



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 21, 2018

Marcia Croce
Regulatory Affairs Specialist
Lanxess Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject: Notification per PRN 98-10 – Revised Primary Brand Name
Product Name: Preventol BIT 20D II
EPA Registration Number: 39967-77
Application Date: 12/11/2017
Decision Number: 536816

Dear Ms. Croce:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

The primary brand name Preventol BIT 20D II has been added to the product record.

If you have any questions, you may contact Terria Northern at 703-347-0265 or via email at northern.terria@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Zeno Bain", written over a horizontal line.

for

Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

PREVENTOL® BIT 20D II

FOR INDUSTRIAL USE ONLY AS AN ANTIMICROBIAL TO PROTECT AQUEOUS COMPOSITIONS SUCH AS POLYMER EMULSIONS, RUBBER LATEX, 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

KEEP OUT OF REACH OF CHILDREN DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eye wear. 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. Wear long sleeved shirt and long pants, socks, shoes and chemical resistant gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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 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

IN CASE OF EMERGENCY, CALL:

CHEMTREC 1-800-424-9300

INTERNATIONAL 703-527-3887

ACTIVE INGREDIENTS:

1,2-benzisothiazolin-3-one20.5%
INERT INGREDIENT:.....79.5%
Total.....100.0%

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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply in a way that will contact a worker or person. The amount necessary for desired protection, depending on exposure conditions. For further application information refer to the product bulletin.

EPA REG. No.: 39967-77

EPA EST. NUMBER:

Net Contents:

Lot No.:

NOTIFICATION

39967-77

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/21/2018

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 forth 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.

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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.

® Preventol is a registered trademark of LANXESS Corporation

Label Text Date: 12/11/17

LANXESS

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275

LANXESS

Energizing Chemistry

Technical Information Bulletin

PREVENTOL® BIT 20D II

EPA Registration Number: : 39967-77

PREVENTOL® BIT 20D II

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PREVENTOL® BIT 20D II

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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 20D II 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

PREVENTOL® BIT 20D II is effective for the protection of polymer emulsions based on monomers such as acrylate, butadiene, PVA, or styrene; synthetic rubber/latex

Recommended Dosages:

Polymer Emulsions 0.03 – 0.25 %
(0.5 to 1.5 lb of PREVENTOL® BIT 20D II to use per 1000 lb of material to be protected)

Rubber Latex.....up to a maximum of 0.05 weight %
For use in uncured liquid rubber latex used to manufacture repeat-use rubber gloves intended for use in contact with all types of food for use in food handling establishments.

OIL-IN-WATER EMULSIONS

PREVENTOL® BIT 20D II 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 20D II to use per 1000 lb of material to be protected)

METAL WORKING FLUIDS

PREVENTOL® BIT 20D II 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® BIT 20D II 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 lb of PREVENTOL® BIT 20D II to use per 1000 lb of material to be protected)

PAINTS AND COATINGS

PREVENTOL® BIT 20D II 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® BIT 20D II to use per 1000 lb of material to be protected)
COATINGS.....0.05 – 0.25 %
(0.5 to 2.5 lb of PREVENTOL® BIT 20D II to use per 1000 lb of material to be protected)

INKS AND FONT SOLUTIONS

PREVENTOL® BIT 20D II 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® BIT 20D II to use per 1000 lb of material to be protected)

WATER-BASED ADHESIVES

PREVENTOL® BIT 20D II is effective for the protection of water-based adhesives, including animal and plant derived glues, adhesives based on carboxymethylcellulose (CMC) and derivatives, gelatin and/or latex.

Recommended Dosages:

WATER-BASED ADHESIVES.....0.05 – 0.25 %
(0.5 to 2.5 lb of PREVENTOL® BIT 20D II to use per 1000 lb of material to be protected)

AQUEOUS PIGMENT OR MINERAL SLURRIES

PREVENTOL® BIT 20D II 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® BIT 20D II to use per 1000 lb of material to be protected)

BUILDING AND CONSTRUCTION MATERIALS

PREVENTOL® BIT 20D II 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® BIT 20D II** to use per 1000 lb of material to be protected)

PESTICIDE FORMULATIONS

PREVENTOL® BIT 20D II 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® BIT 20D II** to use per 1000 lb of material to be protected)

CLEANING PRODUCTS

PREVENTOL® BIT 20D II 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® BIT 20D II** to use per 1000 lb of material to be protected)

LIQUID LAUNDRY ADDITIVES

PREVENTOL® BIT 20D II 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® BIT 20D II** to use per 1000 lb of material to be protected)

CAR CARE PRODUCTS

PREVENTOL® BIT 20D II 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® BIT 20D II** to use per 1000 lb of material to be protected)

OIL RECOVERY MATERIALS

PREVENTOL® BIT 20D II 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 20D II** to use per 1000 lb of material to be protected **or** 15 to 45 lb of **PREVENTOL® BIT 20D II** to use per 1000 lb of material to be protected of dry polysaccharide added.

SECONDARY OIL RECOVERY FLUIDS

PREVENTOL® BIT 20D II 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 20D II** to use per 1000 lb of material to be protected)

PAPER OR TEXTILE COATINGS

PREVENTOL® BIT 20D II 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 20D II** 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 20D II** 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 20D II** 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 20D II are suggested:**

Shock dosing: Between 2.5 to 9 ounces of **PREVENTOL® BIT 20D II** 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 20D II** 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 20D II** 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.

LEATHER

PREVENTOL® BIT 20D II is effective for the protection of leather processing solutions to preserve the solutions. **PREVENTOL® BIT 20D II** 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 20D II** 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 SOLUTIONS0.025 – 0.20 %
(0.25 to 2 lb of **PREVENTOL® BIT 20D II** to use per 1000 lb of material to be protected)

FRESH ANIMAL SKINS AND HIDES1 to 24 lb (13 fluid ounces to 2.5 gallons) of **PREVENTOL® BIT 20D II** to use per 1000 lb of hides or skin.

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.