

5383-121

11/23/2011

10f2

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



Office of Pesticide Programs

Troy Chemical Corporation  
8 Vreeland Road  
Florham Park, N. J. 07932

NOV 23 2011

Attention: Adrian Krygsman, Director  
Product Registration

Subject: Merçal BIT20  
EPA Registration No. 5383-121  
Notification Dated September 12, 2011

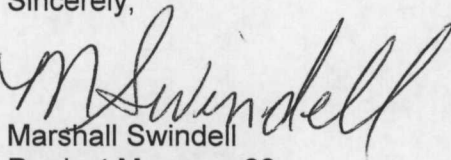
The amendment, submitted in connection with registration under section 3©(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, for the addition of Use (Oil Recovery Systems) to the labeling, is acceptable.

A stamped copy of the "accepted" labeling is enclosed. Submit two (2) copies of the final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3©(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,  
  
Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure

**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**

- 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.
  - 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 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.
- 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.

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 following ingestion. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**MERGAL® BIT20**

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

EPA Reg. No.	5383-121
EPA Establishment Number	5383-NJ-1

**ACTIVE INGREDIENT:** ..... % Weight  
**1,2-Benzisothiazolin-3(2H)-One** ..... **19.18%**  
**INERT INGREDIENTS** ..... **80.82%**  
**TOTAL** ..... **100.0%**

ACCEPTED  
 WITH COMMENTS  
 EPA Letter Dated:

NOV 23 2011

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

**KEEP OUT OF REACH OF CHILDREN**

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

Net Weight:  
 [Produced for/Manufactured for]

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

®MERGAL AND POLYPHASE are registered trademarks

**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)

**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®BIT 20 is an effective preservative for most aqueous applications. Mergal®BIT 20 is suggested for use in aqueous or water-containing products and systems, including industrial and institutional products to control growth of bacteria and fungi. Suggested rate is 0.05-0.25% w/w of Mergal®BIT 20 in the finished product. For example, use 0.5-2.5 lbs. of Mergal®BIT 20 per 1000 lbs. of finished product.

**ADHESIVES USED IN FOOD PACKAGING:** Follow the FDA clearances cited below.

**FOR FOOD-CONTACT PAPER AND PAPERBOARD COATINGS:** Follow the FDA clearances cited below. Use of Mergal®BIT 20 is not exceeded 0.11 mg/in<sup>2</sup> (0.0326 mg/cm<sup>2</sup>) of finished paper and paperboard intended for contact with dry foods. Use of Mergal®BIT 20 is not exceeded 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.

Mergal®BIT 20 components are cleared for use by the FDA in accordance with the following conditions, as set forth under Title 21 of the Code of Federal Regulations (CFR):

- 21 CFR 175.105 - Components for Adhesives
- 21 CFR 176.170 - Components of Paper and Paperboard in contact with aqueous and fatty foods
- 21 CFR 178.180 - Components of Paper and Paperboard in contact with dry food
- 21 CFR 178.300 - Silicides (in the manufacture of Paper and Paperboard that contact food)
- 21 CFR 177.2800 - Rubber articles intended for repeated use: follow instructions in paragraph (c)(4)(1X)

**OIL RECOVERY SYSTEMS:** Drilling fluids, packer fluids, completion fluids, Polysaccharide fluid loss control agents and thickeners such as starch, guar, and xanthan gum-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 xanthan gum and polysaccharides-0.015-0.15% on solution weight.

**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 can cause acute toxicity. 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 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 rinse into application equipment or a mix tank or store rinse 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.

202