



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 28, 2017

Blaise Haynes  
Regulatory Affairs Representative  
LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112

Subject: Label Amendment – To add “Not for the use in the State of California” and to decrease the polymer dosage from 0.25 to 0.2%  
Product Name: PREVENTOL BIT 20N  
EPA Registration Number: 39967-74  
Application Date: November 11, 2016  
Decision Number: 524009

Dear Mr. Haynes:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

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

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with FIFRA section 6. If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080, or via email at <mailto:johnson.zebora@epa.gov>.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hebert", is positioned above the typed name.

John Hebert, Chief  
Regulatory Management Branch I  
Antimicrobial Division (7510P)  
Office of Pesticide Programs

Enclosure: Accepted Label

# PREVENTOL® BIT 20N

FOR INDUSTRIAL USE ONLY AS AN ANTIMICROBIAL TO PROTECT AQUEOUS COMPOSITIONS SUCH AS POLYMER EMULSIONS\*, OIL-IN-WATER EMULSIONS, METAL WORKING FLUIDS, PAINTS AND COATINGS, INKS AND FONT SOLUTIONS, WATER-BASED ADHESIVES, AQUEOUS PIGMENT OR MINERAL SLURRIES, BUILDING AND CONSTRUCTION MATERIALS, PESTICIDE FORMULATIONS, CLEANING PRODUCTS, LIQUID LAUNDRY ADDITIVES, CAR CARE PRODUCTS, OIL RECOVERY MATERIALS, SECONDARY OIL RECOVERY FLUIDS, PAPER OR TEXTILE COATING COMPOSITIONS, PULP AND PAPER MILL SYSTEMS, LEATHER PROCESSING SOLUTIONS, OR TO PROTECT FRESH ANIMAL HIDES OR SKINS, SEED COATING\*

\*Not for use in State of California

## KEEP OUT OF REACH OF CHILDREN DANGER

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Causes irreversible eye damage. May be fatal if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield, chemical resistant gloves, long pants and long sleeved shirt. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-210C), or a NIOSH approved respirator with N, R, P, or HE filter. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### 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 the EPA. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply in marine or estuarine oil fields.

**ACTIVE INGREDIENTS:**  
1,2-benzisothiazolin-3-one .....20.5%  
**INERT INGREDIENT:**.....79.5%  
**Total** ..... 100.0%

### DIRECTIONS FOR USE

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

**For Detailed Directions For Use, Please Refer To The LANXESS Corporation Technical Information Bulletin.** Read these entire directions before using Preventol BIT 20N.

**DISCLAIMER:** Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the position as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

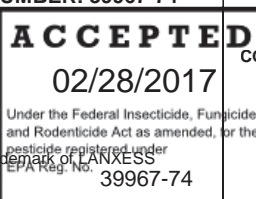
**IN CASE OF EMERGENCY, CALL:**  
**CHEMTREC 800-424-9300**  
**INTERNATIONAL 703- 527-3887**

**EPA REGISTRATION NUMBER: 39967-74**  
**EPA EST. NUMBER**

**Net Contents:**

**Lot No.:**

® Preventol is a registered trademark of LANXESS Corporation



### FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center or when going for treatment.

**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 SKIN IRRITATION OR DERMAL EXPOSURE:** Take off contaminated clothes. 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 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.

**Poison Control Center: Call 1-800-222-1222**

### Drum

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**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:** Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. 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. Turn the container over

onto its other end and tip it back and froth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

### Tote

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate. If not available, pressure rinse as follows: Empty the remaining contents into the application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Insert pressure rinsing nozzle in the side of container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### Pail

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**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:** Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

### Emergencies:

**In emergency situations, such as spills, fire, or exposure: call 1-800-424-9300**

# LANXESS

LANXESS Corporation  
111 RIDC Park West Drive - Pittsburgh, PA 15275-1112

LABEL TEXT DATE: 11/11/2016

# LANXESS

Energizing Chemistry

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Technical Information Bulletin

## PREVENTOL<sup>®</sup> BIT 20N

EPA Registration Number: : 39967-74

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# PREVENTOL® BIT 20N

FOR INDUSTRIAL USE ONLY AS AN ANTIMICROBIAL TO PROTECT AQUEOUS COMPOSITIONS SUCH AS POLYMER EMULSIONS\*, OIL-IN-WATER EMULSIONS, METAL WORKING FLUIDS, PAINTS AND COATINGS, INKS AND FONT SOLUTIONS, WATER-BASED ADHESIVES, AQUEOUS PIGMENT OR MINERAL SLURRIES, BUILDING AND CONSTRUCTION MATERIALS, PESTICIDE FORMULATIONS, CLEANING PRODUCTS, LIQUID LAUNDRY ADDITIVES, CAR CARE PRODUCTS, OIL RECOVERY MATERIALS, SECONDARY OIL RECOVERY FLUIDS, PAPER OR TEXTILE COATING COMPOSITIONS, PULP AND PAPER MILL SYSTEMS, LEATHER PROCESSING SOLUTIONS, OR TO PROTECT FRESH ANIMAL HIDES OR SKINS, SEED COATING\*

