

6836-239

12/16/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Lonza, Inc.  
90 Boroline Road  
Allendale, N. J. 07401

DEC 16 2009

Attention: Joanna Holcombe

Subject: Isocil RW  
EPA Registration No. 6836-239  
Notification Dated November 17, 2009

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

**Proposed Notification**

- To update the container handling statement per PR Notice 2007-4
- To update the company's name and address
- To update the establishment numbers

**General Comment**

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha L. Terry at (703) 308-6217.

Sincerely

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

2007

<b>EPA</b> Environmental Protection Agency Washington, DC 20460	United States <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section 1**

1. Company/Product Number <b>6836-239</b>	2. EPA Product Manager <b>Marshall Swindell</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Isocil RW</b>	PM# <b>33</b>	
5. Name and Address of Applicant (Include ZIP Code) Lonza Inc. 90 Boroline Road Allendale, NJ 07401  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(d)(3)(b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. Product Name	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**\*Not Subject to PRIA\***

Label Notification to update Storage and Disposal language per PR Notice 2007-4.

**PLEASE READ COVER LETTER FOR DETAILS.**

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature: Joanna Holcombe Date: 11/17/09

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No <i>*Certification must be submitted</i>	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.      No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt.      No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Joanna Holcombe</b>	Title <b>Sr. Commercial Regulatory Services Associate</b>	Telephone No. (Include Area Code) <b>201-316-9297</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <u>Joanna Holcombe</u>	3. Title <b>Sr. Commercial Regulatory Services Associate</b>	
4. Typed Name <b>Joanna Holcombe</b>	5. Date <b>November 17, 2009</b>	

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Via FedEx

Mr. Marshall Swindell, PM-33  
Document Processing Desk (NOTIFY)  
Office of Pesticide Programs (7504P)  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2227 S. Crystal Drive  
Arlington, VA 22202

Lonza Inc  
Allendale  
90 Boroline Road  
Allendale, NJ 07401, USA

Joanna Holcombe  
Lonza Life Science Ingredients  
Commercial Regulatory Services

Tel 201-316-9297  
Fax 201-696-3470  
joanna.holcombe@lonza.com

Joanna Holcombe  
November 17, 2009

**SUBJECT: Isocil RW, EPA Reg. No. 6836-239  
Application for Label Notification**

Dear Mr. Swindell:

I am submitting an application to accomplish the following for the above named product:

- Add optional barcode, "country of origin" statement, and "manufactured in" statement;
- Update the Lonza address;
- Remove the term recommended and replace the term should with "must" per PR Notice 2000-5; and
- Update the Storage and Disposal language per PR Notice 2007-4.

Please note that we see this product as an RTU and as a result, we are adding only the applicable parts of the Container Disposal PR Notice, 2007-4.

Please find the enclosed documents in support of this notification:

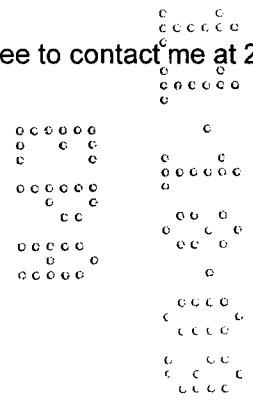
- Application for Notification;
- One copy of the proposed label with changes highlighted; and
- Two copies of the proposed label.

If you have any questions or need any additional information, please feel free to contact me at 201-316-9297.

Sincerely,  
Lonza Inc.

*Joanna Holcombe*

Joanna Holcombe  
Sr. Commercial Regulatory Services Associate



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# 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%

KEEP OUT OF REACH OF CHILDREN

## DANGER



### POISON



*(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)]

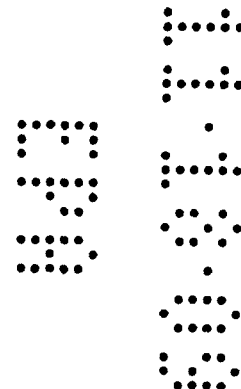
[Barcode]

MANUFACTURED FOR:

LONZA INC.

90 Boroline Rd.

Allendale, NJ 07401



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**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.

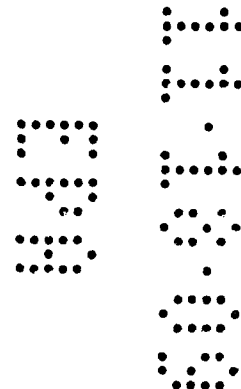
**USER SAFETY RECOMMENDATIONS**

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.



leaf 7

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

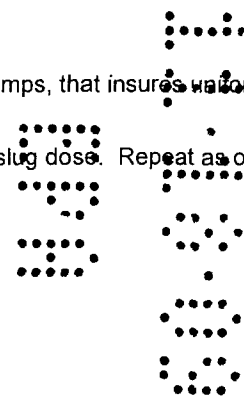
Isocil RW is used for the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, cross ties, decks, and similar exterior structures from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine hemlock, ponderosa pine 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.



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~~(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.~~

