



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 12, 2023

Luanne Jeram

Lanxess

Electronic Transmittal: [luanne.jeram@lanxess.com](mailto:luanne.jeram@lanxess.com)

**Subject:** Label Amendment – Enclosed is a minor label amendment for Lanxess product Preventol P 91. This amendment includes removal of the non-specific, generalized statements at the beginning of the Directions for Use section, additional dosage rate units (to include ppm) and includes optional “Not For Use in the State of California” statements.  
Product Name: Preventol P91  
EPA Registration Number: 39967-79  
Received Date: September 15, 2021  
Action Case Number: 00322094

Dear Luanne Jeram:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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. Pursuant to 40 CFR 156.10(a)(6) 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.

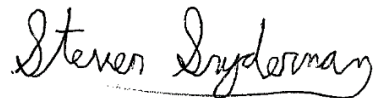
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists 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,

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FIFRA section 12(a)(1)(B). 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 Assurance.

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 Emily Saunders by phone at 202-566-0624, or via email at [saunders.emily@epa.gov](mailto:saunders.emily@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The signature is written in a cursive style with a horizontal line underneath the name.

Steven Snyderman, Product Manager 33  
Regulatory Management Branch II  
Antimicrobials Division (7510M)  
Office of Pesticide Programs

Enclosure: Stamped Final Label

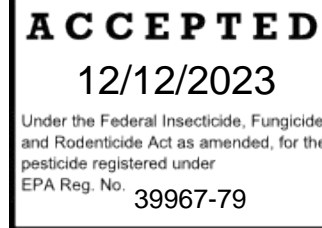
# PREVENTOL® P 91

FOR THE PRESERVATION OF WATER BASED MATERIALS

ACTIVE INGREDIENTS:

2-bromo-2-nitropropane-1,3-diol .....	9.97%
5-chloro-2-methyl-4-isothiazolin-3-one.....	0.8%
2-methyl-4-isothiazolin-3-one.....	0.3%
INERT INGREDIENTS .....	<u>88.93%</u>
TOTAL .....	100.0%

{All text in brackets [xxx] is optional and may or may not be included on a final label.}



## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. Corrosive.** Causes irreversible eye damage and skin irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. This product may cause skin sensitization reactions in some people. Applicators and other handlers must wear protective eye wear, coveralls over long-sleeved shirt and long pants, socks plus chemical-resistant footwear, and chemical resistant gloves. User must wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet. If pesticide gets inside clothing, remove clothing immediately, wash thoroughly, and put on clean clothing. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

[Note to reviewer: First aid statements must be located on the front panel to be consistent with 40 CFR]

#### 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:** Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for further 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. **Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice.**

For medical emergencies, call the poison control center at 1-800-222-1222.

- For general information on this product, call 1-800 LANXESS, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PMPST, or at <http://npic.orst.edu>

The LANXESS Pittsburgh Emergency Response Telephone Number is 800-410-3063

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

® Preventol is a registered trademark of LANXESS Corporation

EPA REGISTRATION NUMBER: 39967-79

EPA Est. No.:

Lot No.:

NET Contents:

**LANXESS**  
Energizing Chemistry

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

[LABEL TEXT DATE: 11/2023

#### DIRECTIONS FOR USE

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

Detailed directions for use can be found in the following pages of the label.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Product must be stored in an area that is not subject to extreme temperatures. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If the container is leaking material for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed below.

**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 DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) then offer drum for recycling or reconditioning, or puncture. Dispose of drum and liner in a sanitary landfill, by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers < 5 gallons in size – Empty the remaining contents into application equipment or a 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 a 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.] [For containers > 5 gallons in size – 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 for 30 seconds, ensuring at least one complete revolution. 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.]

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. 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.

**PREVENTOL® P 91**  
EPA Registration Number 39967-79**DIRECTIONS FOR USE**

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

The following instructions are given as an approximation for each use pattern, but field-testing is required to achieve optimum effectiveness.

Do not apply this product in a way that will contact workers or other persons.

**INDUSTRIAL PRESERVATION USE DIRECTIONS**

For preservation during the manufacture, distribution, storage and use of industrial products PREVENTOL® P 91 is added at any phase of the manufacturing process. It may be added by pre-dissolving in any water to be incorporated into the finished product. Add after any heating stage, or when the product has been cooled below 40°C. Ensure good mixing and even distribution throughout the product.

**WATER-BASED PRINTING INKS AND FOUNTAIN SOLUTIONS** [(Not for Use in the State of California)]

Water-based printing inks: Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

Fountain solutions: Dosage rate (shock dose): 500 – 3,000 ppm (0.05-0.30%) of finished product depending on the contamination. Apply once weekly in the fount reservoir as a normal routine or more frequently, if required.

Fountain solution concentrates: Dosage rate: 5,000 – 60,000 ppm (0.5 – 6.0%)

**ABSORBENT CLAYS, CORN COBS, AND GROUND WOOD** [(Not for Use in the State of California)]

For preservation, impregnate absorbent clays, corn cobs, or ground wood with PREVENTOL® P 91 to inhibit the growth of odor causing bacteria by spraying or pouring solution.

