



006836-00240-062900

Printed: 07:47:46 Thursday, 13 Jul, 2000 # 9 / 9037

Systems Integration Group, Inc.



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

EPA Reg. Number:

6836-240

Date of Issuance:

JUN 29 2000

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Isocil MW-14

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.  
17-17 Route 208  
Fair Lawn, N.J. 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 the 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment::

- 1. Change the Statement of Practical Treatment heading to "First Aid".

Signature of Approving Official:

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Date:

JUN 29 2000

Page 2

2. Revise the "First Aid" section to read:

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. Call a poison control center or doctor for treatment advices.

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 by a poison control center or doctor.

IF ON SKIN:

Take off contaminate clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

2. The word "POISON" and the "Skull and Crossbones" symbol must be added to the label. The word Poison must be in Red on contrasting background.

3. Revise the precautionary statements to include the following phrases:

"Fatal if absorbed through skin" and "Prolonged or frequently repeated skin contact may cause allergic reaction in some individual".

Page 3

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

A stamped copy is enclosed for your records.

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

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS  
THIS PRODUCT MAY CAUSE SKIN SENSITIZATION REACTIONS IN SOME PEOPLE  
MAY BE FATAL IF SWALLOWED  
HARMFUL IF INHALED**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor.

**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
- shoes plus socks

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 should:

- 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 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.

**ISOCIL MW-14**

INDUSTRIAL MICROBICIDE FOR USE IN METALWORKING FLUIDS, METAL CLEANING FLUIDS, HYDRAULIC FLUIDS, RECIRCULATING ELECTRODEPOSITION SYSTEMS AND AS AN INDUSTRIAL PRESERVATIVE

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**

STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.  
**IF ON SKIN:** Wash thoroughly with soap and water. Get medical.  
**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.

**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 ADDITIONAL PRECAUTIONARY STATEMENTS.**

LOT  
DRUM

Net Contents: \_\_\_\_\_

MANUFACTURED FOR:  
LONZA INC.  
17-17 ROUTE 208  
FAIR LAWN, NJ 07410

EPA Reg. No. 6836-240  
EPA Est. No.

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**JUN 29 2000**

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

**6836-240**

4  
976

### 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.

### METAL WORKING FLUID PRESERVATION

Isocil MW-14 microbiocide is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metal working fluids.

For the maintenance of a nonfouled system, use Isocil MW-14 at 3.5 fluid ounces (0.3 lbs.) per 1000 gallons of emulsion every 4 weeks or 3.5 - 16 fluid ounces (0.3-1.3 lbs.) per 1000 gallons of emulsion every 8-12 weeks. For a noticeably fouled system use an initial dose of 7-16 fluid ounces (0.6-1.3 lbs.) per 1000 gallons of emulsion to be followed by subsequent maintenance dosages depending upon treatment interval noted above. A higher dosage and/ or increased frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

Isocil MW-14 should be dispensed into the use-solution of the metalworking fluid using a metering pump and uniformly dispersed throughout the system.

### METAL CLEANING FLUID PRESERVATION

Isocil MW-14 microbiocide is recommended as a preservative for use in the manufacture and use of alkaline acid and emulsion-based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations.

For addition to a metal cleaning concentrate, add Isocil MW-14 microbiocide at a level to ensure that the final use-dilution fluid will contain 56 to 225 ppm product (6.25 - 25 ppm active isothiazolones).

For direct addition to a fouled system, add 7.2-29 fluid ounces (0.6-2.3 lbs.) of Isocil MW-14 microbiocide to each 1000 gallons of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 56 to 225 ppm product (6.25 - 25 ppm active isothiazolones). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

Isocil MW-14 should be dispensed into the use-dilution of the metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

### WATER-BASED HYDRAULIC FLUID PRESERVATION

Isocil MW-14 microbiocide is recommended as a preservative for use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume of mineral oil using an oil-soluble emulsifying agent.

