf of Bio-Gate AG.

CANADA

275 Slater Street
Suite 900
Ottawa, Ontario
K1P 5H9
Telephone 613 247-6285
Fax 613 236-3754

Please do not hesitate to contact me directly with any questions and/ or concerns at (202) 828-8966 or via e-mail: etesch@tsgusa.com.

Sincerely,

Erin M. Tesch MEGHAN EVEN
for

Erin M. Tesch
Regulatory Agent for Bio-Gate AG

4098

MicroSilver BG-Tec

For Use in the Manufacture of Commercial and Consumer Products to Impart Antimicrobial Properties

MicroSilver BG-Tec is an antimicrobial additive that safely and effectively inhibits the growth of stain and odor causing bacteria, mold, and mildew on the product in which it is added or applied.

Active Ingredient:

Silver.....100%

TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA REG. No. 84146-1
EPA EST. No. 084146-DEU-001

Manufactured by Bio-Gate AG
Fahrenheitstrasse 11
28359 Bremen
GERMANY

SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS

Please refer to the Technical Bulletin for information concerning uses.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with its labeling. MicroSilver BG-Tec is a bacteriostatic agent for processing or manufacturing use only. Formulators are responsible for obtaining registrations for their own end use products.

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PRECAUTIONARY STATEMENTS CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled, or absorbed through the skin. May cause eye irritation. Prolonged skin contact may cause skin irritation and/or dermatitis. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID	
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 applicable, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything to an unconscious person.
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 treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminate clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<ul style="list-style-type: none"> • HOT LINE NUMBER: 1-800-873-1138 	
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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.

STORAGE AND DISPOSAL

Storage	Keep tightly closed in a dry, cool and well-ventilated place. Avoid dust formation - - Dust may form explosive mixture in air. Keep container closed to prevent contact with moist air. Do not store in area where food or feed may come in contact with the product. Keep away from direct sunlight.
Disposal	<p><u>Pesticide Disposal:</u> Unused material should be disposed of in accordance with federal, state and local environmental control regulations.</p> <p><u>Container Disposal:</u> Emptied container retains product residue. Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities</p>

MicroSilver BG-Tec

For Use in the Manufacture of Commercial and
Consumer Products to Impart Antimicrobial Properties

TECHNICAL BULLETIN

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

MicroSilver BG-Tec is intended for use in the manufacture of the products listed below to impart antimicrobial properties. MicroSilver BG-Tec inhibits the growth of stain and odor causing bacteria, mold, and mildew on the product to which it is applied. Products containing MicroSilver BG-Tec may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria, mold, and mildew.

This product is not approved for any food contact or food packaging uses. This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water.

MAXIMUM CONCENTRATION: MicroSilver BG-Tec may be incorporated into the types of products listed below at maximum concentration of no more than one (1) percent on a weight basis of the finished products.

1). Ceramics, ceramic glazes, porcelain enamels, and other glasses.

Specific materials: vitreous china, ceramics, glazes, earthenware, stoneware, dental glasses, borosilicate glasses, lead glasses, soda lime glasses, special glasses, porcelains, porcelain enamels, clays, concretes, and grouts.

Applications: Applications include toilets, sinks, urinals, bidets, lavatories, bathtubs, tile, flooring, windows, shower doors, shower walls, shower trays, bath and kitchen accessories, countertops, handles and knobs.

This product may not be used for any applications involving food contact,
food packaging, or storage of human drinking water.

2). Plastics and plastic composite materials.

Specific materials: Resins including alkyds, amino resins, (melamine formaldehyde and urea formaldehyde), polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethyl-pentene (PMP), polysiloxane, polyvinyl alcohol, (PVOH), polyvinyl acetate (PVA), ethylene vinyl acetate (EVA), polyethylene copolymer, polyvinyl chloride (PVC), epoxies, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymer (ASA), acetals, polyketones, polyphelylene, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymer and fluoropolymers, amino resins, thermoplastic elastomer, rubber (including styrene, butadiene, common acrylonitrile rubber, CR) polyacetal (polyoxymethyleneP, and blends and copolymers thereof.

