



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

5383-237

Date of Issuance:

8/13/26

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Mergal MBC16

Name and Address of Registrant (include ZIP Code):

Samantha Ryder
Regulatory Affairs Specialist
Troy Chemical Corporation (an Arxada Company)
Electronic Transmittal: samantha.ryder@arxada.com

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 (FIFRA).

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:

Steven Snyderman, Product Manager 33
Regulatory Management Branch II
Antimicrobials Division (7510M)
Office of Pesticide Programs

Date:

8/13/26

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

- a. 1,2-Benzisothiazolin-3-one (BIT): GDCI-098901-1466
- b. 2-Methyl-3(2H)-isothiazolone (MIT): GDCI-107104-1479
- c. 5-Chloro-2-methyl-3(2H)-isothiazolone (CMIT): GDCI-107103-1709

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. 5383-237."

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 date 3/25/2026

If you have any questions, please contact Kasey Chambers via email at chambers.katelyn@epa.gov.

Enclosure: Stamped Label

08/13/2026

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 5383-237

{Note To Reviewer: Text in brackets is optional}

MERGAL[®] MBC16

[Industrial Microbiocide] Industrial Microbiocide for use as a material preservative in Paints and Coatings, Water-based Emulsions, Adhesives, Building Materials, Dispersed Pigments, and Mineral Slurries

Active Ingredients:

5-Chloro-2-methyl-4-isothiazolin-3-one.....	1.0%
2-Methyl-4-isothiazolin-3-one.....	4.8%
1,2-Benzisothiazolin-3-one.....	10.0%
Other Ingredients	84.2%
TOTAL.....	100%

EPA Reg. No. 5383-XXX

EPA Est.No. [Enter EPA Establishment Number]

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO

{Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label}

FIRST AID:

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 eye. Call a Poison Control Center or doctor for treatment advice.

If on Skin or 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 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.

If Swallowed: 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.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. General Information: Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday -- Friday, 8:00 am -- 12:00 pm Pacific Time; email: npic@ace.orst.edu; or website: <http://npic.orst.edu/>. You may also contact the Poison Control Center at 1-800-222-

1222 for emergency medical treatment information.

[See Side Panel for Additional Precautionary Statements]

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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

Precautionary Statements:

Hazards to Humans and Domestic Animals

DANGER

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves made of Butyl Rubber $\geq$ 14 mils, Nitrile Rubber $\geq$ 14 mils, or Neoprene Rubber $\geq$ 14 mils. Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N1, R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters. Avoid contact with skin and clothing. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel. Materials to be avoided: Alkalies, Reducing agents, Strong oxidizing agents, Nucleophiles

DIRECTIONS FOR USE

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

[MERGAL MBC16 is a microbiocide that is effective against bacteria and fungus. It is used as an industrial microbiocide for paints and coatings, water-based emulsions, adhesives, building materials, dispersed pigments, mineral slurries, as an in-container preservative for aqueous products for use in household consumer, industrial, and janitorial products.]

PRESERVATIVE PAINTS AND COATINGS:

MERGAL MBC16 is recommended as an in-container preservative for the control of bacteria and fungi in water-based paints and coatings, including paper and wood coatings, and process wash solutions. Add 0.05% – 0.4% (0.05 – 0.40 lbs. per 100 lbs.) by wt. of product of paint and coating to provide 79 – 632 ppm active ingredients.

PRESERVATIVE FOR WATER-BASED EMULSIONS

MERGAL MBC16 is recommended as an in-container preservative for the control of bacteria and fungi in water-based emulsions. Typical emulsions including synthetic and natural polymer emulsions (e.g. acrylics, styrene-butadiene, ethylene-vinyl acetate, polyvinyl alcohol, and biopolymers), asphalt emulsions, and other water-based emulsions (e.g. inks, resins, waxes, surfactants, and defoamers). Add 0.05% – 0.4% (0.05 – 0.40 lbs. per 100 lbs.) by wt. of product in the to provide 79– 632 ppm active ingredients.

¹PRESERVATIVE FOR ADHESIVES

MERGAL MBC16 is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives.

Add 0.05-0.40% (0.05 – 0.4 lbs. per 100 lbs.) of product to provide 79 – 632 ppm active ingredients.

¹PRESERVATIVE FOR BUILDING MATERIALS

MERGAL MBC16 is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling, plasters, stuccos, and concrete admixtures.

Add 0.05-0.40% (0.05 – 0.4 lbs. per 100 lbs.) of product to provide 79 – 632 ppm active ingredients.

¹PRESERVATIVE FOR DISPERSED PIGMENTS AND MINERAL SLURRIES

MERGAL MBC16 is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate used in paint and paper products.

Add 0.05-0.30% (0.05 – 0.3 lbs. per 100 lbs.) of product to provide 79 – 475 ppm active ingredients.

¹IN-CONTAINER PRESERVATIVE: MERGAL MBC16 is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including: stabilized oil/water emulsions, foam control products, and aqueous pesticides.

Add 0.05-0.40% (0.05 – 0.4 lbs. per 100 lbs.) of product to provide 79 – 632 ppm active ingredients.

¹HOUSEHOLD, CONSUMER, INDUSTRIAL , INSTITUTIONAL, JANITORIAL PRODUCTS

MERGAL MBC16 is recommended as an industrial microbiocide for the control of bacteria and fungi in Floor Cleaners, Waxes, Polishes, and Surface Cleaners, and Laundry Additives including Liquid Laundry Detergents, Fabric Softeners, Silicone Emulsions, *Surfactants and *Surfactants for Soap and Stain Removers, dishwasher detergents, car care products, and other similar cleaners.

Add 0.05% – 0.4% Add 0.5 – 4.0 lbs. per 1000 lbs. of product to be protected to provide 79 – 632 ppm active ingredients.

¹CONCENTRATES FOR USE IN INDUSTRIAL / INSTITUTIONAL / JANITORIAL USE

MERGAL MBC16 may be added to those products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain between 0.05 and 0.4% MERGAL MBC16.

[¹Not a use registered by the state of California.]

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, disposal or cleaning of equipment.

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste 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.

[Manufactured for][Manufactured by]

Troy Chemical Corporation

One Avenue L, Newark, NJ 07105

[Optional Company Logo]

Net Contents:

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