



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

88165-5

Date of Issuance:

11/16/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Agion Silver Antimicrobial Type AG

Name and Address of Registrant (include ZIP Code):

Jonathan Walsh
Regulatory Consultant, Technology Sciences Group Inc.
Agent for Sciscent LLC
100 Cumming Center, Suite 251-G
Beverly, MA 01915
Electronic Transmittal: jonathan.walsh@tsgconsulting.com

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Product Manager 33
Regulatory Management Branch II
Antimicrobials Division (7510M)

Date:

11/16/23

2. You are required to comply with the data requirements described in the DCI identified below:

a. Silver Ion: GDCI-072500-1832

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 88165-5.”

5. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated: 09/21/2023

If you have any questions, please contact Srinivas Gowda by phone at 202-565-0078 or via email at gowda.srinivas@epa.gov.

Enclosure: Final stamped label

Agion Silver Antimicrobial Type AG

A preservative and bacteriostatic agent for use in the manufacture of polymer, plastic and latex products.
For commercial and industrial use.

Active Ingredient:	
Silver ion	2.2 %
Other Ingredients	97.8 %
Total	100.0 %

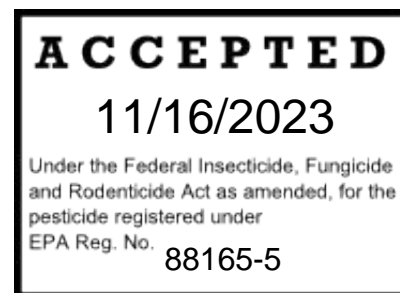
KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE INSERT LABEL FOR PRECAUTIONARY STATEMENTS

Manufactured by:
Sciessent LLC
100 Cumming Center, Suite 251-G
Beverly, MA 01915

EPA Registration No. 88165-TBD
EPA Establishment No. XXXXX-XX-XX

Net Wt. XXXX

Lot No. XXXXXXXXXX



Directions for Use

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

For all uses listed*:

*** Do not incorporate this product into any food contact polymer.**

*** This product may be used for the following human drinking water contact uses:**

Ice machine trays

Ice machine bins

Ice machine water hoses

Ice dispensers and other ice machine components

Water filter components and housing units

Water bottle dispensers and components

Water dispensers

Water bottles

Water storage vessels

*** This product may be incorporated into food and water bowls, dishes and other containers used by domestic animals. Do not use for any food or drinking water applications involving non-domestic animals.**

Do not use for any application involving direct or indirect contact with food, or food packaging.

Agion Silver Antimicrobial Type AG is an antimicrobial additive to be used by compounding into many polymeric materials. It is designed to be incorporated during and after the manufacturing process to impart antimicrobial activity to the manufactured products. Approved post manufactured product upgrade applications are detailed in the label section titled "Coatings for Upgrade Applications." Agion Silver Antimicrobial Type AG suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only. No finished product incorporating Agion Silver Antimicrobial Type AG may make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the finished product which permits such claims, and without a tolerance or exemption from the requirement of a tolerance. When incorporated into treated articles, this product does not protect users of any such treated article or others against food borne or disease-causing bacteria, viruses, germs or other disease-causing organisms.

Types of Finished Products

Plastics - including films, sheets, slabs, and molded plastic parts

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for bulk plastics. Contact Sciescent LLC to determine the appropriate amount of Agion Silver Antimicrobial Type AG for individual finished products.

Do not use for any application involving direct or indirect contact with food, or food packaging.

Non-food contact uses:

- Appliances and equipment (Excluding kitchen appliances)
- Brush bristles (including personal care grooming items, toothbrushes (claims allowed: odor, discoloration, staining), and cosmetic brushes (claims allowed: odor, discoloration, staining))
- Conveyor belts
- Countertops (Excluding Kitchen Countertops)
- Non-Food Contact Packaging
- Garbage bags and garbage cans
- Gaskets
- General purpose containers
- Liners
- Non-woven fabrics
- Plastic film
- Sinks
- Sponges
- Tiles
- Tubing

Do not use for any application involving direct or indirect contact with food, or food packaging.

