



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 7, 2019

Leesha N. Square  
Lonza Inc.  
412 Mt. Kemble Avenue  
Suite 200S  
US-0790 Morristown

Subject: Notification per PRN 98-10 – To add directions for totes and bulk shipments under container disposal directions  
Product Name: Isocil WT  
EPA Registration Number: 6836-326  
Application Date: October 29, 2018  
Decision Number: 546462

Dear Ms. Square:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) 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 label submitted with the application has been stamped “Notification” and will be placed in our records.

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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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) list 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. 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 Compliance.

If you have any questions, you may contact Zebora Johnson at (703) 308-7080 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Zeno Bain".

Zeno Bain,  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

# ISOCIL WT

**INDUSTRIAL MILDEWCIDE – FOR USE AS AN INDUSTRIAL MILDEWCIDE IN COATINGS, PAINTS, BUILDING MATERIALS, WALLPAPER PASTES, ADHESIVES, AQUEOUS ADHESIVES AND TACKIFIERS.**

**FOR USE BY MANUFACTURERS ONLY FOR USE IN COATINGS, PAINTS, BUILDING MATERIALS, WALLPAPER PASTES AND ADHESIVES, AQUEOUS ADHESIVES AND TACKIFIERS, LEATHER, HIDES, METALWORKING CUTTING FLUIDS, FABRIC, VINYL, PLASTICS, EMULSIONS, HYDRAULIC FLUIDS, TEXTILES, LAUNDRY, AIR WASHER WATER, COOLING TOWER WATER, CAULKING COMPOUNDS, FABRIC SURFACES, POLYMERS AND POLYURETHANE.**

## NOTIFICATION

6836-326

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:

02/07/2019

### ACTIVE INGREDIENTS:

2-n-Octyl-4-isothiazolin-3-one ..... 45%

OTHER INGREDIENTS:.....55%

TOTAL:.....100%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### FIRST AID

**IF IN EYES:** 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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

**IF SWALLOWED:** 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 INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

In case of an emergency call 1-800-654-6911 or 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.

### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

### SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS.

EPA Reg. No. 6836-326

EPA Est. No. *(as indicated on container)*

Net Contents: *(as indicated on container)*

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

### MANUFACTURED FOR:

Lonza Inc.

90 Boroline Road  
Allendale, NJ 07401

412 Mt. Kemble Avenue  
Suite 200S  
US – 07960 Morristown

ISOCIL WT

EPA Reg. No. 6836-326

EPA Stamped Label 12-10-2014, Notif 03-17-2015, Draft Notif 10-29-2018

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if inhaled. Wear goggles or face shield, protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Avoid breathing vapor.

### **Personal Protective Equipment (PPE)**

Wear chemical-resistant gloves, goggles, face shield, and a chemical-resistant apron worn over long sleeved shirt and long pants

### **ENVIRONMENTAL HAZARDS**

This chemical is toxic to fish, aquatic invertebrates, oysters and shrimp. 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.

### **DIRECTIONS FOR USE**

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

Isocil WT is for use as an industrial mildewcide in coatings, paints, building materials, wallpaper pastes and adhesives, aqueous adhesives and tackifiers.

Do not use treated material for construction of honey bee hives.

### **COATINGS**

For use as a mildewcide in coatings such as wood coatings, wood coating solutions, latex and solvent-based paints, semi-transparent stains and solid stains. Use 1.0 to 3.0 pounds of ISOCIL WT per 100 gallons of coating formulation. If necessary, a higher dosage up to 4.0 pounds of ISOCIL WT per 100 gallons may be used depending upon level of control required.

In latex coatings, ISOCIL WT should be added during the letdown phase of paint manufacture. To ensure uniform distribution throughout the coating, it is recommended that ISOCIL WT be premixed with propylene glycol and coalescent. The premix should be added slowly, with good agitation, just prior to the addition of the thickener. In solvent-based coatings, a coupling solvent such as butyl Cellosolve® may be used to assist in mixing ISOCIL WT.

### **CONCENTRATES**

ISOCIL WT should be added to the polymer latex concentrate at a level to ensure that the final use-dilution will contain 1.0 to 3.0 pounds of ISOCIL WT per 100 gallons of coating formulation.

Dosage levels of ISOCIL WT will depend upon the type of formulation, the presence and level of zinc oxide in the system, and the climate in which the material will be exposed.

### **BUILDING MATERIALS (Not for Use in California)**

For use as a mildewcide in building materials such as elastomeric roof and wall coatings and sealants, caulks, sealants, joint cements, spackling, stucco and grouting. Use 1.0 to 3.0 pounds of Isocil WT per 100 gallons of formulation.

**WALLPAPER PASTES AND ADHESIVES (Not for Use in California)**

For use as a mildewcidal preservative to protect materials such as polyvinyl acetate, starch and dextrin-based pastes from fungal attack after they are applied. Use 0.1 to 0.15 pounds of Isocil WT per 100 gallons of formulation.

**ADHESIVE AND TACKIFIERS PRESERVATION (Not for Use in California)**

For use as a mildewcidal preservative in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, polyurethane, epoxy, acrylic latices, and tackifiers derived from rosin and hydrocarbon resins. Use 0.10 to 0.20 pounds of Isocil WT per 100 pounds of formulation.

