



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 25, 2025

Jacqueline Stewart
Delta Analytical Corp.
Agent for Ishizuka Glass Co., Ltd.
Electronic Transmittal: jstewart@delta-ac.com

Subject: Label and CSF Amendment – Add intermediate concentrate language to the label and update the active ingredient from silver to silver ion (to reflect the silver reclassification) with revised label and Basic and Alternate #1 CSFs.
Product Name: IONPURE IPM
EPA Registration Number: 73148-4
Received Date: 12/16/2019
Action Case Number: 00220457

Dear Jacqueline Stewart:

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.

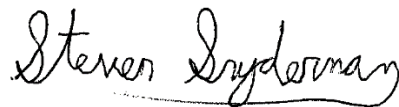
Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 12/13/2019
- Alternate CSF 1 dated 12/13/2019

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 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

IONPURE IPM

Active Ingredient:

Silver ion..... 2.5%

Other Ingredients.....97.5%

Total.....100.0%

IONPURE IPM 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 IPM** 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

04/25/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 73148-4

EPA Reg. No. 73148-4

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 IPM is an antimicrobial powder for the manufacture of polymeric, plastic, and paint products only. It is designed to be used in materials that are incorporated into final products listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. **IONPURE IPM** 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 IPM** 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 food borne or disease causing bacteria, viruses, germs or other disease causing organisms.

Incorporate **IONPURE IPM** into permitted materials in the finished product at 0.1 to 1.5% of **IONPURE IPM** by weight. Contact Ishizuka Glass Co., Ltd. to determine the appropriate amount of **IONPURE IPM** for individual finished products. Incorporated amount not to exceed the label application Maximum Concentration (MC) rates.

IONPURE IPM

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 IPM

IONPURE IPM 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 and 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, foam	1.5%
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)	1.5%
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	1.5%
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	1.5%
Paints (indoor use only)	Solvent-based paints, water-based paints	1.5%

Food Contact Uses for IONPURE IPM

IONPURE IPM is permitted to be incorporated at the specified Maximum Concentration (MC) on a dry weight basis of finished polymeric 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 IPM into any food or drinking water contact application listed on this label without first incorporating IONPURE IPM 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, foam	1.0%
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	1.0%
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	1.0%
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	1.0%

Drinking Water Contact Uses for IONPURE IPM

IONPURE IPM is permitted for the human drinking water contact uses listed below. The additive is permitted at the specified Maximum Concentrations (MC) on a dry weight basis of finished products 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 IPM into any food or drinking water contact application listed on this label without first incorporating IONPURE IPM 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)	1.0%

Protection of Finished Products and Intermediate Concentrates

It is possible to apply IONPURE WPA 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.