Non-food contact uses only:

- Automobile parts
- Brush handles
- Cameras and imaging equipment
- Drain pan liners
- Electrical wiring devices and wall plates
- Flooring
- Floor coverings
- Footwear (including boots, sports equipment and tools)
- Insulation for wire and cable
 - Water blocking tape for domestic and industrial cable (power cable, optical fiber cable)
- Insulators
- Indoor and outdoor furniture
- Kitchen and bathroom hardware (External surfaces)
- Mats
- Mops
- Office equipment and supplies (including binders, filing and storage systems, pens, pencils, markers, printers, facsimile machines, desk accessories, computers, keyboards, mice, scanners, and printers)
- Personal care items (including grooming items toothbrushes (claims allowed: odor, discoloration, staining), sports and dental mouthguards (claims allowed: odor, discoloration, staining))
- Plumbing supplies and fixtures (including toilet bowl seats)
- Protective covers
- Shower curtains
- Siding for housing
- Spas, bathtubs, showers and filters and components thereof
- Sports, health and fitness equipment
- Tape
- Toys (claims allowed: odor, discoloration, staining, deterioration)
- Telephones, mobile devices, head phones, headsets and accessories
- Waste containers
- Vacuum cleaner bags

Fibers

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.03% for fibers. Contact Sciescent LLC to determine the appropriate amount of Agion Silver Antimicrobial Type AG for individual finished products.

Do not use for any application involving direct or indirect contact with food, or food packaging.

Non-food contact uses:

- Bags
- Brush bristles (including personal care grooming items, toothbrushes (claims allowed: odor, discoloration, staining), and cosmetic brushes (claims allowed: odor, discoloration, staining))
- Conveyor belts
- Clothing apparel (including uniforms, outerwear, gloves, aprons, coats and shoes)
- Filters
- Kitchen (non-food contact only), commercial and industrial wipes and fabrics
- Napkins, tablecloths and wiping cloths
- Packaging (including bags, sacks, wraps, cushion and absorbent materials, and containers)
- Sponges

Do not use for any application involving direct or indirect contact with food, or food packaging.

Non-food contact uses only:

- *Interior furnishings*
 - Blankets
 - Carpet and carpet underlay
 - Curtains
 - Cushion pads
 - Draperies
 - Fiberfill for quilts and pillows
 - Mattress cover pads and filling
 - Mops
 - Pillow covers
 - Rugs
 - Sheets
 - Sleeping bags
 - Upholstery
 - Towels
 - Wall covering fabrics
- *Transportation*
 - Automotive and truck upholstery
 - Carpeting
 - Convertible tops
 - Interior liners
 - Rear decks
 - Trunk liners
- *Industrial and Other Household Items*
 - Artificial leather
 - Awnings
 - Book covers
 - Cloth for sails
 - Drain pan liners
 - Filters
 - Mops
 - Ropes
 - Tents and other outdoor equipment
 - Tarps
- *Apparel*
 - Caps
 - Inner liners for jackets
 - Outerwear
 - Sportswear
 - Sleepwear
 - Stockings
 - Socks and hosiery
 - Trim for outerwear and garments
 - Umbrellas
 - Undergarments
- *Luggage*
 - Cosmetic bags
 - Duffel bags
 - Luggage
 - Laundry bags
 - Luggage Lining
 - Packing Organizers
 - Sports bags
 - Shoe bags
 - Sports bag accessories

Coatings, Films and Laminates

The additive may be incorporated into the coating, film or laminate applied to the finished product at up to 5.0% by weight, or at least 0.05% for paper or 0.1% for bulk plastics. Contact Sciescent LLC to determine the appropriate amount of Agion Silver Antimicrobial Type AG for individual finished products. Types of coatings include water-borne, solvent-borne, 100% solids, radiation cure, liquid and powder.

Do not use for any application involving direct or indirect contact with food, or food packaging.

Non-food contact uses:

- Building materials and components (including walls, hardware, floors, ceilings and components thereof for kitchen, commercial and industrial applications)
- Countertops (excluding Kitchen Countertops)
- Collection and storage equipment (including conveyor belts, piping systems, silos, tanks and process vessels)
- General purpose containers
- Natural and synthetic fibers and fabrics
- Packaging
- Paper products (including wipes and tissues)
- Sinks

Do not use for any application involving direct or indirect contact with food, or food packaging

Non-food contact uses only:

- Automotive and vehicular parts
- Barrier fabrics
- Concrete
- Floors
- Furniture
- Electrical wiring devices and wall plates
- Glazing for cement tile
- Glazing for vitreous china used in plumbing fixtures (including toilets, sinks, countertops)
- Heating, ventilation and air conditioning equipment and related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, and parts and components thereof)
- Spas, bathtubs, showers, and filters and components thereof
- Industrial equipment
- Non-Food Contact Packaging
- Paper products (including wall coverings, towels, book covers)
- Roofing
- Sports, health and fitness equipment
- Shingles
- Siding
- Walls
- Wallboard
- Luggage
 - Cosmetic bags
 - Duffel bags
 - Luggage
 - Laundry bags
 - Luggage Lining
 - Packing Organizers
 - Sports bags
 - Shoe bags
 - Sports bag accessories

