

5383-104

4/30/2014

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

OFFICE OF CHEMICAL, SAFETY  
AND POLLUTION PREVENTION

Nancy Lentz,  
Troy Chemical Corporation,  
One Avenue L,  
Newark, New Jersey 07105-0490

Product Name: Mergal K14  
EPA Reg. No.: 5383-104  
Notification Date: April 1, 2014  
EPA Receipt Date: April 2, 2014

APR 30 2014

Dear Nancy Lentz,

This letter acknowledges receipt of your notification submitted under the provision of the Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA) section 3(c)9 and PR Notice 98-10.

**Proposed Notification:**

- Correction of product label per previous EPA approved label amendments.

**General Comments**

Based on a review of the submitted materials, your notification for alternative brand name for your product, "Mergal K14", EPA Reg. # 5383-104, as listed is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-8032.

Sincerely,

A handwritten signature in black ink that reads "Jamil Mixon".

Jamil Mixon,  
Product Management Team 31,  
Regulatory Management Branch,  
Antimicrobials Division (7510P)

 <b>EPA</b> United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> <b>Registration</b> <input type="checkbox"/> <b>Amendment</b> <input checked="" type="checkbox"/> <b>Other:</b>	OPP Identifier Number XXXXXX
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**Application for Pesticide - Section I**

1. Company/Product Number 5383-104	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Troy Mergal K14</b>	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) <b>Troy Chemical Corp. c/o          Troy Corporation          8 Vreeland Road          Florham Park, N.J. 07932</b> <u>PLEASE SEND ALL CORRESPONDENCE TO</u> <u>"CONTACT POINT" LISTED BELOW</u> <input type="checkbox"/> Check if this is a new address		6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No.:  Product Name:

**Section - II**


<input type="checkbox"/> Amendment - Explain below. Expedite	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)  
**Submission of corrected label for Mergal K14 based on previously approved EPA labels.**  
 The most recent label inadvertently had the incorrect % Ingredient for MIT. The correct percentage for 2-Methyl-4-isothiazolin-3-one (MIT) is 0.16%. EPA amendment submitted August 24, 2011 and approved on December 14, 2011 revises the basic CSF, %CMIT = 0.52% and %MIT = 0.16%. The CSF was revised based on agency approval of Mergal MITZ (365-84) as the source of active ingredient.

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt.    No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
*Certification must be submitted			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nancy R. Lentz	Title Senior Regulatory Manager	Telephone No. (Include Area Code) (373) 443-4200 ext. 2256
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Senior Regulatory Manager	
4. Typed Name Nancy R. Lentz	5. Date 01-APR-2014	





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

**DANGER**

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, skin or clothing. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. This product may cause skin sensitization reactions in some people. Do not breathe vapor or spray mist. Wear goggles or face shield, protective clothing and chemical resistant gloves. Wear a mask or pesticide respirator approved by the National Institute for Occupational Safety and Health.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

- Mixers, loaders and others exposed to this product must wear:
  - Long-sleeve shirt and long pants
  - Socks and shoes
  - Chemical-resistant gloves (such as rubber or waterproof gloves)
  - Chemical-resistant apron
  - Protective eyewear
  - Respiratory protection device

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 personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</li> <li>• Move person to fresh air.</li> <li>• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</li> </ul>

**NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate the use of gastric lavage.

**MERGAL® K14**

Industrial Microbicide for use in Emulsions, Paints and Coatings, Building Materials, Metal Working Fluids and Adhesives, Boye Care Cleaning Products including Floor Cleaners, Waxes, Polishers, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners and Stain Removers

EPA Reg. No.	5383-104
EPA Establishment Number	5383-NJ-007

**ACTIVE INGREDIENT:** ..... % Weight  
**5 Chloro-2-Methyl-4-isothiazolin-3-one** ..... **0.52%**  
**2-Methyl-4-isothiazolin-3-one** ..... [ **0.16%** ]  
**INERT INGREDIENTS** ..... **99.32%**  
**TOTAL** ..... **100.00%**

**DANGER**

**SOLD FOR INDUSTRIAL USE**  
 See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

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

**Net Weight:**

**Troy Chemical Corporation**  
 One Avenue L, Newark, N.J. 07105

®MERGAL AND POLYPHASE are registered trademarks

**EN**  
 This chemical is toxic to invertebrates. Do not discharge into streams, ponds, estuaries, the requirements of a (NPDES) permit and the to discharge. Do not discharge without previously For guidance, contact your

it is a violation of Federal its labeling.

