



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 29, 2018

Leesha N. Square
Regulatory Specialist
Lonza Inc.
412 Mt. Kemble Ave
Suite 200S
Morristown, NJ 07960

Subject: Notification per PRN 98-10 – Updating the storage and disposal directions
Product Name: Isocil RW
EPA Registration Number: 6836-239
Application Date: 10/31/2018
Decision Number: 546492

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.

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If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Aline Heffernan". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

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

ISOCIL RW

INDUSTRIAL MICROBICIDE FOR USE IN RECIRCULATING WATER COOLING TOWERS, WOOD, MOLD AND MILDEW CONTROL, PULP AND PAPER MILLS, OIL FIELD INJECTION WATERS AND AIR WASHER SYSTEMS

Active Ingredients:	
5-chloro-2-methyl-4-isothiazolin-3-one	10.80%
2-methyl-4-isothiazolin-3-one.....	3.83%
Inert Ingredients:.....	85.37%
Total.....	100.00%

NOTIFICATION

KEEP OUT OF REACH OF CHILDREN

6386-239

DANGER



POISON

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:

11/29/2018

(Danger, Poison and Skull/Crossbones will be printed in RED)

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.

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 convulsion may be needed.

SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS.

EPA Reg. No. 6836-239

EPA Est. No.

Net Contents: _____

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

MANUFACTURED FOR:

LONZA INC.

90 Boroline Rd.,

Allendale, NJ 07401

412 Mt. Kemble Avenue

Suite 200S

US – 07960 Morristown

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Fatal if absorbed through the skin. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders and others exposed to methylisothiazolinone products must wear:

- protective eyewear
- chemical-resistant gloves
- long-sleeve shirt and long pants
- chemical-resistant apron
- socks and chemical resistant footwear

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users must:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not apply in marine and/or estuarine oil fields. 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. Do not apply this product in a way that will contact workers or other persons.

Isocil RW aids in the control of bacterial, fungal and algal slimes in industrial recirculating cooling water systems, oil field injection waters, air washer systems, wood and wood products, and pulp and paper mills.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

To control bacteria, fungi and algae add Isocil RW to the tower basin, distribution box or other point that ensures uniform mixing. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

INITIAL DOSE: When the system is noticeably fouled, treat with 15 to 89 ppm of Isocil RW (2.25 to 13 ppm active), by adding 0.13 to 0.74 pounds or 1.6 to 9.1 fluid ounces of Isocil RW for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT INTERMITTENT DOSE: When microbial control is evident, treat with 3.4 to 24 ppm Isocil RW (0.5 to 3.5 ppm active), by adding 0.03 to 0.2 pounds or 0.37 to 2.5 fluid ounces of Isocil RW for every 1,000 gallons of system water. Repeat dosage 2 to 3 times per week, or as frequently as needed to maintain biocontrol.

SUBSEQUENT CONTINUOUS FEED DOSE: When microbial control is evident, treat with 3.4 to 24 ppm Isocil RW (0.5 to 3.5 ppm active), by adding continuously 0.03 to 0.2 pounds or 0.37 to 2.5 fluid ounces of Isocil RW for every 1,000 gallons of system makeup water.

OIL FIELD INJECTION WATERS

Isocil RW controls slime-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection, drilling, fracturing and completion fluids. This product may be used for terrestrial and off-shore drilling muds and packer fluids.

INITIAL DOSE: When the system is noticeably fouled, treat with 15 to 89 ppm of Isocil RW (2.25 to 13 ppm active), by adding 5.4 to 31 pounds or 0.6 to 3.5 gallons of Isocil RW for every 1,000 barrels of system water. Repeat slug dosage every three days, or as frequently as needed to achieve microbial control.

SUBSEQUENT DOSE: When microbial control is evident, treat with 3.4 to 24 ppm of Isocil RW (0.5 to 3.5 ppm active), by adding 1.2 to 8.4 pounds or 0.1 to 0.9 gallon of Isocil RW for every 1,000 barrels of system water. Repeat slug dosage every seven days, or as frequently as needed to maintain control.

AIR WASHER SYSTEMS

Add Isocil RW to the air washer or chill water sump to insure uniform mixing. Use only in industrial air washer systems that maintain effective mist eliminating components. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

INITIAL DOSE: When the system is noticeably fouled, treat with 15 to 89 ppm of Isocil RW (2.25 to 13 ppm active), by adding 0.13 to 0.74 pounds or 1.6 to 9.1 fluid ounces of Isocil RW for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT INTERMITTENT OR SLUG DOSE: When microbial control is evident, treat with 3.4 to 24 ppm Isocil RW (0.5 to 3.5 ppm active), by adding 0.03 to 0.2 pounds or 0.37 to 2.5 fluid ounces of Isocil RW for every 1,000 gallons of system water. Repeat dosage weekly, or as frequently as needed to maintain biocontrol.

SUBSEQUENT CONTINUOUS FEED DOSE: When microbial control is evident, treat with 3.4 to 24 ppm Isocil RW (0.5 to 3.5 ppm active), by adding continuously 0.03 to 0.2 pounds or 0.37 to 2.5 fluid ounces of Isocil RW for every 1,000 gallons of system makeup water.

WOOD AND WOOD PRODUCTS

Isocil RW is used for the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, cross ties, decks, and similar exterior structures from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine hemlock, ponderosa pine and other soft woods, treat with 27 to 86 ppm of Isocil RW (4.0 to 12.6 ppm active), by adding 0.23 to 0.72 pounds or 2.8 to 8.9 fluid ounces of Isocil RW for every 1,000 gallons. Thoroughly wet and allow to dry. A single application will provide protection for 12 weeks. Under extreme mildew conditions, treat with 160-330 ppm (24-48 ppm active) by adding 1.4 to 2.7 pounds or 17-33 fluid ounces of Isocil RW for every 1,000 gallons of wood treatment solution. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

PULP AND PAPER MILLS

Add Isocil RW to a point in the system, such as the Beater, Hydropulper, or Fan or Broke storage pumps, that insures uniform mixing. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

DOSAGE: Add 0.05 to 0.15 pounds of Isocil RW per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary.

Isocil RW weighs 10.4 pounds per gallon.

(Note to reviewer: For Nonrefillable Containers for -Ready-To-Use Product 5 gallons or less – no container rinsing directions, not a dilutable per PRN 2007-4)

STORAGE AND DISPOSAL

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

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

(Note to reviewer: For Nonrefillable Containers for -Ready-To-Use Product over 5 gallons – no new container rinsing directions, not a dilutable per PRN 2007-4)

STORAGE AND DISPOSAL

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

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure, the product is packaged in a specially vented container. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent.

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:

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

(Metal Containers:) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. DO NOT cut or weld metal containers.

(Plastic Containers:) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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.

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.