



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

EPA Reg. Number:

94446-1

Date of Issuance:

5/21/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BactiBlock 101 R1.47

Name and Address of Registrant (include ZIP Code):

Abigail T.D. Wacek
 Senior Regulatory Consultant
 TSG Consulting
 1150 18th Street NW, Suite 1000
 Washington, DC 20036

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.

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, Acting Product Manager 33
 Regulatory Management Branch 1
 Antimicrobials Division (7510P)
 Office of Pesticide Programs

Date:

5/21/20

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Silver nitrate GDCI-072503-1835

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. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 94446-1.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

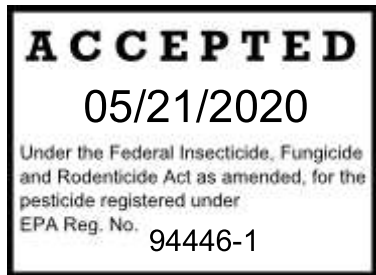
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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 11/11/2019
- Alternate CSF 1 dated 11/11/2019

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Enclosure: Approved label



{Administrative Note: [Brackets throughout label indicate optional or instructional language]}

BactiBlock 101 R1.47

BactiBlock 101 R1.47 is a bacteriostatic additive to be used in the manufacture of polymer, plastic and latex products. This product has been demonstrated to control bacteria, fungus, mold, yeast, and algae, which cause stain, odor, and deterioration due to fouling.

For commercial and industrial use.

Active Ingredient:	
Silver.....	0.5%
Other Ingredients	<u>99.5%</u>
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

[Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.]

See back/side panel for additional precautionary statements

[Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).]

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 eye. • Call a poison control center or doctor for treatment advice.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on Skin 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.
If Swallowed	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor immediately for treatment advice.
<p>Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

EPA Reg. No: 94446-R
EPA Est. No.: XXXXX-XX-XXX

Net Contents/Weight:
Batch Code/Lot No.:

Manufactured By:
Laboratorios Argenol S.L.
Autovía de Logroño Km 7,400
Polígono Europa 2, Naves 1-11
50011 Zaragoza (Spain)

{Administrative Note: [Brackets throughout label indicate optional or instructional language]}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: DANGER. Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Avoid contact with skin or clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse

ENVIRONMENTAL HAZARDS

[For containers greater than 5 gallons]

This pesticide is toxic to fish and aquatic organisms. 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. Not harmful to septic tanks. Contains no phosphorus.

[For containers equal to or less than 5 gallons:]

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp.

STORAGE AND DISPOSAL

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

STORAGE: Keep away from sunlight. Store in a cool, dry place. Store a temperature below 95°F (35°C). Do not store in areas accessible to children.

CONTAINER DISPOSAL: Non refillable container. Do not reuse or refill this container. Triple rinse (or equivalent). 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.

PESTICIDE HANDLING: Pesticide wastes are acutely hazardous. Improper disposal of pesticide, prepared solutions, or rinsate is a violation of Federal law. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of your nearest EPA Regional Office for guidance.

DIRECTIONS FOR USE

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

BactiBlock 101 R1.47 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." *BactiBlock 101 R1.47* suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only. No finished product incorporating *BactiBlock 101 R1.47* may make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the finished product which permits such claims. 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.

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

{Administrative Note: [Brackets throughout label indicate optional or instructional language]}

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 Laboratorios Argenol to determine the appropriate amount of *BactiBlock 101 R1.47* for individual finished products.

Non-food Contact Uses Only:

- Automobile parts
- Bathroom hardware
- Brush handles
- Cameras and imaging equipment
- Exercise equipment
- Floor coverings
- Flooring – sealed and unsealed
- Footwear (including boots, sports equipment and tools)
- Gaskets
- General purpose [storage] containers – Non-food use only
- Indoor and outdoor furniture
- Insulation for wire and cable
- Insulators
- Liners
- Mats
- Mops
- Non-woven fabrics
- Office equipment and supplies (including binders, filing and storage systems, pens, pencils, markers, printers, facsimile, machines, photocopiers, desk accessories, computers, keyboards, mice, scanners, and printers)
- Plumbing supplies and fixtures (including toilet bowl seats) drain pan liners
- Protective covers
- Shower curtains
- Siding for housing
- Spas, bathtubs, showers and filters and components
- Sports equipment
- Tape
- Telephones, mobile devices, head phones, headsets and accessories
- Televisions and remote controls
- Tubing
- Vacuum cleaner bags
- Waste containers
- Toys
- Self-service trays (non-food contact)
- Hospital and clinic accessories

{Administrative Note: [Brackets throughout label indicate optional or instructional language]}

Fibers

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for fibers. Contact Laboratorios Argenol to determine the appropriate amount of *BactiBlock 101 R1.47* for individual finished products.

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
- Towels
- Upholstery
- Wall covering fabrics

Apparel -

- Caps
- Inner liners for jackets
- Outerwear
- Sleepwear
- Socks and hosiery
- Sportswear
- Stockings
- Trim for outerwear and garments
- Umbrellas
- Undergarments

Transportation -

- Automotive and truck upholstery
- Carpeting
- Rear decks
- Trunk liners
- Convertible tops
- Interior liners

Industrial and Other Household Items -

- Artificial grass
- Artificial leather
- Awnings
- Bags
- Book covers
- Cloth for sails
- Filters
- Mops
- Ropes
- Tarps
- Tents and other outdoor equipment

{Administrative Note: [Brackets throughout label indicate optional or instructional language]}

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 0.1% for paper or 0.1% for bulk plastics. Contact Laboratorios Argenol to determine the appropriate amount of *BactiBlock 101 R1.47* for individual finished products. Types of coatings include water-borne, solvent-borne, 100% solids, radiation cure, liquid and powder.

Non-food contact uses only:

- Arm rests and back rests
- Automotive and vehicular parts
- Barrier fabrics
- Bed frames
- Concrete
- Countertops – Non-porous, non-food contact
- Fences
- Floors
- Furniture
- Glazing for cement tile
- Glazing for vitreous china used in plumbing fixtures (including toilets, sinks)
- Industrial equipment
- Packaging
- Paper products (including wall coverings, towels, book covers)
- Rails
- Roofing
- Shelving systems
- Shingles
- Siding
- Spas, bathtubs, showers, and filters and components – Hard, non-porous
- Storage systems
- Tables
- Wall board
- Walls

Coatings for Upgrade Applications

Upgrade Applications are defined as the incorporation of *BactiBlock 101 R1.47* 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. *BactiBlock 101 R1.47* may be incorporated into the finished coating at up to 5% 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 Laboratorios Argenol to determine the appropriate application technique and amount of *BactiBlock 101 R1.47* for individual products.

Non-food contact uses only:

- Chemical transportation equipment including railcars, tankers, trailers and components thereof
- 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 *BactiBlock 101 R1.47* 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.

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Adhesives and Sealants

The additive may be incorporated into the finished product at up to 5.0% by weight, or at least 0.1% for paper or 0.1% for bulk plastics. Contact Laboratorios Argenol to determine the appropriate amount of *BactiBlock 101 R1.47* for individual finished products.

Non-food contact uses only:

- Adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic
- Adhesives used in the manufacture of wood and plastic composites
- Adhesives, sealants and insulating materials for appliances, bathrooms, showers, kitchens and construction
- Glazing for windows
- Grout
- Grout and joint compound for countertops, building materials and components
- Plumbing adhesives
- Sealants for pipes