



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

January 15, 2026

**SENT BY EMAIL**

Jacqueline Stewart  
jstewart@delta-ac.com  
ISHIZUKA GLASS CO., LTD.

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Correct typographical error in the active ingredient percentage  
Product Name: IONPURE IZA  
Admin Number: 73148-5  
EPA Receipt Date: 06/27/2025  
Action Case Number: 00660818

Dear Jacqueline Stewart:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your 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 EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Katelyn Chambers via email at [chambers.katelyn@epa.gov](mailto:chambers.katelyn@epa.gov).

Sincerely,

*Steven Snyderman*

Steven Snyderman, Product Manager, Team 33  
RMB 2, AD  
Office of Pesticide Programs

# IONPURE IZA

## Active Ingredient:

Silver ion..... 2.6%

Other Ingredients.....97.4%

Total.....100.0%

**IONPURE IZA** is an antimicrobial powder 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. A preservative for use in the manufacture of plastic films, interior paint, paper coatings, adhesives and synthetic fibers. For more details of the various materials, refer to the **IONPURE IZA** use tables. Not for use in food grade paper, paperboard product, paper coatings, and adhesives

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical questions, emergencies or accidents involving this product, 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>.

### Manufactured by:

Ishizuka Glass Co. Ltd.  
1880 Kawai-cho, Iwakura City  
Aichi, Japan  
Telephone: (+81) 587 37 3251  
Email: [ceramics@ishizuka.co.jp](mailto:ceramics@ishizuka.co.jp)  
Website: <https://www.ishizuka.co.jp/english/>

## NOTIFICATION

73148-5

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

01/15/2026

EPA Reg. No. 73148-5

EPA Est. No. 73148-JPN-001

## NET WEIGHT:

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically addressed in an NPDES permit. 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and 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 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 DISPOSAL:** Non refillable container. Do not reuse or refill this container. Empty bag completely into processing equipment then offer empty bag and outer cardboard box for recycling, if available, or dispose of in a sanitary landfill or by incineration.

## DIRECTIONS FOR USE

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

Only for manufacture of or fabrication into antimicrobial pesticides for 1) the uses listed on this label and supplemental label; 2) Uses for which US EPA has approved the required data and/or citations of data that the formulator has submitted in support of registration; and 3) Uses for experimental purposes that are in compliance with US EPA requirements.

**IONPURE IZA** is an antimicrobial powder for the manufacture of polymeric, plastic, and paint products only. It is designed to be incorporated into the materials for manufacture into final products listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. **IONPURE IZA** suppresses the growth of bacteria, algae, fungus, mold and mildew which cause unpleasant odors, discoloration, staining, deterioration or corrosion of those manufactured products.

Finished products containing **IONPURE IZA** may not make public health claims relating to antimicrobial activity without EPA pesticide registration. When incorporated into treated articles, this product does not protect users of any such treated article or others against foodborne or disease causing bacteria, viruses, germs or other disease causing organisms.

Incorporate **IONPURE IZA** into permitted materials in the finished product at 0.1 to 2.0% of **IONPURE IZA** by weight. Contact Ishizuka Glass Co., Ltd. to determine the appropriate amount of **IONPURE IZA** for individual finished products. Incorporated amount not to exceed the label application Maximum Concentrations (MC) rates.

# IONPURE IZA

*Material preservative and antimicrobial agent for use in the manufacture of polymer, plastic, paint, and textile products.*

## APPLICATIONS AND TYPES OF MATERIALS

### Non-Food Contact Uses for IONPURE IZA

IONPURE IZA is intended for use as an additive into the following materials and substances as part of the manufacturing process in order to provide built-in antimicrobial activity in manufactured and finished products.

Application	Types of Finished Products	MC
Plastics, including films, sheets, slabs, & molded plastic parts	Appliances and equipment, automobile parts, brush bristles, brush handles, containers, floor coverings, flooring, foam containers, footwear (including boots, sports equipment & tools), furniture, gaskets, general purpose containers, gloves, insulation for wire & cable, insulators, kitchen & bathroom hardware, liners, mats, mops, non-woven fabrics, plastic film, plumbing supplies & fixtures (including toilet bowl seats), protective covers, shower curtains, sinks, tape, tiles, tubing, vacuum cleaner bags, waste containers, Polyurethane foam (such as mop heads, mattresses, mattress pads, pillows, sponges, shoe soles) etc.	2.0%
Fibers	Apparel (such as umbrellas, outerwear, sportswear, sleepwear, socks & hosiery, caps, undergarments, inner liners for jackets, trim for outerwear and garments, uniforms, outerwear, gloves, aprons, coats and shoes). Industrial and other household items (such as artificial leather, filters, book covers, mops, cloth for sails, ropes, tents and other outdoor equipment, tarps, awnings, bags, brush bristles, commercial and industrial wipes & fabrics, sponges, wiping cloths). Textile finishing (various surface resins for coating textiles). Interior furnishings (such as mattress cover pads & filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains, draperies, carpet and carpet underlay, rugs, upholstery, towels, wall covering fabrics, cushion pads, sleeping bags). Packaging. Transportation items (such as automotive and truck upholstery, carpeting, rear decks, trunk liners, convertible tops, interior linings)	2.0%
Coatings, films and laminates	Appliances, automotive & vehicle parts, barrier fabrics, building materials and components (such as walls, wallboard, floors, concrete, siding, roofing, shingles, hardware, floors, ceilings, commercial & industrial applications). Collection & storage equipment (such as conveyor belts, piping systems, silos, tanks and process vessels), countertops, furniture, general purpose containers, glazing for cement tile, glazing for vitreous china used in plumbing fixtures (such as toilets, sinks, countertops). Industrial equipment, natural and synthetic fibers and fabrics, packaging, paper products (such as wipes, tissues, wall coverings, towels, book covers, corrugated paper filters), sinks	2.0%
Adhesives and sealants	Appliances, bathrooms, cardboard, ceramic tile, construction materials, glazing for windows, grout & joint compound, paper, pipe sealant & insulating materials, plastic, plumbing adhesives, plywood, rubber, sealants for pipes, showers, wood, wood & plastic composites	2.0%
Paints (indoor use only)	Solvent-based paints, water-based paints	2.0%

