



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

102799-1

Date of Issuance:

8/2/24

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Tenray ZF

Name and Address of Registrant (include ZIP Code):

Jeremy D. Malone, Consultant
Spring Regulatory Sciences, Agent for EverZinc
1301 McKinney St. #1575
Houston, TX 77010
Electronic Transmittal: jeremy@springregulatory.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:

8/2/24

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

a. Zinc Oxide GDCI-088502-1321

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. 102799-1."

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.

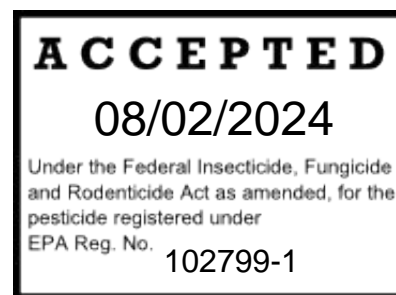
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/14/2023

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

[Denotes Optional Text]
{ Denotes Notes to EPA Reviewer}
{EPA Master Label – Tenray ZF; version 1; date 7/23/2024}
{Front Panel start}



Tenray ZF
{Alternate name brand(s):
}

Active Ingredient:

Zinc Oxide.....100.0%
Total100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional Precautionary Statements [and complete Directions for Use] [inside booklet] [on [back panel] [side panel] [other panel]]

See [back panel] [side panel] [other panel] for First Aid

Net Contents: ____ lbs [(____ kg)]

{End Front Panel}

{Note to reviewer: First Aid may be in table or list format}

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.
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, Monday-Friday, 8:00 am – 12:00 pm Pacific time ; 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.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. 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. Observe the most restrictive of the labeling limitations and precautions of all products use in mixtures.

DIRECTIONS FOR USE

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

Tenray ZF is intended for use in the manufacture of the products listed below to impart antimicrobial properties. Tenray ZF inhibits the growth of stain and odor causing bacteria, mold, and mildew on the product to which it is applied. Products containing Tenray ZF may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria, mold, and mildew. Manufactured products using Tenray ZF may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product.

This product is not approved for any food contact or food packaging uses.

MAXIMUM CONCENTRATION: Tenray ZF may be incorporated into the types of products listed below at a maximum concentration (on a weight basis of the finished products) of no more than as specified below for the following types of products:

Ceramics, ceramic glazes, porcelain enamels, and other glasses:	15%
Plastics, plastic composite materials and coating:	15%
Paints and varnishes:	10%
Fibers:	15%
Adhesives and sealants:	10%

TYPES OF PRODUCTS - Tenray ZF may be incorporated into the following types of products:

1) Ceramics, ceramic glazes, porcelain enamels, and other glasses:

Specific materials: Vitreous china, ceramics, glazes, earthenware, stoneware, dental glasses, borosilicate glasses, lead glasses, soda lime glasses, special glasses, porcelains, porcelain enamels, clays, concretes, and grouts.

Applications: This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water. Applications include toilets, sinks, urinals, bidets, lavatories, bathtubs, tile, flooring, windows, shower doors, shower walls, shower trays, bath and kitchen accessories, countertops, handles, and knobs.

2) Plastics, plastic composite materials and coatings:

Specific materials: Resins including alkyds, amino resins, (melamine formaldehyde and urea formaldehyde), polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinyl acetate (PV A), ethylene vinyl acetate (EVA), polyethylene copolymer, polyvinyl chloride (PVC), epoxies, phenolic, polycarbonate, cellulose, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymer (ASA), acetals, polyketones, polyphenylene, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymer and fluoropolymers, amino resins, thermoplastic elastomer, rubber (including styrene, butadiene, common acrylonitrile rubber, CR) polyacetal (polyoxymethylene), and blends and copolymers thereof.

Applications: This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water. Applications include toilet seats, toilets, sinks, urinals, bidets, lavatories, bathtubs, spas, tile, flooring, shower doors, shower walls, shower trays, bath and kitchen accessories, plumbing supplies and fixtures, countertops, handles, knobs, automobile parts, shower curtains, mats, protective covers, waste containers, general purpose containers, shower heads, mops, brooms, tapes, packaging, gaskets, pipes, tubing, pipe fittings,

whirlpool tub and spa components, structural reinforcement composites (e.g., fiber reinforced resin backings), furniture, window blinds, tools, keyboards, personal grooming equipment, footwear including boots, sports equipment, telephones, and computer equipment.

