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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 11 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Adrian Krygsmann, Director Product Registration
Troy Corporation
8 Vreeland Road
Florham Park, NJ 07932-0955

Subject: Mergal MC14
EPA Reg. No. 5383-141
Amendment Letter Dated: March 12, 2013
EPA Received Date: March 13, 2013

The application referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Section 3(c)(7)(A) as amended, is acceptable.

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

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions concerning this letter, please contact Amaris Johnson at (703) 305-9542.

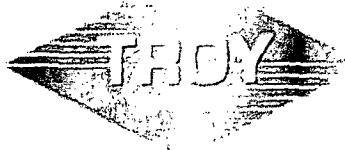
Sincerely,

A handwritten signature in black ink that reads "Marshall Swindell".

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

E-Submission - 3/12/13

#5383-141



**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.

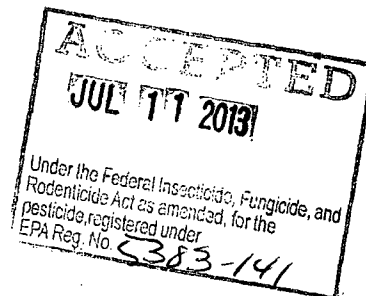
Fuel Preservation: Add 0.05-0.225 lb. Mergal MC14 to each 1000 lb. of fluid to provide 7-32 ppm of active ingredient.

Dispersed Pigments: For control of bacteria in the manufacture and storage of dispersed pigments (e.g. kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium or barium sulfate, silicate) used in paint and coatings and paper production. 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: (air freshners/deodorizers, car washes/waxes, floor cleaners/waxes, liquid detergents, laundry detergents, polishes/waxes) 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.

Not to be used in pesticidal formulations which come into contact with food.

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



**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 exist, 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	<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. • 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. • 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. • 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.
IF IN EYES:	
IF ON SKIN:	
IF INHALED	
IF SWALLOWED:	
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.	

MERGAL® MC14

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

EPA Reg. No. 5383-141
EPA Est. No. 87874-DEU-001

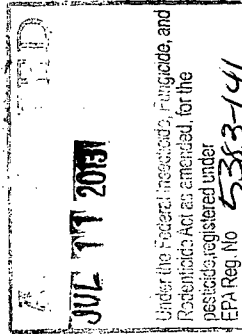
ACTIVE INGREDIENT:

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**



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

TROY CHEMICAL COMPANY

One Avenue L
Newark, N.J. 07105

Net Contents:

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 lackifiers,
- Building Materials (stuccos, cement admixtures, gypsum board)
- Fuel preservation
- Dispersed Pigments (used in paints & coatings, paper production)
- In-Can Preservation for Industrial and Household Consumer Products (air fresheners/deodorizers, car washes/waxes, floor cleaners/waxes, liquid detergents, laundry detergents, polishes/waxes)
- Metal working Fluids
- Oilfield Injection Waters
- Latexes (acrylic, styrene-butadiene, carboxylated, ethylene/vinyl acetate, biopolymers)
- Paints and Coatings
- Papermills
- Printing Inks, Fountain solutions
- Recirculating Electrodeposition Systems-(paints, photoplating, fountain solutions)
- Slurries

[Wood and Wood Products]

Not to be used in pesticidal formulations which come into contact with food
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.

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.

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.

Wood and Wood Products: Mergal MC14 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. Treat pressure-treatment solution with 0.027 to 0.086 gallons (3.4 to 11 fluid ounces) per 1000 gallons of solution (4.0 to 12.6 ppm active isothiazolones) in the pressure treating process for mold and mildew control. Under extreme mildew conditions, use up to a maximum concentration of 48 ppm active isothiazolones (up to 33 fluid ounces per 1000 gallons of treatment solution). This application will afford protection up to 12 weeks and during repeated use of

✓
same language
as # 62190-3
= cancelled June 26
2015

REGISTERED
JUL 11 2013
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 5383-141

s/

solution. May be used at higher concentrations so long as the end use product/article contains a maximum concentration of 48 ppm active isothiazolones.

For control of blue stain, mold and decay of freshly cut lumber and logs: treat lumber immediately after it is sawn. Freshly dipped or sprayed lumber must be protected from rain. Dip tanks and aprons must be roofed, paved and drained to prevent dilution and loss of stain solution. Antistain treatment concentrations must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of the ready to use antistain solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment and metering equipment must be properly maintained. Mix one gallon of this product per 3500 gallons of water. Lumber and logs must be totally immersed or sprayed to ensure all surfaces are treated. Ensure good mixing prior to and during the treatment process.]

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