



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

EPA Reg. Number:
6836-259

Date of Issuance:
JUN 13 1997

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Isocil IG-C

(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/Registration 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. 6836-259".

b. Submit two copies of the revised final printed label for the record.

3. The Confidential Statement of Formula dated March 6, 1997 is in compliance with PR Notice 95-2, agrees with the label and is acceptable.

Signature of Approving Official:

Marshall Swindell, Acting PM-33
Regulatory Management Branch I
Antimicrobial Division (7510W)

Date:

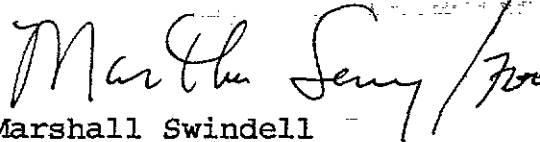
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Pam Hasty at (703) 308-7933.

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobial Division (7510W)

Enclosure

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5/14/97
ISOCIL IG C DRAFT LABEL
EPA FILE SYMBOL 6836 ELO

ISOCIL IG-C

MICROBICIDE
IN-CONTAINER AND INDUSTRIAL PRESERVATIVE

Active Ingredients	
5 Chloro-2-methyl-4-isothiazolin 3-one	1.11%
2-methyl-4-isothiazolin-3 one	0.39%
Inert Ingredients	<u>98.50%</u>
	100.00%

KEEP OUT OF REACH OF CHILDREN
DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY AND PRACTICAL
TREATMENT STATEMENTS

Manufactured for
LONZA INC
17-17 ROUTE 208
FAIR LAWN, NJ 07410

NET CONTENTS _____

EPA Reg No 6836-
EPA Est No 6836-IL-1

ACCEPTED
with COMMENTS
in EPA Letter Dated.
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Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No
6836-259

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DIRECTIONS FOR USE

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

Isocil IG C is recommended as an in-container preservative for the control of bacteria and fungi in industrial and household consumer products including all purpose liquid cleaners, polishers and anti tarnish products, air fresheners and carpet shampoos prespotters, liquid dishwashing detergents, automotive appearance products such as cleaners, wax and polishes, liquid laundry products package utility products such as premoistened sponges and mops, paints and coatings

Isocil IG C preserves and controls the growth of bacteria and fungi in adhesives, polymer emulsions and natural latex, surfactant solutions, mineral and pigment slurries and dispersions, water based building compounds, caulks and sealants, pesticides for non food applications, including fungicides herbicides, insecticides, repellents and biopesticides

Add 0.5 to 4.0 lbs Isocil IG C (227 - 1814 g) to each 1000 lbs (463.6 kg) of product to be treated to provide 8 - 63 ppm active isothiazolones. To ensure uniform distribution slowly disperse Isocil IG C into product with agitation. Mix thoroughly until evenly dispersed throughout product.

METALWORKING FLUID PRESERVATION

Isocil IG C 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 IG C at 33 fl ounces (2.2 lbs) per 1000 gallons of emulsion every 4 weeks or 33.141 fl ounces (2.295 lbs) per 1000 gallons of emulsion every 8 - 12 weeks

For a noticeably fouled system use an initial dose of 66.141 fl ounces (4.595 lbs) per 1000 gallons of emulsion to be followed by subsequent maintenance dosages depending upon the 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 IG C 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 IG-C 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 IG C at a level to ensure that the final use dilution fluid will contain 420 - 1670 ppm product (6.25 - 25 ppm active isothiazolones)

For direct addition to a fouled system, add 52.5 - 210 fl ounces (3.6 - 14.4 lbs.) of Isocil IG C to each 1000 gallons of use dilution metal cleaning fluid every 3 to 4 weeks to provide 420 - 1670 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 IG C should be dispensed into the use dilution of the metal cleaning fluid using a metering pump and uniformly dispersed throughout the system

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WATER-BASED HYDRAULIC FLUID PRESERVATION

Isocil IG C 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 water in 60% by volume of mineral oil using an oil soluble emulsifying agent

For maintenance of a non fouled system, use Isocil IG C at 108 - 133 fl ounces (7.3 - 9.0 lbs) per 1000 gallons fluid every 8 weeks

For a noticeably fouled system use an initial dose of 133 - 224 fl ounces (9.0 - 15.1 lbs) per 1000 gallons 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 IG C should be dispensed into the use dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system

AIR WASHER SYSTEMS

Add Isocil IG C to the air washer sump 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 150 to 867 ppm of Isocil IG C (2.25 to 13 ppm of active) by adding 19 to 109 fl ounces (1.3 to 7.2 lbs) of Isocil IG C for every 1000 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 33 to 233 ppm of Isocil IG C (0.5 to 3.5 ppm active) by adding 4.2 to 29 fl ounces (0.28 to 1.9 lbs) of Isocil IG C for every 1000 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 33 to 233 ppm of Isocil IG C (0.5 to 3.5 ppm active) by adding 0.28 to 1.9 lbs or 4.2 to 29 fl ounces of Isocil IG C for every 1000 gallons of system makeup water. Repeat dosage weekly, or as frequently as needed to maintain biocontrol

INDUSTRIAL PROCESS WATER SYSTEMS:

Isocil IG-C is recommended as a preservative for the control of bacteria and fungi in pretreatment system and process waters used for washing metal or plastic parts and/or paint reduction. Add Isocil IG C to some other point in the system to insure uniform mixing. Badly fouled systems must be pre-cleaned before treatment is begun

INITIAL DOSE When the system is noticeably fouled, add 2.46 to 7.46 lbs (37 to 113 fl ounces) of Isocil IG C to each 1000 gallons of water in the system. Repeat until control is achieved

SUBSEQUENT DOSE When microbial control is evident, add 1.25 to 1.86 lbs (19 to 28 fl ounces) of Isocil IG C to each 1000 gallons of water in the system weekly or as needed to maintain control

ELECTRODEPOSITION SYSTEMS

Isocil IG C is recommended as a tankside additive for the control of bacteria, fungi and algae in recirculating electrodeposition systems and associated rinse systems

Isocil IG C may also be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system

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TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS:

Isocil IG-C 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 667 - 2333 ppm Isocil IG-C (6.7 - 23 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 333 - 1000 ppm Isocil IG-C (3.3 - 10 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 and severity of contamination, level of control required, filtration effectiveness, system design, etc.

TREATMENT OF ELECTRODEPOSITION PAINT COMPONENTS

INITIAL DOSE OF PAINT COMPONENTS:

Isocil IG-C 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 333 - 2333 ppm product (5-35 ppm active ingredient).

SUPPLEMENTAL TANKSIDE DOSING OF ELECTRODEPOSITION SYSTEM:

If additional microbial control is necessary, Isocil IG-C may be added to the electrodeposition system tankside to supplement microbicide incorporated through paint components.

If the system becomes noticeably fouled, add 667 - 2333 ppm Isocil IG-C (6.7 - 23 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.

When microbial control is evident, add 333 - 1000 ppm Isocil IG-C (3.3 - 10 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.

NOTE: Regardless of the manner of incorporation the total active ingredient level in the system should not exceed 35 ppm (equivalent to 2333 ppm Isocil IG-C or 23 gallons per 10,000 gallons system fluid).

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

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

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Get medical attention.

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IF SWALLOWED: Call a doctor or get medical attention. Promptly drink a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration, preferably mouth to mouth. Get medical attention.

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

ENVIRONMENTAL HAZARDS

This product 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. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

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

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 of 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.

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