Troy Mergal®K14 is a microbio yeasts, molds and algae. It dispersion paints and coatings is not to be used in formulator adhesive use.

Troy Mergal®K14 is a liquid a For best results it should be alk high temperature or high alk suggested that Troy Mergal®K Usage rates may vary depend material to determine the exac Usage levels in diluted metal total weight of the formulation paints and coatings, and joint Usage rates of 0.15 to 0.30% formulation. For Home Car lbs/100lbs. of formulation.

Do not apply this product in a

**S**  
 Do not contaminate water, fo  
**PESTICIDE STORAGE:**  
 suggested.

**PESTICIDE DISPOSAL:**  
 disposal of excess pesticide; these wastes cannot be dis your State pesticide or ei representative at the nearest

**CONTAINER DISPOSAL**  
 container. Clean container the remaining contents into full with water. Replace and and forth, ensuring at leas container on its end and tip onto its other end and tip application equipment or a r this procedure two more tim or puncture and dispose of i and local authorities, by bur

**WARNINGS TO HUMANS AND DOMESTIC ANIMALS**

Do not get in eyes, skin or absorbed through skin. This product may irritate the eyes and skin. Do not breathe the vapor or use in enclosed spaces. Do not use in areas where food is prepared or consumed. Do not use in areas where children play. Do not use in areas where animals are kept. For more information, contact the National Institute for Occupational Safety and Health.

Use protective gloves.

Do not use in areas where food is prepared or consumed. Do not use in areas where children play. Do not use in areas where animals are kept. For more information, contact the National Institute for Occupational Safety and Health.

**PRECAUTIONS**  
 Do not use in areas where food is prepared or consumed. Do not use in areas where children play. Do not use in areas where animals are kept. For more information, contact the National Institute for Occupational Safety and Health.

**First Aid**  
 If inhaled: Get fresh air. If necessary, seek medical attention.  
 If on skin: Wash with soap and water.  
 If in eyes: Flush with water for 15-20 minutes. Seek medical attention.  
 If swallowed: Do not induce vomiting. Seek medical attention.

**Storage and Handling**  
 Store in a cool, dry place. Keep away from heat and fire. Do not use if the container is damaged or leaking.

**Disposal**  
 Do not pour down the drain or into the water supply. Dispose of in accordance with local regulations.

**Other Information**  
 This product is not for sale in California, New York, and New Jersey.

# MERGAL® K14

Industrial Microbiocide for use in Emulsions, Paints and Coatings, Building Materials, Metal Working Fluids and Adhesives, Home Care Cleaning Products including Floor Cleaners, Waxes, Polishers, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners and Stain Removers

EPA Reg. No.	5383-164
EPA Establishment Number	5383-NJ-001

<b>ACTIVE INGREDIENT:</b>	% Weight
5 Chloro-2-Methyl-4-isothiazolin-3-one	0.52%
2-Methyl-4-isothiazolin-3-one	0.16%
<b>INERT INGREDIENTS</b>	99.32%
<b>TOTAL</b>	100.00%

**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 Pollution 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.

**APPLICATION**

Troy Mergal®K14 is a microbiocide that is effective against a broad spectrum of bacteria, yeasts, molds and algae. It may be used as an industrial preservative for emulsions, dispersion paints and coatings, adhesives, metal working fluids and building materials. It is not to be used in formulations intended for food contact paper coatings or food contact adhesive use.

Troy Mergal®K14 is a liquid and may be added at any point in the production process. For best results it should be added as early in the manufacturing process as possible. If high temperature or high alkalinity are expected in the manufacturing process, it is suggested that Troy Mergal®K14 be added after these conditions have been controlled. Usage rates may vary depending on the application and the user is advised to test the material to determine the exact usage in an individual application.

Usage levels in diluted metal working fluids are typically 0.025 to 0.20% based on the total weight of the formulation. Typical usage rates are 0.10 to 0.20% in emulsions, paints and coatings, and joint cements based on the total weight of the formulation.

Usage rates of 0.15 to 0.30% are typical for adhesives based on the total weight of the formulation. For Home Care cleaning products and laundry additives use 0.15-0.3 lbs/100lbs. of formulation.

Do not apply this product in a way that will contact workers or other persons.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Storage between 90°F (32°C) and 32°F (0°C) is suggested.

**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 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:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. 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.

## DANGER

**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

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