



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 27, 2022

Abigail T.D. Wacek
Senior Regulatory Consultant
Laboratorios Argenol S.L.
c/o TSG Consulting
1150 18th St NW
Suite 1000
Washington DC 20036

Subject: Label Amendment – Add additional hard non-food contact surface uses
Product Name: BactiBlock 101 R1.47
EPA Registration Number: 94446-1
Received Date: 5/19/2021
Action Case Number: 00302812

Dear Abigail T.D. Wacek:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6) you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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

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EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jamie Gobreski by phone at 202-566-0748 or via email at gobreski.jamie@epa.gov.

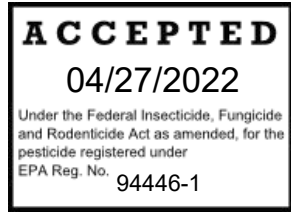
Sincerely,

A handwritten signature in cursive script that reads "Heather A. Garvie".

Heather A. Garvie
Senior Regulatory Advisor
Regulatory Management Branch 2
Antimicrobials Division
Office of Pesticide Programs

Enclosure

{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	99.5%
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.
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.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

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)

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.

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
- Clothing care machines
- Dish washers
- Dryers
- 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
- Polymeric foams
- Protective covers
- Refrigerator exterior surfaces (non-food contact)
- 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
- Washing machines
- Toys
- Self-service trays (non-food contact)
- Hospital and clinic accessories

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

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:

- Automobile Parts
- Arm rests and back rests
- Automotive and vehicular parts
- Barrier fabrics
- Bathroom Hardware
- Bed frames
- Brush Handles
- Cameras & imaging equipment
- Ceramic tiles
- Ceramic flooring
- Concrete
- Countertops – Non-porous, non-food contact
- Exercise Equipment
- Fences
- Floors
- Floor Coverings
- Footwear
- Furniture
- Gaskets
- General Purpose [storage] containers – Non-Food use only.
- Glazing for cement tile
- Glazing for vitreous china used in plumbing fixtures (including toilets, sinks)
- Hospital and clinic accessories
- Indoor & Outdoor Furniture
- Industrial equipment
- Insulators
- Insulation for wire and cable
- 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.)
- Packaging
- Paper products (including wall coverings, towels, book covers)
- Plumbing supplies and fixtures (includes toilet bowl seats) drain pan liners
- Protective covers
- Rails
- Roofing
- Self-service trays (non-food contact)
- Shelving systems
- Shingles
- Shower Curtains
- Siding
- Spas, bathtubs, showers, and filters and components – Hard, non-porous
- Storage systems
- Sports Equipment
- Tables
- Tape
- Telephones mobile devices, head phones, headsets, and accessories
- Televisions and remote controls
- Tubing
- Vacuum cleaner bags
- 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

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

- 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.

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