



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

5383-216

Date of Issuance:

12/20/2018

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

MERGAL® BZ55

Name and Address of Registrant (include ZIP Code):

Troy Chemical Corporation  
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 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.

Jacqueline Hardy, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Date:

12/20/2018

2. You are required to comply with the data requirements described in the DCI or EDSP identified below:
  - a. BIT GDCI-098901-27548
3. Be aware that proposed data requirements for BIT and Zinc Py has been identified in a Work Plan. For more information on these proposed data requirements, you may obtain copy in the docket EPA-HQ-OPP-2014-0159 and EPA-HQ-OPP-2014-0158 at [www.regulations.gov](http://www.regulations.gov) or contact the contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 5383-216.”
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.

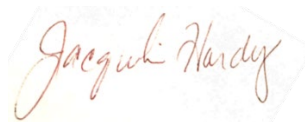
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please also note that the record for this product currently contains the following:

- Basic CSF dated 07/13/2018

If you have any questions, please contact Lorena Rivas by phone at (703) 305-5027, or via email at [rivas.lorena@epa.gov](mailto:rivas.lorena@epa.gov).

Sincerely,

A handwritten signature in red ink that reads "Jacqueline Hardy". The signature is written in a cursive style and is enclosed within a faint, light-colored rectangular border.

Jacqueline Hardy, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclose: Accepted Stamped Label

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

**DANGER**

**CORROSIVE.** Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles or face shield) long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves (such as Barrier laminate, Butyl, Nitrile, or Neoprene Rubber, Polyvinyl Chloride). Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS	
Users should:	
<ul style="list-style-type: none"> <li>• Users should wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>• Users should remove and wash contaminated clothing before reuse.</li> <li>• User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing</li> </ul>	

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 the first 5 minutes, then continue rinsing.</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>• Call a Poison Control Center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a Poison Control Center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <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 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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [For medical emergencies, call your poison control center at 1-800-222-1222.]	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**MERGAL® BZ55**

**For Industrial Use Only As A Preservative Intended To Protect Adhesives, Coatings, Tape Joint Compounds, Mineral Slurries, Paints, Pigment Dispersions, and Polymer Emulsions**

**ACTIVE INGREDIENT:** ..... % Weight  
**1,2-Benzisothiazolin-3(2H)-One** .....**5.75%**  
**Zinc pyrithione (Zinc, 2-pyridinethiol-1-oxide)** .....**5.75%**  
**INERT INGREDIENTS** .....**89.5%**  
**TOTAL** .....**100.00%**

**ACCEPTED**

**12/20/2018**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. **5383-216**

See Side Panel for Additional Precautionary Statements and First Aid Statements

**FOR INDUSTRIAL USE ONLY**

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

**Manufactured for/Manufactured by  
Troy Chemical Corporation  
One Avenue L, Newark, N.J. 07105**

<b>EPA Reg. No.</b>	<b>5383-TBD</b>
<b>EPA Establishment Number</b>	<b>5383-NJ-001</b>

**Net Weight:**

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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 EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

This product is incompatible with oxidizing agents.

**DIRECTIONS FOR USE**

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

**GENERAL INFORMATION**

Mergal BZ55 is an effective broad-spectrum non-food in-can preservative used to avoid deterioration and degradation caused by microorganisms. It is suggested for use in aqueous or water-containing products and systems to control growth of bacteria and fungi. It can be added at any time during the formulation procedure. In order to determine the most cost effective use level for Mergal BZ55 in a given use, field trials are suggested.

**APPLICATION INSTRUCTIONS**

**Adhesives:** For control of bacterial growth, add 0.01-0.85% wt/wt of Mergal BZ55. For control of fungal growth add 0.15-0.85% wt/wt of Mergal BZ55.

**Tape Joint Compounds:** wallboard, spackling and drywall joint products: For control of bacteria, add 0.45-0.85% wt/wt of Mergal BZ55. For control of fungi, add 0.05-0.85% wt/wt of Mergal BZ55.

**Polymer Emulsions:** For control of bacteria, add 0.01-0.85% wt/wt of Mergal BZ55. For control of fungi, add 0.04-0.85% wt/wt of Mergal BZ55.

**Mineral Slurries:** For control of bacteria, add 0.45-0.85% wt/wt of Mergal BZ55. For control of fungi, add 0.025-0.85% wt/wt of Mergal BZ55.

**Paints/Coatings:** For control of bacteria, add 0.01-0.85% wt/wt of Mergal BZ55.

**Pigment Dispersions:** For control of bacteria, add 0.05-0.85% wt/wt of Mergal BZ55. For control of mildew and other fungi, add 0.45-0.85% wt/wt of Mergal BZ55.

**SUPPLEMENTAL DOSING:**

Depending on the nature/severity of the contamination, if analysis indicates a loss of active ingredient(s) and further microbial control is necessary, product may be dosed with additional [Insert Product Name] microbiocide at a level to ensure that the final use-dilution product will not exceed the maximum concentration indicated (max dosage level ppm Insert Product Name).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Protect from frost. If frozen, allow to thaw and stir well before use.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 HANDLING:** 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.