



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7504C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
6836-259

Date of Issuance:
OCT 04 2000

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.

Based on your response to the Reregistration Eligibility Document for Methylisothiazolinone, 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.

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

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 6836-259".
- b. Place the appropriate EPA Establishment No. on the product labeling.

Signature of Approving Official:

Marshall Swindell, Product Manager 33,
RMBI, AD

Date:

OCT 04 2000

- c. The word, PELIGRO, should be added to the product labeling, following the signal word.
- d. Change the subheading, Statement of Practical Treatment to First Aid.
- e. Revise the First Aid statements to read as follows:

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 advice.

IF ON SKIN OF CLOTHING:

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice

Have a person sip a glass of water if able to swallow

Do not induce vomiting unless told to do so by poison control center or doctor

For additional information in case of emergency call toll free (Telephone Number).

Have the product container or label with you when calling a poison control center or doctor for treatment advice.

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.

f. Add the following statements to the, Note to Physician section to read as follows:

- technical information on symptoms,
- use of supportive treatments to maintain life functions,
- medicine that will counteract the specific physiological effects of the pesticide,
- company telephone number to specific medical personnel who can provide specialized medical treatment.

g. Modify the Hazards to Humans and Domestic Animals section to read as follows:

DANGER PELIGRO

Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove Contaminated clothing and wash before reuse.

h. Add a Personal Protective Equipment (PPE) section to the product labeling to read as follows:

Mixers, loaders, and others exposed to this product must wear:

- coveralls over long-sleeved shirt and long pants,
- chemical resistant gloves (such as or made of any waterproof material
- socks and chemical resistant footwear,
- goggles or face shield, and
- chemical resistant apron.

i. Place the Physical and Chemical Hazards section under the Environmental Hazards section to read as follows:

Physical and Chemical Hazards:

This product has the potential to evolve gas (largely carbon dioxide) during distribution, storage, use and disposal.

k. Place the Storage and Disposal section directly below the misuse statement to read as follows:

Storage and Disposal

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

PESTICIDE STORAGE: The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure the product in the original package when not in use. Container must be stored and transported in an up-right position to prevent spilling the contents through the vent.

PESTICIDE DISPOSAL: Pesticide wastes are acute hazardous.....at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

METAL CONTAINERS: Triple rinseand local authorities.

PLASTIC CONTAINERS: Triple rinse....stay out of smoke.

GENERAL.....APPROVED ALTERNATIVE PROCEDURES.

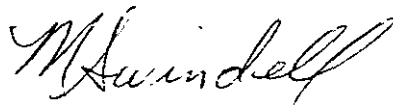
3. Submit two copies of the revised final printed label for the record.

The Confidential Statement of Formula dated September 15, 1999, is acceptable.

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.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7505C)

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
HARMFUL IF SWALLOWED OR 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.

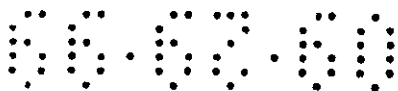
USER SAFETY RECOMMENDATIONS

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 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:	98.50%
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 attention.
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

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

EPA Reg. No. 6836-25⁹
EPA Est. No.

Net Contents: _____

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 2000

Under the Federal Insecticide,
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 a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

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; polishes and anti-tarnish products; air fresheners and carpet shampoos; pre-spotters; liquid dishwashing detergents; automotive appearance products such as cleaners, wax and polishes; liquid laundry products; package utility products such as pre-moistened sponges and mops; paints and coatings. Isocil IG-C preserves and controls the growth of bacteria and fungi in adhesives, polymer emulsions, 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.

METAL WORKING FLUID PRESERVATION

Isocil IG-C 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 IG-C at 33 fluid ounces (2.2 lbs.) per 1000 gallons of emulsion every 4 weeks or 33-141 fluid ounces (2.2-9.5 lbs.) per 1000 gallons of emulsion every 8-12 weeks. For a noticeably fouled system use an initial dose of 66-141 fluid ounces (4.5-9.5 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 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 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 IG-C microbiocide 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 working system, add 52.5-210 fluid ounces (3.6-14.4 lbs.) of Isocil IG-C microbiocide 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.

WATER-BASED HYDRAULIC FLUID PRESERVATION

Isocil IG-C 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 IG-C microbiocide at 108-133 fluid ounces (7.3-9.0 lbs.) per 1000 gallons fluid every 8 weeks. For noticeably fouled system use an initial dose of 133-224 fluid ounces (9.0-15.1 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 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 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 active), by adding 19 to 109 fluid ounces (1.3 to 7.2 pounds) of Isocil IG-C 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 33 to 233 ppm Isocil IG-C (0.5 to 3.5 ppm active), by adding 4.2 to 29 fluid ounces (0.28 to 1.9 pounds) of Isocil IG-C 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 33 to 233 ppm Isocil IG-C (0.5 to 3.5 ppm active), by adding continuously 4.2 to 2.9 fluid ounces (0.28 to 1.9 pounds) of Isocil IG-C for every 1,000 gallons of system makeup water.

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 precleaned before treatment is begun.

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

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

ACCEPTED
with COMMENTS
in EPA Letter Date

OCT 04 2000

under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. 6836-259

6836-259

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.

TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS

Isocil IG-C 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 667-2333 ppm Isocil IG-C microbiocide (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 of 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 microbiocide may be added to the electrodeposition system tankside to supplement microbiocide incorporated through paint components.

If a 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 10-35 ppm of active ingredient. Repeat until control is achieved.

When microbial control is evident, the system can be maintained by addition of 333-1000 ppm Isocil IG-C (3.3-10 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 2333 ppm Isocil IG-C or 23 gallons per 10,000 gallons system fluid).

Isocil IG-C weighs 8.50 pounds per gallon.

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:

OCT 04 2000

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

6836-269

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