



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

EPA Reg. Number:

103576-1

Date of Issuance:
6/17/25

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

MicroFight 014 Additive

Name and Address of Registrant (include ZIP Code):

Brian Hogan
Agent for NICHEM Solutions
KRK Consulting LLC
Electronic Transmittal: brian@eparegistration.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:

Date:

6/17/25

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

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

- a. Silver: GDCI-072501-1129

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

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

- Revise the EPA Registration Number to read, “EPA Reg. No. 103576-1.”

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 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 03/12/2025

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

Enclosure: Stamped Label

MICROFIGHT 014 ADDITIVE

MicroFight 014 Additive is an antimicrobial additive for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to preserve the integrity of the manufactured materials. It acts as an active & a preservative which protects the end materials from odor causing microbes & retains their quality for end use.

ACTIVE INGREDIENT:

Silver.....0.11%

OTHER INGREDIENTS: 99.89%

TOTAL: 100.00%

CAUTION

KEEP OUT OF REACH OF CHILDREN (KROC)

EPA Reg. No. 103576-R

EPA Est. No. XXXXX-XX-X

MANUFACTURED BY
NICHEM SOLUTIONS
2nd Floor, Miraj Corporate Park
Plot No A-223, Road No. 16 V,
Wagle Industrial Estate, Thane (W) - 400 604,
Maharashtra, India.

A C C E P T E D

06/17/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 103576-1

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 a 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 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

GENERAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear appropriate protective eyewear such as safety glasses, goggles, or face shield. Wear a long-sleeved shirt and long pants, socks, shoes, and waterproof 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 5 gallons or larger.)

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.

(For containers less than 5 gallons.)

This pesticide is toxic to fish.

DIRECTIONS FOR USE

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

MicroFight 014 Additive is a supported silver antimicrobial powder designed to be incorporated into various materials at various stages of their manufacturing process to enhance value of the manufactured materials. The powder can be incorporated as an integral part of the finished products throughout their entire thickness, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

MicroFight 014 Additive is to be incorporated into the following materials at the specified Maximum Concentrations (MC) on a weight-by-weight basis at suitable stages of the manufacturing process to preserve the integrity of the manufactured/treated materials.

*Note: Do not incorporate MicroFight 014 Additive into any food or drinking water contact application listed on this label without first incorporating it into a polymer approved with associated food conditions for food contact in 21 CFR 174-186 (inclusive) as amended, or in the United States Food & Drug Administration's Food Contact Substance Notification System, as amended.

For Non-Food Contact Plastics & Films:

Category	Application	Products	Maximum Concentration (MC)
Plastics & Films	Polyolefins, Acrylonitrile-Butadiene-Styrene, Polyurethane, High Impact Polystyrene, General purpose Polystyrene, Polyvinyl chloride (Films, Laminates)	electronic devices, kitchen appliances, home appliances, bathroom accessories, shower curtains, toilet seats, mobile phones, automobile steerings etc.	As Masterbatch – 2 to 5%

For Food Contact* Plastics & Films:

Category	Application	Products	Maximum Concentration (MC)
Plastics & Films	Polyolefins, Polystyrene, Polyvinyl chloride, Polyethylene, terephthalate	Appliances & equipment, food storage containers, food packaging lines, food processing utensils, food handling equipment, conveyor belts, countertops, gaskets, general purpose containers, food trays & covers, beverage dispensing equipment, beverage processing equipment, bottles, brush bristles, brush handles, protective covers, plastic films, non-woven fabrics	As Masterbatch 2 to 5%

For Drinking Water Contact Materials:

Category	Application	Products	Maximum Concentration (MC)
Containers & Materials	Plastics, Coatings, Laminates	Fibers, Films, water filter components, water dispensing components, housing units, ice-making equipment (water pans, piping, tubing, guards, ice storage bins, trays, ice-scoops, buckets, valves, gaskets), drinking water contact materials (storage tanks, storage vessels, water bottles, water piping, plumbing fixtures, cups, gaskets, spigots, coolers)	As Masterbatch – 2% As Additive – 2%

For Non-Food Contact Fibers:

Category	Application	Products	Maximum Concentration (MC)
Fibers	Polyester, Polypropylene, Nylon, Polyethylene, Acrylic, Rayon etc	Apparel: gloves, caps, masks, helmets, socks, stockings, sleepwear, sportswear, aprons, coats, industrial uniforms, interlinings, sanitary wear Home Furnishing: towels, bags, wiping cloths, upholstery, wall cover fabrics, cushion pads, carpets, curtains, draperies, quilts, pillows, blankets, sheets, mattress, shower curtains	As Emulsion – 1 to 2%

For Food Contact* Fibers:

Category	Application	Products	Maximum Concentration (MC)
Fibers	Polyester, Polypropylene, Nylon, Polyethylene, Acrylic, Rayon etc	Food contact apparel (aprons, coats, uniforms, gloves, outerwear, masks etc) and other goods manufactured from fibers, commercial & industrial wipes for kitchen use, food packaging materials (bags, sacks, wraps, cushions, absorbent materials), table cloths, napkins, wiping cloths, mops, sponges, brush bristles	As Emulsion 1 to 2%

For Paint Coatings:

Category	Application	Products	Maximum Concentration (MC)
Paint Coatings	In-Can, Dry Film	Water-based Paint Systems	As Additive – 0.3 to 0.4%

For Non-Food Contact Paper Coatings:

Category	Application	Products	Maximum Concentration (MC)
Paper Coatings	Cellulosic, Synthetic, Specialty, Reinforced papers etc.	books, packaging, book covers, corrugated paper filters, wiping towels, wallpapers,	As Additive – 2.5%

STORAGE AND DISPOSAL

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

Pesticide Storage: Store product in its original container in a cool dry place. Keep away from direct sunlight or humidity. In case of spill, collect material and dispose of it as specified below.

Pesticide Disposal: Unused materials should be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container.

{For Nonrefillable Foil or Plastic Bags}

Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill.

{For Non-refillable (Rigid) Plastic Containers}

Clean container promptly after emptying. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill.

{For Nonrefillable (Fiber Drums) (Foil Pouches) with Liners}

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment then offer for recycling if available or dispose of in a sanitary landfill. Dispose of (Fiber Drum) (Foil Pouch) in the same manner as the liner.

OPTIONAL MARKETING STATEMENTS

- Easy dispersion in end matrix
- Does not negatively affect the properties of end products
- Suppresses odor forming & staining microbes

OPTIONAL GRAPHICS



WARRANTY

Disclaimer: Since the use of the product is beyond our control, we will not accept any liability for any misuse or claims otherwise except for uniform quality of the product.