

PM 31

6836-257

10/4



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

6836-257

Date of Issuance:

APR 03 1997

Term of Issuance: Conditional

Name of Pesticide Product: ISOCIL

RW 5.0

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. "6836-257".
- b. Submit a revised Confidential Statement of Formula and for inert ingredient Cupric Nitrate enter the purpose in formulation.
- c. Delete statement "Measures against circulatory shock, respiratory depression and convulsions may be needed".

Submit two (2) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

Signature of Approving Official:

*M. Swindell PM 31/AD/OPP*

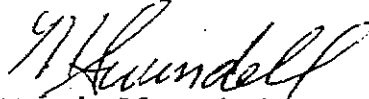
Date:

APR 03 1997

A stamped copy of the label is enclosed for your records.

If you have any question about these comments, please call  
Drusilla Copeland at (703) 308-6224.

Sincerely,



Marshall Swindell  
Acting Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7505W)

Enclosure

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

REC'D 12/12/96 DP01

## DANGER

## CORROSIVE

CAUSES EYE DAMAGE AND SKIN BURNS

PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS

HARMFUL IF INHALED

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN

'97 JAN 22 A9:58

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Avoid breathing vapor or mist.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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.

## STORAGE AND DISPOSAL

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

The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure, the product is packaged in specially vented containers. 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 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

**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.

**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.

## GENERAL

Consult Federal, State or local disposal authorities for approved alternative procedures.

## ISOCIL RW 5.0

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	3.69%
2-Methyl-4-isothiazolin-3-one	1.31%
INERT INGREDIENTS:	95.00%
TOTAL	100.00%

## KEEP OUT OF REACH OF CHILDREN

## DANGER

## STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**IF ON SKIN:** Wash thoroughly with soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.

## 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 ADDITIONAL PRECAUTIONARY STATEMENTS.

Lot

Drum

ACCEPTED  
with COMMENTS  
to EPA Letter Dated

APR 03 1997

## MANUFACTURED FOR:

LONZA INC.

17-17 ROUTE 208

FAIR LAWN, NJ 07410

EPA Reg. No. 6836- ELT

EPA Est. No.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 6836-257

304

**DIRECTIONS FOR USE**

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

Isocil RW 5.0 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 COOLING WATER SYSTEMS**

To control bacteria, fungi and algae, add Isocil RW 5.0 to the tower basin, distribution box, or other point that insures 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 45 to 260 ppm of Isocil RW 5.0 (2.25 to 13 ppm active), by adding 0.38 to 2.2 pounds or 5.4 to 31 fluid ounces of Isocil RW 5.0 for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

**SUBSEQUENT DOSE**

When microbial control is evident, treat with 10 to 70 ppm of Isocil RW 5.0 (0.5 to 3.5 ppm active), by adding 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of Isocil RW 5.0 for every 1,000 gallons of system water. Repeat dosage 2 to 3 times per week, or as frequently as needed to maintain biocontrol.

**OIL FIELD INJECTION WATERS**

Isocil RW 5.0 controls slime-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection, drilling, fracturing and completion fluids.

**INITIAL DOSE**

When the system is noticeably fouled, treat with 45 to 260 ppm of Isocil RW 5.0 (2.25 to 13 ppm active), by adding 16 to 91 pounds or 1.8 to 10 gallons of Isocil RW 5.0 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 10 to 70 ppm of Isocil RW 5.0 (0.5 to 3.5 ppm active), by adding 3.5 to 25 pounds or 0.4 to 2.7 gallons of Isocil RW 5.0 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 5.0 to the air washer or chill water sump to insure uniform mixing. Use only in industrial airwasher 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 45 to 260 ppm of Isocil RW 5.0 (2.25 to 13 ppm active) by adding 0.38 to 2.2 pounds or 5.4 to 31 fluid ounces of Isocil RW 5.0 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 10 to 70 ppm of Isocil RW 5.0 (0.5 to 3.5 ppm active), by adding 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of Isocil RW 5.0 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 10 to 70 ppm of Isocil RW 5.0 (0.5 to 3.5 ppm active), by adding continuously 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of Isocil RW 5.0 for every 1,000 gallons of system makeup water.

**WOOD AND WOOD PRODUCT**

Isocil RW 5.0 is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, 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 263 to 840 ppm of Isocil RW 5.0 (4.0 to 12.6 ppm active) by adding 0.7 to 2.1 pounds or 10 to 30 fluid ounces of Isocil RW 5.0 for every 1,000 gallons. Thoroughly wet and allow to dry. A single application will provide protection for 12 weeks.

**PULP AND PAPER MILLS**

Add Isocil RW 5.0 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 0.13 to 0.45 pounds of Isocil RW 5.0 per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary.

Isocil RW 5.0 weighs 8.95 pounds per gallon.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 03 1997

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

6836-557

4404