



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 10, 2017

Blaine Haynes
Regulatory Affairs Representative
Lanxess Corporation
111 RIDC West Park Drive
Pittsburgh, 15275-1112

Subject: Label Amendment – Update Technical Info sheet and make minor edits Product Name: Preventol WB
EPA Registration Number: 39967-9
Application Date: December 01, 2014
Decision Number: 497996

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 me by phone at (703) 308-8075, or via email at luminello.tom@epa.gov.

Sincerely,



Jacqueline Hardy, Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510-P)

Enclosure: Stamped accepted label

Preventol® WB Industrial Microbiocide (Dilutable Concentrate)

PRESERVATIVE FOR THE LEATHER INDUSTRY, FOR THE PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER, GLUES, ADHESIVES, PIGMENT SLURRIES, BUILDING MATERIALS SUCH AS JOINT CEMENTS AND CONCRETE ADDITIVES, METALWORKING FLUIDS, MATERIALS IN THE TEXTILE INDUSTRY, PAPER, POLISHES, WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER, CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment

Applicators and other handlers must wear when mixing, loading, and during application: Hat, long sleeved shirt, and long legged trousers or overalls. Chemical resistant gloves (such as polychloroprene or polyvinyl chloride (PVC/vinyl). Goggles or face shield. Wear dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approval respirator with any R, P, or HE filter.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS

This pesticide is highly 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.

ACTIVE INGREDIENTS:

p-Chloro-m-cresol29.6%

o-Phenylphenol12.5%

OTHER INGREDIENTS57.9%

Total100.0%

PHYSICAL AND CHEMICAL HAZARDS: Avoid contact with eyes and skin. Avoid inhaling vapors or mists. Do not use or store near heat or open flame. Store in original containers away from food and drink. Keep containers tightly sealed. Reseal container immediately after use. Avoid unnecessary contact.

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. 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 by 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 when going in for treatment.

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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

DIRECTIONS FOR USE

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

Detailed information on physical and chemical properties and other detailed directions for use can be found in the Preventol WB Technical Information Sheet. Obtain and read this information before undertaking the use of Preventol WB in order to avoid process mistakes.

NOTE TO USER: For worker protection during mixing, loading and during application, wear a hat, long sleeved shirt, and long legged trousers or overalls. In addition, during mixing and loading, wear polychloroprene or polyvinyl chloride (PVC/vinyl) gloves and protective goggles. Protective clothing should be laundered separately following application. This product must not be used in application which may come in contact with food.

* Preventol is a registered trademark of LANXESS

Paal

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in tightly closed containers in cool, dry locations, away from sources of heat, flame, light, moisture, oxidizing agents and bases.

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. Clean container promptly after emptying. 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 1/4 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.

Drum

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Store in tightly closed containers in cool, dry locations away from sources of heat, flame, light, moisture, oxidizing agents and bases.

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Tote

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Store in tightly closed containers in cool, dry locations away from sources of heat, flame, light, moisture, oxidizing agents and bases.

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, to clean this container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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 or material is spilled 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 above.

Emergencies:

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

EPA REGISTRATION NUMBER: 39967-9

EPA EST. NUMBER:

Net Contents:

Lot No.:

ACCEPTED

02/10/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 39967-9

LABEL TEXT DATE: Z19Z017

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

INTERNATIONAL 703-527-3887

LANXESS Corporation

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

LANXESS

LANXESS

Energizing Chemistry

Product Information

Preventol WB

EPA Registration Number: 39967-9

CAS Number: 15733-22-9 & 132-27-4

INTRODUCTION

Preventol WB prevents damage and deterioration caused by mold and bacteria to leather, glues, adhesives, pigment slurries, building materials (e.g. concrete additives, joint cements), metal working fluids, materials in the textile industry, materials in the paper industry, oil field materials (e.g. drilling muds), polishes, waxes, protein solutions, ceramic glazes, fire extinguishing materials, cleaning solutions and detergents. Due to its special combination of active ingredients, Preventol WB has a wide spectrum of activity, including mold, fungi, bacteria and yeasts. It is readily soluble in water and easy to use.

Uses:

LEATHER	Storage of raw hides	Protection against preservation damage.
	Soaking of hides, particularly dried hides	No damage caused by soaking.
	Pickled pelts	Protection of pelts against mold, even during shipping over long distances.
	Wet Blues	Prevention of mold formation and damage from bacteria, even during prolonged storage and shipping.
	Vegetable tanning floats	No tanning material loss due to mold formation, decomposition or acid formation.
	All types of finished leather	Gives long-lasting leather protection against the formation of mold.