\*Not for use in State of California

## DIRECTIONS FOR USE

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

The following guidance is given as an approximation for each use pattern, but field testing is recommended to achieve optimum effectiveness.

## GENERAL USE INSTRUCTIONS

PREVENTOL® BIT 20N is an effective preservative for many aqueous formulations. It is recommended that the compatibility and microbiological efficacy is checked for individual formulations. The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the micro-organisms load, the species involved, pH, temperature, and the time period for which protection is required.

## POLYMER EMULSIONS (Not for use in California)

PREVENTOL® BIT 20N is effective for the protection of polymer emulsions based on monomers such as acrylate, butadiene, PVA, or styrene.

### Recommended Dosages:

Polymer Emulsions ..... 0.03 – 0.2 %  
(0.3 to 2.5 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

## OIL-IN-WATER EMULSIONS

PREVENTOL® BIT 20N is effective for the protection of oil-in-water emulsions, such as textile spin-finish solutions and photographic emulsions.

### Recommended Dosages:

OIL-IN-WATER EMULSIONS ..... 0.05 – 0.18 %  
(0.5 to 1.8 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

## METAL WORKING FLUIDS

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of metal working fluids such as cutting/ rolling oils and soluble oils used in metal and industrial industries.

Note: Limit amount of PREVENTOL<sup>®</sup> BIT 20N in metalworking fluid concentrate (to be diluted before use) to 3.0 % to reduce the possibility of dermal sensitization.

### Recommended Dosages:

**METAL WORKING FLUIDS**..... 0.05 – 0.18 %  
(0.5 to 1.8 b of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## PAINTS AND COATINGS

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of paints and coatings, such as aqueous coatings, water-based paints, and emulsion paints.

### Recommended Dosages:

**PAINTS**.....0.05 – 0.25 %  
(0.5 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)  
**COATINGS** .....0.05 – 0.25 %  
(0.5 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## INKS AND FONT SOLUTIONS

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of inks and font solutions.

### Recommended Dosages:

**INKS AND FONT SOLUTIONS**.....0.05 – 0.25 %  
(0.5 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## WATER-BASED ADHESIVES

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of water-based adhesives, including animal and plant derived glues, adhesives based on carboxymethyl/cellulose (CMC) and derivatives, gelatin and/or latex.

### Recommended Dosages:

**WATER-BASED ADHESIVES**.....0.05 – 0.25 %  
(0.5 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## AQUEOUS PIGMENT OR MINERAL SLURRIES

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of aqueous slurries of pigments such as titanium dioxide slurries or of minerals such as kaolin, calcium carbonate, calcium sulfate, or magnesium sulfate

### Recommended Dosages:

**AQUEOUS PIGMENT OR MINERAL SLURRIES**.....0.04 – 0.125 %  
(0.4 to 1.25 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

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## **BUILDING AND CONSTRUCTION MATERIALS**

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of building materials, such as adhesives, glues, caulks, sealants, grouts, spackling, concrete admixtures, ready-mixed cement, wallboard compounds, and joint compounds.

### **Recommended Dosages:**

BUILDING AND CONSTRUCTION MATERIALS.....0.08 – 0.25 %  
(0.8 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## **PESTICIDE FORMULATIONS**

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of pesticide formulations, including in-can protection and protection of use dilutions.

### **Recommended Dosages:**

PESTICIDE FORMULATIONS.....0.05 – 0.25 %  
(0.5 to 2.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## **CLEANING PRODUCTS**

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of cleaning products, including floor waxes and polishes, surface cleaners, window cleaners, and dish detergents.

### **Recommended Dosages:**

CLEANING PRODUCTS.....0.05 – 0.15 %  
(0.5 to 1.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## **LIQUID LAUNDRY ADDITIVES**

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of liquid laundry additives, including laundry detergents, fabric softeners, and stain removers.