3) Paints and varnishes:

Types of Paints and Varnishes: All application methods including water borne, nonaqueous solvent borne systems.

Applications: This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water. Applications include Interior and exterior paints, electrostatic paints, organic solvent base paints, water solvent base paints, paper varnishes, wood varnishes and paints, door knob varnishes, lockers paints, and paints for walls, ceiling, doors.

4) Fibers:

Specific materials: Resins including polyester (“Dacron” PET, and PTT), acetate, polyolefins, polyamides (Nylon), polypropylene (PP), polyethylene (PE), acrylics, viscose, polyurethane, “Rayon,” polyvinyl alcohol (PVOH), polyvinyl chloride (PVC), polyvinylidene chloride, polysaccharides, and blends and copolymers thereof.

Applications: This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water. Applications include Household items, bedding, mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, table cloths, napkins, commercial and industrial wipes and fabrics, wipes/wiping, mops, sponges, towels, vacuum cleaner bags, cushion pads, sleeping bags, brush bristles, air and dust filters, book covers, curtains, draperies, upholstery, wall covering fabrics, carpet underlay, carpet backing, conveyor belts that do not come in contact with any type of food, automotive and truck upholstery, automotive, airplane and truck carpeting, truck liners, convertible tops and interior liners, apparel, sleepwear, stockings, socks, hosiery, caps, undergarments (undershirts, underwear, bras, thermal underwear), inner liners for jackets, shoes, shoe liners, gloves and helmets, natural and synthetic fibers and fabrics, non-woven fabrics, clothing made out non-woven, non-woven gowns, nonwoven masks, non-woven accessories, sails, ropes, tents, tarps, canvas, ducking, awnings, umbrellas, outdoor upholstery, pet clothing and bedding, pool covers, boat covers, RV and auto covers.

5) Adhesives and Sealants:

Specific materials: Resins including alkyds, amino resins, (melamine formaldehyde and urea formaldehyde), polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinyl acetate (PVA), ethylene vinyl acetate (EVA), polyethylene copolymer, polyvinyl chloride (PVC), epoxies, phenolic, polycarbonate, cellulotics, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymer (ASA), acetals, polyketones, polyphelylene, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymer and fluoropolymers, amino resins, thermoplastic elastomer, rubber (including styrene, butadiene, common acrylonitrile rubber, CR) polyacetal (polyoxymethylene), and blends and copolymers thereof.

Applications: This product may not be used for any applications involving food contact, food packaging, or storage of human drinking water. Applications include adhesives used in the manufacturing of wood and plastic composites, adhesives for ceramic tile, rubber, floor sealant, plastic, concrete, glazing for windows, grout, sealants for pipes, tapes, gaskets, sealants in construction, and adhesives for plumbing.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry area. Keep container closed to prevent contact with moist air. Do not store in area where food or feed may come in contact with the product. Keep away from direct sunlight.

PESTICIDE DISPOSAL: Pesticide wastes may be hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: For nonrefillable plastic bags: Nonrefillable container. Do not reuse or refill this container. Completely empty 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.

NOTICE: EverZinc warrants that this product in its unopened package conforms to the chemical description on the label. To the extent consistent with applicable law, THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, this warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

EPA Reg. No. 102799-1 EPA Est. 102799-XX-X

[Product] [Code] [Re-order] [Product Code] [Order] [No]: _____

[Lot Number:_____]

Manufactured by:

everZINC★

1301 McKinney St. #1575

Houston, TX 77010

{Note to reviewer: The following are considered optional marketing language and can be listed anywhere on the label.Product name and 'this product' may be used interchangeably}

[Tenray ZF is an antimicrobial additive that effectively inhibits the growth of stain and odor causing bacteria, mold, and mildew on the product to which it is applied.]

[This product is intended for use in the manufacturing of commercial and consumer products to impart antimicrobial properties.]