ADHESIVES AND GLUES

PIGMENT SLURRIES, (kaolin-, calcium carbonate- and others)

MATERIALS IN THE BUILDING INDUSTRY, (e.g. concrete additives, joint cements)

METALWORKING FLUIDS

MATERIALS IN THE TEXTILE INDUSTRY

MATERIALS IN THE PAPER INDUSTRY

ADDITIONAL MATERIALS

DIRECTIONS FOR USE :

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

It is advisable to dilute Preventol WB with 2-5 parts of water. This solution must then be added gradually to float or to the product to be preserved. Preventol WB is freely miscible with water. Therefore, lower concentration may be possible.

Physical Chemical Properties

Form Supplied	- Clear, Yellowish brown liquid with a slightly phenolic odor.
Composition	- Combination of phenolic active ingredients, free of pentachlorophenol
Density	- 1.20 – 1.25 g/cm ³ at 20 °C
PH	- 10.5 (0.1% solution in water)
Ionic Charge	- Anionic
Solubility	- Forms a clear solution in water, lower alcohols and glycols
Solidification point	- -8 °C
Flash Point	- Above 100° C
Ignition temperature	- Above 500° C

LEATHER TANNING

For use on salted hides:

Preventol WB (diluted 1:3 with water) is poured onto the salt using a watering can and mixed thoroughly (for example by shoveling). When using a mixer, the Preventol WB solution may also be sprayed onto the salt.

Preventol WB addition on the salted weight: 0.5 - 1%

At least 250-kg raw hide can be satisfactorily preserved with 100 kg of salt containing Preventol WB. At this concentration, Preventol WB does not have a tanning effect and does not affect the grain pattern of the hide.

Raw hides that are supplied already salted and which have to undergo a prolonged period of storage must be protected by adding salt containing Preventol WB.

The addition of 0.5 - 1% Preventol WB, calculated on the weight of the raw hide, appreciably improves the effect of the brine. Where the brine is used several times, after each process, approximately 0.5% Preventol WB must be added (calculated on the raw weight of the hide).

Soaking raw hides, particularly dried hides:

300 - 500 g Preventol WB per m³ must be added to the water to be used for soaking. This prevents the damaging activity of microbes during soaking in warm water.

Pickled Pelts:

0.2 - 0.5% Preventol WB, calculated on the weight of the pelts, must be added to the salt solution. After a running time of approximately 10 minutes, the acids are added as usual.

Preservation during the chrome tannage:

Preventol WB must be diluted with 2 - 5 parts water before use.

Good results are obtained if Preventol WB is used as early as the pickle, and is added a few minutes after the salt. In order to make sure that no Preventol WB remains in the piping, this must be flushed with water. After a running time of approximately 10 minutes, the acid may be added as usual.

If the pickle float is drained off, Preventol WB must be applied at the beginning of the chrome tannage process.

Recommendations for wet blues:

1.2 - 0.3% Preventol WB, based on pelt weight.

1.3 - 0.5% Preventol WB in tropical areas and small animal skins.

When determining the dosage of Preventol WB, climatic conditions, the duration of storage of wet blues and the presence of substances that tend to promote mold formation of chrome leather (ammonia salts, phosphates, surfactants, fatliquoring agents, organic masking agents, etc.) must be taken into account. Therefore, it is only possible to state additions roughly. The optimum addition must be determined by trial for each individual application.

Preservation during vegetable tannage:

Pit Tannage: 50 - 100 g Preventol WB per m³ added to the vegetable tan float is adequate for preservation. The most effective addition must be determined for each case individually. Additions must be diluted 1:2 - 1:3 and must be added gradually while stirring or circulating the float.

Drum Tannage: 0.3 - 0.5% Preventol WB (diluted 1:2 - 1:5 and calculated on pelt weight) is added together with the vegetable tanning substance.

Preservation during retannage:

The preservation of leather is best carried out by adding Preventol WB during the last wet operation, i.e. normally to the fatliquor. To ensure long-lasting protection of the leather against mold, 0.2 - 0.4% Preventol WB, calculated on the shaved weight, must be added. When preparing the fatliquor, dissolve the Preventol WB in the sulfonated or water-soluble fat component, then stir in the untreated oil and emulsify as usual.

