

5383-141 8/10/2011

1/7



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
5383-141

Date of Issuance:
AUG 10 2011

Term of Issuance:
Conditional

Name of Pesticide Product:
Mergal MC14

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Adrian Krygsman
Troy Chemical Company
C/o Troy Corporation
8 Vreeland Road
Florham Park, N.J. 07932

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 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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the "EPA Registration Number to read, "EPA Reg. No. 5383-141".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

% for
Marshall Swindell

Date:

AUG 10 2011


Page 2
EPA Reg. No. 5383-141

- b. Under the Directions for Use section, qualify "Dispersed Pigment".
- c. Under the Directions for Use section, the use "In can Preservation for Industrial and Household Consumer Products" must be deleted or qualified. The present language is vague. In addition, the language could infer that the product can be used in pesticide formulations that can come in contact with food. A dietary assessment for food contact on the combined active ingredients for this product has not been conducted.
- d. Under the Directions for Use section, qualify "Recirculating Electrode Systems".

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. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,


C/O for Marshall Swindell
Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

P. 1
3/7

MERGAL® MC14

Microbiocide for Use in Adhesives, Building Materials
Fuels, Dispersed Pigments, Inks, Metalworking Fluids,
Oilfield Injection Waters, Papermills, Paints and Coatings,
Latices, Printing Fluids, Slurries, and In-container
Preservation

EPA Reg. No. 5383-

EPA Est. No. 5383-

ACTIVE INGREDIENT:

5-Chloro-2-methyl-4-isothiazolin-3-one.....11.1%

2-Methyl-4-isothiazolin-3-one.....3.5%

INERT INGREDIENTS..... 85.4%

TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SOLD FOR INDUSTRIAL USE

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY
STATEMENTS

ACCEPTED
with conditions
to EPA side noted:
AUG 10 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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5383-141

IN CASE OF EMERGENCY CALL 1-800-424-9300

TROY CHEMICAL COMPANY, LTD.

242 Applewood Crescent, Unit 14

Concord, Ontario L4K 4E5 Canada

1-800-461-9364

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin or swallowed. May cause allergic reaction. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical resistant gloves and chemical resistant apron. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants. 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 exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly. This product may cause skin sensitization in some people.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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 INHALED	<ul style="list-style-type: none"> • 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 treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 a Poison Control Center or doctor. • Do not give anything by mouth to an unconscious person.
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 following ingestion. Measures against circulatory shock, respiratory depression and convulsion may be needed.	

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5383-191

ENVIRONMENTAL HAZARDS

This chemical is toxic to 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.

DIRECTIONS FOR USE

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

For control of bacteria and fungic of the commodities listed below:

- Adhesives and tackifiers,
- Building Materials (stuccos, cement admixtures, gypsum board)
- Fuel preservation
- Dispersed Pigments (Qualify)
- In-Can Preservation for Industrial and Household Consumer Products (Delete or Qualify)
- Metal working Fluids
- Oilfield Injection Waters
- Latices (acrylic, styrene-butadiene, carboxylated, ethylene/vinyl acetate, biopolymers)
- Paints and Coatings
- Papermills
- Printing Inks, Fountain solutions
- Recirculating Electrode Systems-(electrophoretic systems) (Qualify)
- Slurries

See accompanying product information sheet for additional rates and directions for use.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of federal law. If these wastes can not 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 HANDLING: Nonrefillable container: Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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5383-141



p. 4
6/7

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**Product Information Sheet
Mergal MC14**

This document must accompany each shipment of Mergal MC14

DIRECTIONS FOR USE

Preservative for Adhesives/Tackifiers: For control of bacteria in water soluble and water dispersed adhesives such as animal and vegetable glues, PVA, styrene-butadiene and acrylic lattices. Add 0.06-0.22 lb. Mergal MC14 (25-102 g) to each 1000 lb. of fluid to provide 8.0 ppm – 32 ppm of active ingredient. Higher levels (up to 45 ppm) active ingredient may be required for products stored under high heat and/or humidity conditions.

Building Materials (stuccos, cement admixtures, gypsum board): Add 0.05-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 7-32 ppm of active ingredient.

Fuel Preservation: Add 0.05-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 7-32 ppm of active ingredient.

Dispersed Pigments: For control of bacteria in dispersed pigments (e.g. kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium or barium sulfate, silicate) used in paint and coatings add 0.06-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 8.0-32 ppm active ingredient.

In-Can Preservation for Industrial and Household Consumer Products: Add 0.06-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 8.0-32 ppm active ingredient. A higher dosage rate providing up to 45 ppm active ingredient may be required for high temperature and humidity conditions.

Metal-working Fluids: For use in soluble and emusifiable type aqueous fluids and emulsions add 3.5 fluid ounces (0.3 lb.) per 1000 gallons every four weeks or 3.5-16 fluid ounces (0.3-1.3 lb.) per 1000 gallons of emulsion for maintenance of the system. Higher rates and frequency of use may be required depending on the conditions of use, level of control desired, and system design. Mergal MC14 should be added using a metering pump and mixed throughout the system.

p. 5
7/7

Oilfield Injection Waters: Slug treat with 7-36 ppm Mergal MC14 depending on the severity of contamination. Initial dose: Add 14-28 ppm Mergal MC14 (0.57-1.2 gallon or 6.2-12.5 lb. Mergal MC14 per 1000 barrels of water) at a point in the system where it will be uniformly mixed and dispersed. Repeat treatment after three days or as needed until control is achieved. Subsequent Dose: Add 5.5-14 ppm Mergal MC14 (0.22-1.2 gallon or 2.4-6.2 lb. Mergal MC14 per 1000 barrels of water) every seven days or as need for control.

Latices: Add 0.06-0.45 lb. (25-205 g) of Mergal MC14 to each 1000 lb. of emulsion to provide 8-63.5 ppm active ingredient. May be added to concentrates of these products which are diluted to a final concentration of not more than 63.5 ppm active ingredient.

Paint and Coatings: Add 0.06-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 8.0-32 ppm active ingredients. A higher dosage rate providing up to 45 ppm active ingredients may be required for high temperature and humidity conditions.

Papermills: Add Mergal MC14 to the Beater, Hydropulper or Fan or Broke storage pumps to ensure thorough mixing. Add 0.05-0.15 lbs. of Mergal MC14 per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary to ensure control.

Printing Inks, Fountain Solutions: Mergal MC14 should be added to achieve a dose of 0.1-1.0% on a total weight basis. For acidic fountain solutions use 0.2-0.5%, for basic solutions use 0.5-0.8%.

Recirculating Electrode Systems (electrophoretic systems): For fouled systems add 71-245 ppm Mergal MC14 (0.7-2.5 gallons per 10,000 gallons of fluid in the system) which will provide 10-35 ppm of active ingredient. Repeat until control is achieved. For maintenance use 0.35-1.0 gallons per 10,000 gallons of fluid in the system) weekly or as needed.

Slurries: Add 0.06-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 8.0-32 ppm active ingredient.

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