Coatings for Upgrade Applications

Upgrade Applications are defined as the incorporation of Agion Silver Antimicrobial Type AG into polymeric coatings that are applied to articles onsite (after the article has been manufactured and is in the place of use). Coatings may be used on articles that have not previously incorporated the antimicrobial compound. Agion Silver Antimicrobial Type AG may be incorporated into the finished coating at up to 5.0% by weight, or at least 0.1% of the coating. Types of coatings include waterborne coatings/adhesives, solvent borne coatings and two-part reactive coatings consisting of a resin and curing agent. Upgrade Applications are for onsite application at Commercial, Industrial or Institutional Establishments. Unless otherwise specified, the coating is applied to the entire article. Contact Sciescent LLC to determine the appropriate application technique and amount of Agion Silver Antimicrobial Type AG for individual products.

Non-food contact articles:

- Building materials and components (including walls, ceilings and floors consisting of concrete, gypsum board, and cellulose ceiling tile)

Incorporate this product into coatings that are intended for application to the surface of articles. The purpose of the coating is to seal the article from moisture and corrosion. The purpose of Agion Silver Antimicrobial Type AG in the coating is to inhibit the growth of mold, mildew, fungus and bacteria that cause odor, discoloration, staining, deterioration or corrosion on the surface of the coating film. The product protects the applied coating itself from microorganism attack, not the underlying substrate. This product is not intended for remediation, prevention or control of existing or anticipated public health related microorganisms.

HVAC articles:

Heating, ventilation and air conditioning systems and related materials including air handlers, drain pans, heat exchangers, distribution lines, flexible ductwork, diffusers, and insulation lined porous ductwork.

Incorporate this product into coatings that are intended for application to HVAC systems. The purpose of the coating is to seal the HVAC system from moisture and corrosion. The purpose of Agion Silver Antimicrobial Type AG in the coating is to inhibit the growth of mold, mildew, fungus and bacteria that cause odor, discoloration, staining, deterioration or corrosion on the surface of the coating film. The product protects the applied coating itself from microorganism attack, not the underlying substrate. This product is not intended for remediation, prevention or control of existing or anticipated public health related microorganisms.

Adhesives and Sealants

The additive may be incorporated into the finished product at up to 5.0% by weight, or at least 0.05% for paper or 0.1% for bulk plastics. Contact Sciescent LLC to determine the appropriate amount of Agion Silver Antimicrobial Type AG for individual finished products.

Non-food contact uses:

- Grout and joint compound for; countertops, building materials and components, and food and beverage related equipment
- Pipe sealants and insulating materials
- Plumbing adhesives

Do not use for any application involving direct or indirect contact with food, or food packaging

Non-food contact uses only:

- Adhesives used in the manufacture of wood and plastic composites
- Adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic
- Adhesives, sealants and insulating materials for; appliances, bathrooms, showers, kitchens and construction
- Glazing for windows
- Grout
- Sealants for pipes

Hygiene products

The additive may be incorporated into the finished product at between 0.001% and 1.0% by weight.

Non-food contact uses only:

- Adult incontinence pads
- Baby diaper
- Bed pads
- Bladder control pads
- Disposable breast pads
- Feminine care pads
- Protective underwear
- Sanitary napkin
- Sheets for treating corpse

Miscellaneous Applications

The additive may be incorporated into the finished product at up to 5.0% by weight. Contact Sciescent LLC to determine the appropriate amount of Agion Silver Antimicrobial Type AG for individual finished products.

Non-food contact uses only:

- Cat litter
- Drainage and sewerage pipe
- Flooring
- Interior paints and coatings
- Plaster
- Puppy pads
- Sinks
- Stucco
- Slurries and intermediates
- Toilets
- Tile
- Waste liquids/substances: Control of spill and waste aqueous fluid, spilt blood and biological waste.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals. CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear goggles or face shield and rubber gloves. 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 present, after the first 5 minutes, then continue rinsing.• 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 the poison control center or doctor.• Do not give anything by mouth 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 by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center (NPIC) at 1-800-858-7378, 8:00 am – 12:00 pm Pacific Time, Monday – Friday; email: npic@ace.orst.edu ; or website: http://npic.orst.edu/ . You may also contact the Poison Control Center at 1-800-222-1222 for emergency medical treatment information.	

Storage and Disposal

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

Pesticide Storage: Do not store in areas accessible to children. Keep product dry and containers covered during storage; store below 130°F.

Container Disposal: Nonrefillable container. Do not reuse or refill inner plastic bag or outer steel can. Inner Plastic Bag: Completely empty plastic bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Outer Steel Can: Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Pesticide Disposal: Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility.