



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 9, 2025

Abigail T.D. Wacek
Consultant for Fuji Chemical Industries, Ltd.
c/o Technology Sciences Group Inc.
1150 18th Street, NW, Suite 1000
Washington, D.C. 20036
Electronic Transmittal: Abigail.wacek@tsgconsulting.com

Subject: Label and CSF Amendment – Response to Updating Silver GDCI Reclassification
Product Name: BACTEKILLER AZ
EPA Registration Number: 82415-2
Received Date: 01/06/2020
Action Case Number: 00220337

Dear Abigail Wacek:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, are 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.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 05/07/2025

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 Compliance 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 Srinivas Gowda by phone at 202-565-0078, or via email at gowda.srinivas@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The signature is written in a cursive, flowing style.

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

Enclosure: Stamped label

BACTEKILLER® AZ

Silver-Zinc Zeolite

An antimicrobial powder for commercial and industrial use designed to be incorporated into various non-food contact materials during varying stages of the manufacturing process to preserve the integrity of the materials. For more detail on the various materials refer to the Supplemental Labeling for uses of Bactekiller® AZ.

Active Ingredient:

Silver ion.....3.5%

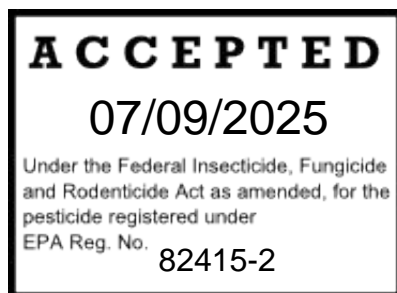
Zinc (as elemental).....6.5%

Other ingredients.....90.0%

Total.....100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight:
Lot No.:



Manufactured For:
Fuji Chemical Industries, Ltd.
3-5-13, Azuchimachi, Chuo-ku
Osaka, 541-0052, Japan

Bactekiller AZ (82415-2)
Fuji Chemical Industries, Ltd.

DIRECTIONS FOR USE

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

See Supplemental Labeling for more detailed use information.

Bactekiller® AZ is a silver zinc zeolite powder designed to be incorporated into various materials at various stages of their manufacturing process to impart antimicrobial properties to the manufactured materials. The powder can be incorporated into the materials as an integral part of the finished products throughout their entire thickness or as a film over the surfaces of the manufactured materials, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

Bactekiller® AZ may be incorporated into the following materials at specified Maximum Concentration (MC) on a dry weight of finished products.

APPLICATION - Non-food Use	(MC)
Plastic and Films: polyethylene, polyvinyl chloride, polyacetate, and polyester	1.50%
Paints: water based and solvent based	1.50%
Paper coating: packaging paper, paper production use	1.50%
Adhesive: plywood	2.00%
Synthetic Fibers. Polyester, nylon, polypropylene, Acrylic and rayon	1.50%
Pigments: dyestuffs and inks	1.00%
Textile Finishing and Manufacturing	0.75%

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store in areas accessible to children. Do not store in places where food or feed may come in contact with the product. Keep away from direct sunlight.

PESTICIDE DISPOSAL: Unused material should be disposed of on site or an approved waste disposal facility.

CONTAINER HANDLING. Non refillable container. Do not reuse or refill this container. Empty bag completely and dispose in regular trash collection. Offer cardboard container for recycling if available or dispose in regular trash collection.

Bactekiller® is a trademark of Fuji Chemical Industries, Ltd.
EPA Reg. No. 82415-2
EPA Est. No.:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not contaminate cooking utensils and food preparation surfaces.

ENVIRONMENTAL HAZARDS.

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.

FIRST AID

IF SWALLOWED	<ul style="list-style-type: none">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 the poison control center or doctor.Do not give anything by mouth to an unconscious person.
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 INHALED	<ul style="list-style-type: none">Move person to fresh airIf 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 IN EYES	<ul style="list-style-type: none">Hold eye open and rinse slowly and gently with water 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on this product, call the poison control center at 1-800-222-1222.

[Supplemental Labeling]

Claims: Bactekiller AZ is to be incorporated into the following non-food contact materials at suitable stages of the manufacturing process to impart antimicrobial activity to the treated materials to suppress the growth of bacteria and mold responsible for unpleasant odors and discoloration of the treated materials.

Fibers: polyester, polypropylene, nylon, polyethylene, acrylic, and rayon

Applications:

Home furnishings: mattress cover pads, sheet, blankets, quilt and pillow Fiberfill, curtain and drapery, carpet and carpet underlay, upholstery, wiping cloth, towels, bags, wall cover fabrics, cushion pads.

Apparel: Interlinings, industrial uniforms, coats and aprons, sportswear, sleepwear, stockings, socks, helmets, caps, gloves.

Industrial: brush bristles, shoe linings, artificial leather, filter, book covers, sail cloth, and ropes.

Plastic Film. and Molded Plastics:

Types: polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyvinyl chloride, polyacetate, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer.

Applications:

Gloves, shower curtains, air ducts, cable wraps, protective covers, Non-food contact foam containers, brush handles, sponges, insulators, gaskets, non-food tubing, non-food contact containers and film, furniture.

Paper coatings:

Types: Cellulosic, synthetic, specialty, reinforced.

Applications:

Wallpaper, wrap, wiping towels, book covers, corrugated paper filters.

Paint: water based paints, solvent based paints: for interior surfaces.

Adhesives:

Applications:

Adhesive for plywood manufacture, adhesive for cement tile and sealants.