Isocil WT is also sold for use in the formulation of industrial mildewcides in the following uses. Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

**BUILDING MATERIALS (Not for Use in California)**

For use as a mildewcide in building materials such as elastomeric roof and wall coatings and mastics, caulks, sealants, joint cements, spackling, stucco, and grouting. Use 1.0 to 3.0 pounds of Isocil WT per 100 gallons of formulation.

**WALLPAPER PASTES AND ADHESIVES (Not for Use in California)**

For use as a mildewcidal preservative to protect materials such as polyvinyl acetate, starch and dextrin-based pastes from fungal attack after they are applied. Use 1.0 to 4.0 pounds of Isocil WT per 100 gallons of formulation.

**AQUEOUS ADHESIVE AND TACKIFIER PRESERVATION (Not for Use in California)**

For use as a mildewcidal preservative in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate styrene-butadiene, polyurethane, epoxy, acrylic latices and tackifiers derived from rosin and hydrocarbon resins. Use 1.0 to 4.0 pounds of Isocil WT per 100 gallons of formulation.

**LEATHER AND HIDE (Not for Use in California)**

For use in the prevention of mold, bacteria and fungi in the storage and transport of wet leather stock such as pickled, chrome-tanned and vegetable-tanned leather and hides.

Wet Hide Weight (lbs)	Recommended Dose Level	Gallons Product	Pounds Product	ppm Product	ppm Active Ingredient
10,000	Minimum	0.16	1.4	140	64
10,000	Maximum	0.48	4.2	416	190

**METALWORKING CUTTING FLUIDS (Not for Use in California)**

For use as a mildewcidal preservative in soluble and emulsifiable aqueous metalworking fluids. Isocil WT should be added to the metalworking concentrate at a level to ensure the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm of active ingredient)

**HYDRAULIC FLUIDS (Not for Use in California)**

For use as a preservative in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent. Isocil WT should be added to the hydraulic fluid concentrate at a level to ensure the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm of active ingredient)

**VINYL AND PLASTICS**

For use as a mildewcidal preservative in plastics and vinyl materials. Use 4.1 to 7.0 pounds of Isocil WT per 100 gallons of formulation. Treated plastics cannot be used to manufacture children's toys.

**TEXTILES, LAUNDRY, FABRIC, FABRIC SURFACES, FABRIC MILDEWCIDE (Not for Use in California)**

For use to prevent mildew in laundered fabric, treated fabric, treated fabric surfaces, and textiles. Use 0.13 to 0.26 pounds of Isocil WT per 100 pounds of treated fabric or textile. Use only to treat carpet-backing. Not for use in carpet fibers.

**AIR WASHER WATER (Not for Use in California)**

For use as a mildewcidal preservative to prevent fouling in industrial air washer systems.

**COOLING TOWER WATER (Not for Use in California)**

For use as a mildewcidal preservative to prevent fouling in water cooling systems when added to the reservoir, recirculating line or some other point to insure uniform mixing.

**EMULSIONS, POLYMERS, AND POLYURETHANE (Not for Use in California)**

For use as a mildewcidal preservative in the manufacture and storage of synthetic and natural rubber polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; polyurethane; and biopolymers intended for industrial use such as xanthan gum, gum Arabic, guar gum, protein derived polymers, starches and casein derived polymers. Use 1.0 to 7.0 pounds of Isocil WT per 100 gallons of formulation.

***(Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses. Chapter 13, Table 6 of the Label Review Manual states that for "All products in containers that could be burned," the registrant has the option to "Remain silent on burning;" therefore, no incineration language is provided for plastic containers.)***

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Store between 32 - 100°F. Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:**

Pesticide wastes are acutely 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.

***(Note to reviewer: This Container Statement will be used only for containers 5 gallons or less:)***

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container.

***(Plastic and Metal Containers:)*** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

*(For metal containers only: DO NOT cut or weld metal containers.)*

(Note to reviewer: This Container Statement will be used for containers over 5 gallons.)

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

**(Plastic Containers:)** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

**(Metal Containers:)** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations. DO NOT cut or weld metal containers.

**CONTAINER DISPOSAL: [100 -330 gallon Intermediate Bulk Containers (IBC), IBC tote, IBC tank or pallet tanks]** Non-Refillable container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with a pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling. Disposal of this container must be in compliance with state and local regulations.

**(Note to reviewer: For Refillable Containers. Chapter 13, Table 6 of the Label Review Manual states that for “All products in containers that could be burned,” the registrant has the option to “Remain silent on burning;” therefore, no incineration language is provided for plastic containers.)**

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Store between 32 - 100°F. Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:**

Pesticide wastes are acutely 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 Disposal:**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container.

**(Plastic or Metal Containers:)** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(For metal containers only: DO NOT cut or weld metal containers.)

**CONTAINER HANDLING: [FOR BULK SHIPMENTS SUCH AS PORTABLE TANKS]**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return to point of sale or offer for recycling if available or reconditioning if appropriate.