



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

5383-158

Date of Issuance:

10/16/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

MERGAL 187

Name and Address of Registrant (include ZIP Code):

Maureen Mikszal
Senior Regulatory Manager
Troy Corporation
8 Vreeland Road
Florham Park, NJ 07932

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Julie Chao, Product Manager 33
Regulatory Management Branch I, Antimicrobials Division (7510P)

Date:

10/16/15

2. You are required to comply with the data requirements described in the DCI identified below:

a. 4,4-Dimethyloxazolidine GDCI-114801-1339

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 5383-158."

5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/13/2015

If you have any questions, please contact Tuere Williams by phone at 703-347-0316 or via email at williams.tuere@epa.gov.

Sincerely,



Julie Chao, Product Manager 33
Regulatory Management Branch 1

Enclosure

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

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Wear goggles, or face shield, and rubber gloves when handling. Avoid breathing vapor or spray mist. For closed loading systems that are engineered to eliminate contact with aerosols and vapors, workers must have access to a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH prefix TC-14G), or a NIOSH approved respirator with an organic vapor mist (OV) cartridge or canister with any R, P, or HE prefilter. For open pour systems workers must wear the type of respirator specified above. Avoid contamination of food. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: 1) Goggles or face shield, 2) Long sleeve shirt and long pants, 3) Socks and shoes and 4) Rubber gloves

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet, 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing, 3) Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 OR CLOTHING:	<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 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.
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 further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.	

MERGAL® 187

In-Can Preservative against Bacteria in Adhesives, Drilling Muds* and Completion Fluids*, Inks, Latex Paints, Oilfield Water Systems* and Resin Emulsions.

EPA Reg. No.	5383-TBD
EPA Establishment Number	5383-NJ-1

ACTIVE INGREDIENT: % Weight
4,4 Dimethyloxazolidine**59%**
 INERT INGREDIENTS**41%**
TOTAL**100.0%**



KEEP OUT OF REACH OF CHILDREN

DANGER

FOR INDUSTRIAL USE

See Side Panel for Additional Precautionary Statements

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

Net Weight:

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

MERGAL®, POLYPHASE® AND TROYGUARD® are registered trademarks

ENVIRONMENTAL HAZARDS

This pesticide 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.

DIRECTIONS FOR USE

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

APPLICATION

Mergal 187 is sold for industrial use. Use rates are based on laboratory and field evaluations and are typical for the use areas indicated. Use rates are reported as percentage weight/weight in the final use product.

Application Restrictions: Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application.

Paints, Inks and Resin Emulsions: Mergal 187 is effective as a preservative in water-containing coating systems: latex paints, inks and resin emulsions. The use rate for preservation of inks and latex paint is 0.1- 0.2 lb. per 100 lb. of the formulation. The use rate for preservation of resin emulsions is 0.2 lb. per 100 lbs. of the formulation.

Adhesives (non-food contact): the use rate is 0.1 - 0.5 lb. per 100 lbs. total formulating weight.

Oilfield Water Systems* (subsurface injection water): the use rate is 5-150 ppm. For continuous feed method if the system is noticeably fouled, add 20-150 ppm (1.7-12.8 gal. per 200 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 5-150 ppm (0.43-12.8 gal. per 200 barrels of water) continuously as needed to maintain control. Intermittent or slug method if the system is noticeably fouled, or to maintain control of the system, add 20-150 ppm (1.7-12.8 gal. per 200 barrels of water) intermittently for 2-8 hours per day for 1-4 days per week depending on the severity of contamination.

Drilling Muds* and Workover* and Completion Fluids*: determine the volume of Mergal 187 necessary to provide a concentration of 500-1000 ppm by weight of Mergal 187 in the system. As the system circulates, add the Mergal 187 in a thin stream. Add additional Mergal 187 to the system to maintain the proper concentration as the total volume of the system increases.

* Not approved for use in the State of California.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use, spill or store near heat or open flame. Mergal 187 is strongly alkaline.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store at freezing temperatures for prolonged periods of time.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Open dumping is prohibited.

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. 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.

MM 8/26/2015

ACCEPTED

Oct 16, 2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5383-158