ADHESIVES AND GLUES**EFFECTIVE CONCENTRATION**

Bone glues	0.20-0.35%
Skin glues	0.25-0.40%
Casein containing glues	0.35-0.55%
Other animal glues	0.20-0.55%
Starch based glues (liquid)	0.30-0.40%
Starch based glues (solid)	0.40-2.00%
Dextrin adhesives	0.20-0.40%
Cellulose adhesives	0.20-0.40%
Other plant based adhesives	0.20-0.50%
Polyvinyl acetate adhesives	0.15-0.40%
Acrylic adhesives	0.15-0.40%
Styrene butadiene adhesives	0.15-0.40%
Other adhesive emulsions	0.15-0.40%
Gumarabic and similar adhesives	0.20-0.35%

The weight of Preventol WB to be used is based on the total weight of the adhesive formulation. The preservative must be incorporated into the adhesive formulation just following the initial addition of water. To achieve fast and homogeneous distribution throughout the entire product, stirring well. In the production of dry glues, Preventol WB must be added toward the end of thickening in order to minimize any losses of active substance.

PIGMENT SLURRIES**EFFECTIVE CONCENTRATION**

Kaolin slurry	0.025-0.15%
Calcium carbonate slurry	0.020-0.15%
Talcum slurry	0.025-0.15%
Iron oxide slurry	0.020-0.15%

The weight of Preventol WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring well to ensure homogeneous distribution of the preservative throughout the product.

MATERIALS IN THE BUILDING INDUSTRY**EFFECTIVE CONCENTRATION**

Joint cements	0.20-0.40%
Concrete additives	0.35-0.70%
Other materials and auxiliaries	0.20-0.70%

The weight of Preventol WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring well to ensure homogeneous distribution of the preservative throughout the product.

METALWORKING FLUIDS

EFFECTIVE CONCENTRATION

Metalworking fluids-Mineral Oil Based

Metalworking fluids (concentrates)	1.00-4.00%
Metalworking fluids (ready for use)	0.10-0.40%

Metalworking fluids-Non-Mineral Oil Based

Metalworking fluids (concentrates)	1.00-4.00%
Metalworking fluids (ready for use)	0.10-0.40%

Preventol WB can be incorporated into the original concentrate of metalworking fluids (the compatibility with the fluid to be preserved must be evaluated before). Preventol WB is equally suitable for tank side addition.

To achieve fast distribution within the ready-to-use dilution of the metalworking fluid, the preservative must be dosed at a point in the system where good circulation is given

Initial dose: For badly fouled systems, Preventol WB must be added at levels of 0.45 % to 1.20 %. Once control is achieved, add Preventol WB according to the instructions for maintenance treatment.

Subsequent dose: Once biological control is established add Preventol WB at levels of 0.10% to 0.40 %. Do this at the first indication of tank fouling. Testing must be done to determine optimal dose level and frequency of addition of Preventol WB.

Tank cleaning: Metalworking fluid tanks must be drained and cleaned periodically. Frequency of cleaning will depend on factors such as fluid circulation, types of operations being performed and composition of the fluid itself. Testing must be done periodically to evaluate fluid integrity. Complete draining, cleaning and fluid replacement is necessary at least annually.

MATERIALS IN THE TEXTILE INDUSTRY

EFFECTIVE CONCENTRATION

Printing thickeners (liquid)	0.20-0.40 %
Printing thickeners (solid)	0.50-2.50 %
Sizes and finishing agents	0.20-0.40 %
Yarn humidifiers	0.15-0.35 %
Printing thickeners (liquid)	0.20-0.30 %
Other materials and auxiliaries	0.15-0.40 %

The weight of Preventol WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring well to ensure homogeneous distribution of the preservative throughout the product.

In the production of dry printing thickeners, Preventol WB must be added toward the end of thickening to minimize any losses of active substance.

MATERIALS IN THE
PAPER INDUSTRY

EFFECTIVE CONCENTRATION

Filler suspensions and coating compounds	0.15-0.40 %
Rosin paper sizes	0.20-0.40 %
Starch slurries	0.20-0.40 %
Other materials and auxiliaries	0.15-0.40 %

Preventol WB can be metered directly into the products to be preserved following the concentrations as indicated above. Good stirring is necessary to ensure fast and even distribution of the preservative throughout the products. This product is not cleared for food contact paper and additives.

ADDITIONAL MATERIALS

EFFECTIVE CONCENTRATION

Polishing and wax material	0.20-0.50 %
Protein solutions	0.30-0.50 %
Ceramic glazes	0.20-0.30 %
Fire extinguishing materials	0.20-0.40 %
Cleaning solutions, detergents	0.15-0.30%

The concentration of Preventol WB as indicated is based on the total weight of the products to be preserved. For satisfactory results, the preservative must be dispersed evenly throughout the product.

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.