For maintenance of a non-fouled system, use Isocil MW-14 microbiocide at 12-15 fluid ounces (1.0-1.2 lbs.) per 1000 gallons fluid every 8 weeks. For noticeably fouled system use an initial dose of 15-25 fluid ounces (1.2-2.0 lbs.) per 1000 gallons of fluid followed by subsequent maintenance dosage. A higher dosage range and/ or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

Isocil MW-14 should be dispensed into the use-dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.

ISOCIL MW-14 (#6836-240) \ Label for Reregistration \ September 15, 1999

### TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS:

Isocil MW-14 microbiocide should be dispensed into the recirculating rinse system, ultrafilter permeate or final distilled rinse system at a point to ensure uniform mixing.

**INITIAL DOSE:** When the system is noticeably fouled, add 89-313 ppm Isocil MW-14 microbiocide (0.7-2.5 gallons per 10,000 gallons of fluid in the system). This will provide 10 to 35 ppm of active ingredient. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add 45-134 ppm Isocil MW-14 microbiocide (0.4-1.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed to maintain the system. This will provide 5-15 ppm of active ingredient. A change of frequency of treatment may be required depending upon the rate of dilution of the preservative with the makeup fluid, the nature of severity of contamination, level of control required, filtration effectiveness, system design, etc.

### TREATMENT OF ELECTRODEPOSITION PAINT COMPONENTS

**INITIAL DOSE OF PAINT COMPONENTS:** Isocil MW-14 should be added to the resin, pigment or other component of the electrodeposition paint at a level to ensure that the final use-dilution will contain 45-313 ppm product (5-35 ppm active ingredient).

### SUPPLEMENTAL TANKSIDE DOSING OF ELECTRODEPOSITION SYSTEM:

If additional microbial control is necessary, Isocil MW-14 microbiocide may be added to the electrodeposition system tankside to supplement microbiocide incorporated through paint components.

If a system becomes noticeably fouled, add 89-313 ppm of Isocil MW-14 microbiocide (0.7-2.5 gallons per 10,000 gallons of fluid in the system). This will provide 10-35 ppm of active ingredient. Repeat until control is achieved.

When microbial control is evident, the system can be maintained by addition of 45-134 ppm Isocil MW-14 microbiocide (0.4-1.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed. This will provide 5-15 ppm of active ingredient.

**NOTE:** Regardless of the manner of incorporation the total active ingredient level in the system should not exceed 35 ppm (equivalent to 313 ppm Isocil MW-14 or 2.5 gallons per 10,000 gallons system fluid).

### INDUSTRIAL PRESERVATIVE:

Isocil MW-14 preserves and aids in the control of bacteria and fungi in water-based paints and coatings, water-soluble and water-dispersed adhesives (animal or vegetable glues, natural or rubber latices, synthetic polymer latices, tackifiers derived from rosin and hydrocarbon resins). Add 0.05-0.4 lbs. of Isocil MW-14 to each 1000 lbs. of product to be treated to provide 7.5-60 ppm of active isothiazolones.

Isocil MW-14 preserves and controls the growth of bacteria in the manufacture and storage of dispersed pigments, such as kaolin clays, titanium dioxide and calcium carbonate. Add 0.1-0.3 lbs. of Isocil MW-14 to each 1000 lbs. of product to provide 15-45 ppm active isothiazolones. Isocil MW-14 can be used as a preservative for pesticide products applied to growing crops. Add up to 0.015 lbs. (2.25 ppm active isothiazolones) to each 1000 lbs. of product.

Isocil MW-14 microbiocide weighs 10.4 lbs./gal.

JUN 29 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No. 6836-240

5  
7  
9

**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 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 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.

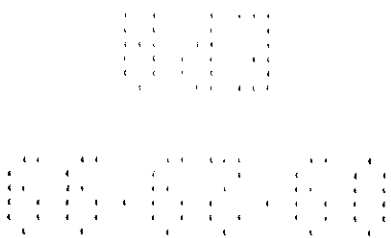
**PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 29 2000

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

6836-240



9.9.9