



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 25, 2014

Nancy R. Lentz  
Senior Regulatory Manager  
Troy Corporation  
8 Vreeland Road  
PO Box 955  
Florham Park, NJ 07932-0955

Subject: Label Amendment – Removes FDA References, Revised Directions for Use Section, and Updated Label Dosing for Sub-label B.  
Product Name: Mergal BIT20  
EPA Registration Number: 5383-121  
Application Date: September 16, 2014  
Decision Number: 495963

Dear Ms. Lentz:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one 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.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA section 6. If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is stylized with a large initial "S" and a cursive "M".

Seiichi Murasaki  
Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# MERGAL® BIT20

For Industrial Use Only As A Microbiostat Preservative Intended To Protect Adhesives, Building And Construction Compositions, Emulsion Paint And Coatings, Inks, Latices, Leather Processing Solutions, Metalworking Fluids, Mineral Slurries And Dispersions, Oil Recovery Systems, Paper Coatings, Pesticide Formulations, Polymer Emulsions, Textile Spin-Finish And Coatings, Car Care Products Including Car Washes, Car Waxes And Silicone Emulsions, Home Care Cleaning Products Including Floor Cleaners, Floor Waxes, Floor Polishes And Surface Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners And Stain Removers.

ACTIVE INGREDIENT:.....% Weight  
1,2-Benzisothiazolin-3(2H)-one .....19.18%  
INERT INGREDIENTS .....80.82%  
TOTAL .....100.00%

EPA Reg. No. 5383-121  
EPA Establishment Number 5383-NJ-001

KEEP OUT OF REACH OF CHILDREN

**DANGER**

FOR INDUSTRIAL USE ONLY

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

Net Weight:

[Manufactured for: / Produced for: / Sold by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

TROYGUARD® and MERGAL® are registered trademarks

**ACCEPTED**

11/25/2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 5383-121

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed, inhaled, or, absorbed through skin. 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:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing

#### 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 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>• 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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Emergency Phone Number: 800-424-9300	

### **NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

### **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 other chemicals (oxidizing agents)

### **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  $\frac{1}{4}$  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.

## **MASTER LABEL - Sub-label A:**

For Industrial Use Only As A Microbiostat Preservative Intended To Protect Adhesives, Building And Construction Compositions, Emulsion Paint And Coatings, Inks, Latices, Leather Processing Solutions, Metalworking Fluids, Mineral Slurries And Dispersions, Oil Recovery Systems, Paper Coatings, Pesticide Formulations, Polymer Emulsions, Textile Spin-Finish And Coatings.

### **DIRECTIONS FOR USE**

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

### **GENERAL INFORMATION**

**APPLICATION RATE:** Mergal®BIT20 is an effective preservative for most aqueous applications. Mergal®BIT20 is used in aqueous or water-containing products and systems to control growth of bacteria and fungi. Use rates are in percentage by weight and refer to the product Mergal®BIT20. In order to determine the most cost effective use level for Mergal®BIT20 in a given use, field trials are suggested.

The use rate is 0.05-0.25% wt/wt in the following products: Adhesives, Building and Construction Compositions, Emulsion Paint and Coatings, Inks, Latices, Leather Processing Solutions, Metalworking Fluids, Mineral Slurries and Dispersions, Paper Coatings, Pesticide Formulations, Polymer Emulsions, Textile Spin-Finish And Coatings.

Mergal®BIT20 is approved for adhesives used in food packaging and food contact paper and paperboard coatings. Use of Mergal®BIT20 must not exceed 0.21 mg/in<sup>2</sup> (0.0326 mg/cm<sup>2</sup>) of finished paper and paperboard intended for contact with dry foods and 0.11 mg/in<sup>2</sup> (0.0168 mg/cm<sup>2</sup>) of finished paper and paperboard intended for contact with aqueous and fatty foods.

Oil Recovery Systems: Drilling fluids, packer fluids, completion fluids: Polysaccharide fluid loss control agents and thickeners such as starch, guar, and xanthan gum at a use rate of 0.05-0.15% on fluid weight or 1.5-4.5% on the dry polysaccharide weight. Subsurface injection waters such as polymer and micellar/polymer waterfloods: Thickeners such as polysaccharides and xanthan gum at a use rate of 0.05-0.15% on the solution weight. .

## **MASTER LABEL - Sub-label B:**

For Industrial Use Only As A Microbiostat Preservative Intended To Protect Car Care Products Including Car Washes, Car Waxes And Silicone Emulsions, Home Care Cleaning Products Including Floor Cleaners, Floor Waxes, Floor Polishes And Surface Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners And Stain Removers.

### **DIRECTIONS FOR USE**

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

### **GENERAL INFORMATION**

**APPLICATION RATE:** Mergal®BIT20 is an effective preservative for most aqueous applications. Mergal®BIT20 is used in aqueous or water-containing products and systems to control growth of bacteria and fungi. Use rates are in percentage by weight and refer to the product Mergal®BIT20. In order to determine the most cost effective use level for Mergal®BIT20 in a given use, field trials are suggested.

The use rate is 0.05-0.3% wt/wt in the following products: Car Washes, Car Waxes And Silicone Emulsions, Home Care Cleaning Products Including Floor Cleaners, Floor Waxes, Floor Polishes And Surface Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners And Stain Removers.

NRL 19Sept2014