



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 14, 2025

SENT BY EMAIL

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

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation Amendment -
Minor label changes and silver reclassification
Product Name: IONPURE IPI
Admin Number: 73148-8
EPA Receipt Date: 05/12/2023
Action Case Number: 00452218

Dear Jaqueline Stewart:

The amended label and Confidential Statements of Formula (CSFs) 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. The next label printing of this product must use this labeling unless subsequent changes have been approved. 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 01/16/2020
- Alternate CSF #1 dated 01/16/2020

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.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Steven Snyderman via email at snyderman.steven@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The script is fluid and cursive, with the first letters of "Steven" and "Snyderman" being capitalized and prominent.

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

IONPURE IPI

Active Ingredient:

Silver ion..... 1.25%

Other Ingredients.....98.75%

Total.....100.00%

IONPURE IPI 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. **IONPURE IPI** is 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 IPI** use tables. Not for use in food grade paper, paperboard product, paper coatings, and adhesives.

KEEP OUT OF REACH OF CHILDREN CAUTION

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 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.

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

Website: <https://www.ishizuka.co.jp/english/>

ACCEPTED

07/14/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 73148-8

EPA Reg. No. 73148-8

EPA Est. No. 73148-JPN-001

NET WEIGHT:

DIRECTIONS FOR USE

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

Blending and Formulating Instructions for the Listed Materials

IONPURE IPI is an antimicrobial powder designed to be incorporated into various materials at various stages of their manufacturing process to preserve the integrity of 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 upon the particular method of manufacture of the finished materials and needs of the manufacturer.

IONPURE IPI may be incorporated into the following materials at the specified Maximum Concentrations (MC) on a dry weight basis of finished products, or on a weight-by-weight basis for liquid products such as paints.

APPLICATIONS AND TYPES OF MATERIALS

Non-Food Contact Uses for IONPURE IPI

IONPURE IPI is to be incorporated into the following materials at suitable stages of the manufacturing process to preserve the integrity of the manufactured/treated materials and suppress the growth of bacteria and mold in/on manufactured/treated materials.

Non-food uses only. No food contact. No water pipe use. Not for use in food grade paper, packaging paper, containers, paperboard products, paper coatings, and adhesives that will come in contact with food.

IONPURE IPI

Non-Food Contact Uses continued

Application	Types of Finished Products	MC
Plastics , including films, sheets, slabs, and molded plastic parts Polymers including polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer, etc.	computers, laptops, and accessories (stationary, mobile and handheld) including processors (CPUs), monitors, stands, and peripherals to include keyboards, mouse, touch pad, touch tablet, graphic tablet, and trackballs and other input/output devices; electronics and gaming equipment (stationary, portable, mobile, and handheld) and displays and their accessories, including consoles, headsets, controllers and other input/output devices; cameras and imaging equipment (including TV set and monitors); communication equipment (stationary, mobile, and handheld) including telephones, headsets, handsets, intercoms, earphones, and microphones and other input/output devices; acoustic instruments and/or hearing aids; eyeglass frames and lenses, protective eyewear including glasses, masks, shields, and goggles; medical devices, equipment and supplies (claims allowed; odor, discoloration, staining); gloves, shower curtains, cable wraps, protective covers, foam containers, brush handles, insulators, gaskets, tubings, containers, films, furnitures, Polyurethane foam (such as mop heads, mattresses, mattress pads, pillows, sponges, shoe soles) etc.	5.0%
Paint – Indoor use only	Water-based paint, solvent-based paint	5.0%
Paper coatings – Cellulosic, synthetic, specialty, reinforced papers, etc. Not for paper production use.	Wallpaper, wiping towels, book covers, corrugated paper filters, etc.	2.0%
Adhesives	Adhesives for plywood manufacture, adhesive for cement tile and sealants, etc.	2.0%
Fibers – polyester polypropylene, nylon, polyethylene, acrylic, rayon, etc.	Home furnishings, including mattress cover pads, sheets, blankets, quilt and pillow fiber fill, curtain and drapery, carpet and its underlay, upholstery, wiping cloth, towels, bags, wall cover fabrics, cushion pads, etc. Apparel, including inner lining, industrial uniforms, coats and aprons, sportswear, sleepwear, stockings, socks, helmets, caps, gloves, etc. Industrial products, including brush bristles, shoe linings, artificial leather, filters, book covers, sail cloth, ropes, sponges, etc.	2.0%
Textile Finishing	Various surface resin coatings	2.0%
Coatings including water-borne, solvent-borne, liquid powder and 100% solids coatings for interior and exterior uses. To be used to incorporate IONPURE IPI in coatings to inhibit the growth of non-public health mold, mildew, fungus, and bacteria that cause odor, discoloration, staining, deterioration, or corrosion on the coated surface. IONPURE IPI does not protect the underlying substrate and is not for use against public health organisms.	non-food packaging, paper products, natural and synthetic fibers and fabrics, sinks, countertops, general purpose containers, collection and storage equipment, appliances, cameras and imaging equipment (including TV set and monitors), building materials, and components equipment (including walls, hardware, floors, ceilings and components thereof for kitchen, commercial and industrial application), wallboard, flooring materials, concrete, siding, roofing, shingles, industrial equipment, medical devices, equipment and supplies (claims allowed; odor, discoloration, staining), metals, plastics, furniture, automotive and vehicular parts, barrier fabrics and glazing materials, spas, bathtubs, showers, and filters and components thereof original equipment manufacturing of heating, ventilation and air conditioning (HVAC) equipment and related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, and parts and components thereof) coatings used to upgrade non-residential heating ventilation and air conditioning equipment and related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, and parts and components thereof)	5.0%

Protection of Finished Products and Intermediate Concentrates

It is possible to apply IONPURE IPI 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.