Applications include toilet seats, toilets, sinks, urinals, bidets, lavatories, bathtubs, spas, tile, flooring, shower doors, shower walls, shower trays, bath and kitchen accessories, plumbing supplies and fixtures, countertops, handles, knobs, automobile parts, shower curtains, mats, protective covers, waste containers, general purpose containers, shower heads, mops, brooms, tapes, packaging, gaskets, pipes, tubing, pipe fittings, whirlpool tub and spa components, structural reinforcement composites (e.g., fiber reinforced resin backings), furniture, HVAC parts and equipment, window blinds, tools, keyboards, personal grooming equipment, footwear including boots, sports equipment, telephones, and computer equipment.

This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water.

3) Fibers.

Specific materials: Resins including polyester ("Dacron" PET, and PTT), acetate, polyolefins, polyamides (Nylon), polypropylene (PP), polyethylene (PE), acrylics, viscose, polyurethane, "Rayon", polyvinyl alcohol (PVOH), polyvinyl chloride (PVC), polyvinylidene chloride, polysaccharides, and blends and copolymers thereof.

Applications include fabrics for household applications, components of aircraft interiors, home furnishings, automotive fabrics, and apparel.

This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water.

4) Coatings

Types of coatings: All application methods including water borne, nonaqueous solvent borne, 100% solids, physical vapor deposition, radiation cure, thermal cure, liquid, slurry, and powder coatings.

Specific materials: Resins including alkyds, amino resins, (melamine formaldehyde and urea formaldehyde), polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol, (PVOH), polyvinyl acetate (PVA), ethylene vinyl acetate (EVA), polyethylene copolymer, polyvinyl chloride (PVC), epoxies, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymer (ASA), acetals, polyketones, polyphenylene, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymer and fluoropolymers, amino resins, thermoplastic elastomer, rubber (including styrene, butadiene, common acrylonitrile rubber, CR) polyacetal (polyoxymethyleneP, and blends and copolymers thereof.

Applications include toilet seats, toilets, sinks, urinals, bidets, lavatories, bathtubs, spas, tile, interior paint, flooring, shower doors, shower walls, shower trays, bath and kitchen accessories, plumbing supplies and fixtures, countertops, handles, knobs, automobile parts, shower curtains, mats, protective covers, waste containers, general purpose containers, shower heads, mops, brooms, tapes, packaging, gaskets, pipes, tubing, pipe fittings, whirlpool tub and spa components, structural reinforcement composites (e.g., fiber reinforced resin backings), furniture, HVAC parts and equipment, window blinds, tools, keyboards, personal grooming equipment, footwear including boots, sports equipment, telephones, and computer equipment.

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This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water.

5). Adhesives and Sealants.

Specific materials: Resins including alkyds, amino resins, (melamine formaldehyde and urea formaldehyde), polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol, (PVOH), polyvinyl acetate (PVA), ethylene vinyl acetate (EVA), polyethylene copolymer, polyvinyl chloride (PVC), epoxies, phenolic, polycarbonate, cellulose, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymer (ASA), acetals, polyketones, polyphethylene, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymer and fluoropolymers, amino resins, thermoplastic elastomer, rubber (including styrene, butadiene, common acrylonitrile rubber, CR) polyacetal (polyoxymethyleneP, and blends and copolymers thereof.

Applications include toilet seats, toilets, sinks, urinals, bidets, lavatories, bathtubs, spas, tile, flooring, shower doors, shower walls, shower trays, bath and kitchen accessories, plumbing supplies and fixtures, countertops, components of aircraft interiors, handles, knobs, automobile parts, shower curtains, mats, protective covers, waste containers, general purpose containers, shower heads, mops, brooms, tapes, packaging, gaskets, pipes, tubing, pipe fittings, whirlpool tub and spa components, structural reinforcement composites (e.g., fiber reinforced resin backings), furniture, HVAC parts and equipment, window blinds, tools, keyboards, personal grooming equipment, footwear including boots, sports equipment, telephones, and computer equipment.

This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water.