Dosage rate: 1,000 – 3,000 ppm (0.1 – 0.3%) of finished product

**PAINTS AND COATINGS** [(Not for Use in the State of California)]

Dosage rate for latex based paints and coatings: 500 – 3,500 ppm (0.05 – 0.35%) of finished product

**POLYMER EMULSIONS** [(Not for Use in the State of California)]

For the preservation of acrylic, styrene-acrylic, polyvinyl acetate, and other latex emulsions, photographic emulsions, silicone and other antifoam emulsion systems.

Dosage rate: 500 – 3,800 ppm (0.05 – 0.38%) in diluted product

**ADHESIVES** [(Not for Use in the State of California)], **TACKIFIERS** [(Not for Use in the State of California)], **AND SEALANTS** [(Not for Use in the State of California)]

PREVENTOL P® 91 is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices. PREVENTOL P® 91 is recommended as a preservative for tackifiers from rosin and hydrocarbon resins.

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

**MINERAL SLURRIES** [(Not for Use in the State of California)]

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

**CLEANERS AND DETERGENTS** [(Not for Use in the State of California)]

For the preservation of consumer, household and institutional products such as dishwashing liquids, surface cleaners, detergents and polishes, waxes, laundry products, liquid air fresheners/deodorizers, car care products and liquid fabric treatment/refreshers products.

Dosage rate: 500 – 2,000 ppm (0.05 – 0.20%) of finished product

**GENERAL PRESERVATION** [(Not for Use in the State of California)]

For the preservation of industrial products such as pigments, surfactants and raw materials for the manufacture of industrial and consumer products, also industrial water additive formulations for use in processes such as boiler water and waste water products.

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

**BUILDING MATERIALS** [(Not for Use in the State of California)]

Dosage rate: 500 – 2,500 ppm (0.05 – 0.25%) of finished product

**CONCRETE ADMIXTURES** [(Not for Use in the State of California)]

For the preservation of concrete admixtures based on polycarboxylates, lignosulphonates, naphthalene sulphonates, melamine sulphonates and other systems.

Dosage rate: 500 – 5,000 ppm (0.05 – 0.50%) of finished product

**WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES** [(Not for Use in the State of California)]

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

**PAPER MILLS – BULK PAPER** [(Not for Use in the State of California)]

Add PREVENTOL® P 91 directly into the hydropulper, machine chest or stock chest.

Dosage rate (shock dose): 500 – 2,000 ppm (0.05 – 0.20%) daily or weekly

**STARCH AND THICKENER SOLUTIONS** [(Not for Use in the State of California)]

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) of finished product

**PROCESS SYSTEMS USE DIRECTIONS**

To control the growth of microbes in industrial applications, PREVENTOL® P 91 may be dosed directly, or by preparing a stock solution immediately prior to application. For process application treatments PREVENTOL® P 91 may be slug dosed initially when the system is not noticeably fouled and reduced to a maintenance dose once microbial control is evident. More frequent and higher dosing must be used when contamination is heavy. The recommended dosing regimes and the dose rates are as indicated in the individual use area instructions. PREVENTOL® P 91 is stable up to 40°C.

**METAL WORKING FLUIDS** [(Not for Use in the State of California)]

For use in soluble oils, semi-synthetic and synthetic fluids. Add directly to the sump (with agitation) and allow to circulate for about one hour before shutdown. PREVENTOL® P 91 may be incorporated in the metalworking fluid concentrate by the manufacturer who must ensure that any incompatibility will not affect the efficacy.

Dosage rate: 500 – 3,000 ppm (0.05 – 0.30%) in diluted fluid

**PAPER MILL PROCESS WATER** [(Not for Use in the State of California)]

Apply at a convenient point early in the process system (machine chest, constant head box or backwater loop system. Dose PREVENTOL® P 91 one to three times daily at 10 – 250 ppm in the process water. This equates to 0.21 – 5 lbs of PREVENTOL® P 91 per ton of finished paper or paperboard.

**INDUSTRIAL COOLING WATER AND AIR WASHERS** [(Not for Use in the State of California)]

For use in cooling towers, evaporative condensers, open and closed loop cooling and stored (non-potable) water, industrial and/or commercial air washers, air conditioning and humidifying systems.

Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method.

In controlled laboratory efficacy studies against pure Legionella cultures, mixtures of Bronopol and CMIT/MIT has shown some effectiveness. However, there is no evidence that any chemical treatment will control the growth or transmission of the Legionnaire's Disease Bacteria (LDB) under actual operating conditions. Ensure that the cooling water systems be treated with an effective biocide treatment program as well as monitoring the system to ensure control of microbial growth.

Dosage rate – shock dose (initial): 200 – 1,200 ppm (0.02 – 0.12%)

Dosage rate – subsequent dosing (maintenance): 50 – 300 ppm (0.005 – 0.03%)

**OTHER USES****CHEMICAL TOILET DEODORANTS** [(Not for Use in the State of California)]

To inhibit the growth of odor-causing bacteria in toilets, chemical deodorant concentrates should incorporate PREVENTOL® P 91 so that the diluted chemical toilet deodorant contains 500 – 3000 ppm (0.05 – 0.3%) of PREVENTOL® P 91.

**REMARKS**

If you need assistance or information, please call your nearest LANXESS representative, or our Pittsburgh office at 800-LANXESS

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. To the extent consistent with applicable law, 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, when the product is not used as directed. 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.