### Food Contact Uses for IONPURE IZA

IONPURE IZA is permitted for use as an antimicrobial additive in the polymeric manufactured products listed below that are used for manufacturing, packing, packaging, transporting, handling and/or holding food if such use is not intended to have any antimicrobial effect in the food itself. Do not incorporate IONPURE IZA into any food or drinking water contact application listed on this label without first incorporating IONPURE IZA into a polymer which is approved, with associated use conditions, for food contact in 21 CFR 174-186 (inclusive) as amended, or in the United States Food and Drug Administration's Food Contact Substance Notification System, as amended.

Application	Types of Finished Products	MC
Plastics, including films, sheets, slabs, & molded plastic parts	Appliances and equipment, beverage dispensing equipment, beverage processing equipment, bottles, brush bristles, brush handles, containers, conveyor belts, countertops, food handling equipment, food processing equipment, food storage containers, food trays and covers, food packaging, food processing utensils, gaskets, general purpose containers, kitchen and bathroom hardware, liners, mats, non-woven fabrics, plastic film, plumbing supplies and fixtures, protective covers, sinks, tape, tiles, tubing	1.7%
Fibers	Containers, conveyor belts, tablecloths, napkins, wiping cloths, mops, sponges, brush bristles, filters, packaging (including bags, sacks, wraps, cushions, absorbent materials and containers), commercial and industrial wipes and fabrics for kitchen use, food packaging	1.7%
Coatings, films & laminates	Appliances and equipment, barrier fabrics, building materials and components, collection and storage equipment (such as conveyor belts, piping systems, silos, tanks and process vessels), cookware, countertops, food wrap (including coated deli paper, coated meat interleavers and plastic wrap), general purpose containers, glazing for cement tile, glazing for vitreous china used in plumbing fixtures (such as sinks and countertops), industrial equipment, natural and synthetic fibers and fabrics, packaging, paper products (such as wipes, tissues, wall coverings, towels), plastic film, sinks	1.7%
Adhesives & sealants	Appliances, cardboard, ceramic tile, grout and joint compound, paper, pipe sealant, and insulating materials, plastic, plumbing adhesives, rubber, sealants for pipes, wood, wood and plastic composites	1.7%

### Drinking Water Contact Uses for IONPURE IZA

IONPURE IZA is permitted for the human drinking water contact uses listed below. The additive is permitted for use in food bowls and water bowls, dishes and other containers used by domestic animals. Do not use for any food or drinking water applications involving non-domestic animals. Do not incorporate IONPURE IZA into any food or drinking water contact application listed on this label without first incorporating IONPURE IZA into a polymer which is approved, with associated use conditions, for food contact in 21 CFR 174-186 (inclusive) as amended, or in the United States Food and Drug Administration's Food Contact Substance Notification System, as amended.

Application	Types of Finished Products	MC
Plastics; fibers; coatings, films & laminates; adhesives & sealants	Including ice making equipment (water pans, piping tubing, guards, ice storage bins, trays, ice scoops, buckets, valves and gaskets); drinking water contact materials (water bottles, cups, gaskets, plumbing fixtures, storage tanks and vessels, water piping, tubing valves, spigots, coolers, water dispensing components, housing units and water filter components	1.7%

### Protection of Finished Products and Intermediate Concentrates

It is possible to apply IONPURE IZA in intermediate concentrations which will be further processed to produce finished products and formulations. It can be used in intermediate concentrations up to 50% by weight (500 lbs. of product per 1000 lbs. (i.e., as a master batch)) in substrates intended for further processing in an industrial environment into the finished products and formulations listed above. This rate applies only to intermediate manufacturing/industrial uses. Anything created with the intermediate concentrates must not exceed the label application rates.