### **Recommended Dosages:**

LIQUID LAUNDRY ADDITIVES.....0.05 – 0.15 %  
(0.5 to 1.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)

## **CAR CARE PRODUCTS**

PREVENTOL<sup>®</sup> BIT 20N is effective for the protection of car care products, including car washing products, car waxes, and silicone emulsions

### **Recommended Dosages:**

CAR CARE PRODUCTS.....0.05 – 0.15 %  
(0.5 to 1.5 lb of PREVENTOL<sup>®</sup> BIT 20N to use per 1000 lb of material to be protected)



## OIL RECOVERY MATERIALS

PREVENTOL® BIT 20N is effective for the protection of oil recovery materials, such as drill muds, packer fluids, and completion fluids, containing polysaccharide fluid loss control agents and/or thickeners such as starch, guar, or xanthan gum.

### Recommended Dosages:

OIL RECOVERY MATERIALS.....0.05 – 0.15 % (total weight of fluid)  
(0.5 to 1.5 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected **or** 15 to 45 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected of dry polysaccharide added.)

## SECONDARY OIL RECOVERY FLUIDS

PREVENTOL® BIT 20N is effective for the protection of secondary oil recovery injection water containing additives, such as polymer or micellar/polymer waterfloods using thickeners such as xanthan gum and/or polyacrylamides.

### Recommended Dosages:

SECONDARY OIL RECOVERY FLUIDS.....0.015 – 0.15 %  
(0.15 to 1.5 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

## PAPER OR TEXTILE COATINGS

PREVENTOL® BIT 20N is effective for the protection of paper and textile coatings, including rosin dispersions, starch and casein based products.

### Recommended Dosages:

PAPER OR TEXTILE COATING.....0.05 – 0.15 %  
(0.5 to 1.5 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

## PULP AND PAPER MILL SYSTEMS

The preferred method of addition is by shock dosing because this ensures that a high concentration of PREVENTOL® BIT 20N is present in the system for several hours. If a slime control agent is added by continuous methods over periods of several hours, its concentration in the system at all times is low which can lead to the development of resistant organisms. This is less likely to occur when the shock dosing method is used.

It is not possible to give precise recommendations as to the quantity of PREVENTOL® BIT 20N to add to control slime formation, because the magnitude of the problem varies greatly from mill to mill, depending on the furnish employed, the cleanliness of the mill system, and the additional nutrients (for example, starch) that may be added to the stock.

### For a trial the following quantities of PREVENTOL® BIT 20N are suggested:

**Shock dosing:** Between 2.5 to 9 ounces of PREVENTOL® BIT 20N for each ton of paper produced per day as a single shock dose, should be sufficient for most slime problems. This addition may be made to any part of the stock preparation or backwater system or may be made to those parts of the system where it is known that slime deposits accumulate.

**Continuous addition:** PREVENTOL® BIT 20N should be added continuously for either the single period of 8 hours during every 24 hours or for two separate periods of 4 hours during every 24 hours. PREVENTOL® BIT 20N should be metered into the recirculated backwater at a rate of 7 to 8.5 ounces for each ton of paper produced during the dosing period.

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## LEATHER

PREVENTOL® BIT 20N is effective for the protection of leather processing solutions to preserve the solutions. PREVENTOL® BIT 20N is also intended to protect fresh animal hides or skins to preserve the integrity of the hides and skins before or during processing.

Add the appropriate quantity of PREVENTOL® BIT 20N to the brine solution during the curing operation or treat hides or skins with an appropriately diluted aqueous solution during other portions of the processing operation. The specific use rate and contact time needed to control microbial attack will depend on the degree of decomposition of the hides or skins prior to treatment.

### Recommended Dosages:

LEATHER PROCESSING SOLUTIONS ..... 0.025 – 0.20 %  
(0.25 to 2 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

FRESH ANIMAL SKINS AND HIDES ..... 1 to 24 lb (13 fluid ounces to 2.5 gallons) of PREVENTOL® BIT 20N to use per 1000 lb of hides or skin.

### SEED COATING (Not for use in California)

PREVENTOL® BIT 20N is effective for the protection of in-can preservation of Seed Coatings Materials which includes, but is not limited to, colorants, dyes, seed coatings, and pesticide formulations up to 500 ppm of PREVENTOL® BIT 20N.

PREVENTOL® BIT 20N is exempt from tolerance under 40 CFR 180.920: Materials exempted from the requirements of a tolerance when used in accordance with good agricultural practice as an inert (or occasionally active) ingredients in pesticide formulations applied to growing crops only.

### Recommended Dosages:

Seed Coating ..... 0.05 – 0.50 %  
(0.5 to 5 lb of PREVENTOL® BIT 20N to use per 1000 lb of material to be protected)

LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275  
412-809-1000

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by LANXESS Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases LANXESS from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind LANXESS. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

11/2016