



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 6, 2015

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

Subject: Label Amendment - Adding "Not for Use in California" restriction for certain uses
Product Name: Preventol O extra Preservative
EPA Registration Number: 39967-11
Application Date: December 8, 2014
Decision Number: 498723

Dear Ms. Croce:

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 with FIFRA section 6. If you have any questions, please contact me by phone at (703) 308-8735, or via email at chao.julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao". The signature is fluid and cursive, with a large initial "J" and "C".

Julie Chao, Acting Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

Preventol® O extra Preservative

FOR THE PRESERVATION OF GLUES AND ADHESIVES, THICKENERS (STARCH, CELLULOSE, GUAR, ETC.), LEATHER*, PAPER, TEXTILES, DYES*, TEMPORARY SAPSTAIN CONTROL FOR FRESH CUT LUMBER, CONCRETE ADDITIVES/MASONRY, METALWORKING FLUIDS*, INDUSTRIAL LUBRICANTS*, AIR FILTER OILS, STARCHES, CLAY SLURRIES*, SLURRIES*, PRINTING INKS, GRAPHITE, HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES), AND POLYMER EMULSIONS* (COATINGS, PVA SYSTEMS AND RUBBER) *Not registered for this use in California.

ACTIVE INGREDIENT: o-Phenylphenol -----99.9%
INERT INGREDIENTS ----- 0.1%

KEEP OUT OF REACH OF CHILDREN
DANGER HARMFUL DUST

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Do not breathe dust. Avoid contact with eyes, skin and clothing of either dry material or its solution. Harmful and can be fatal if swallowed or inhaled.

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 eye. 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 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 for treatment.

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

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. As soon as possible, wash thoroughly.

ENVIRONMENTAL HAZARDS

This pesticide 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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

EPA Reg. No. 39967-11

EPA ESTABLISHMENT NUMBER:

LANXESS

LANXESS Corporation

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

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 accompanying technical brochure entitled, "Preventol O extra Preservative Product Information". Obtain and read this information before undertaking the use of Preventol O extra Preservative in order to avoid process mistakes.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: coveralls over long sleeved shirt and long pants, socks and chemical resistant footwear, goggles or face shields, chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, viton). For mixing/loading wear a chemical resistant apron. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store below 122 °F (50 °C) and keep container tightly closed when not in use. Protect product from exposure to light and moisture.

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. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

® Preventol is a registered trademark of LANXESS Corporation.

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:

ACCEPTED

1/6/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 39967-11

LABEL TEXT DATE: 12/8/14

LANXESS

Energizing Chemistry

Product Information

PREVENTOL[®] O EXTRA PRESERVATIVE

EPA Registration Number 39967-11

CAS Number 90-43-7

PREVENTOL[®] O EXTRA PRESERVATIVE

FOR THE PRESERVATION OF GLUES AND ADHESIVES, THICKENERS (STARCH, CELLULOSE, GUAR, ETC.), LEATHER, PAPER, TEXTILES, DYES, TEMPORARY SAPSTAIN CONTROL FOR FRESH CUT LUMBER, CONCRETE ADDITIVES/ MASONRY, METALWORKING FLUIDS, INDUSTRIAL LUBRICANTS, AIR FILTERS OILS, STARCHES, CLAY SLURRIES, SLURRIES, PRINTING INKS, GRAPHITE, HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES, AND CERAMIC GLAZES), AND POLYMER EMULSIONS* (COATINGS, PVA SYSTEMS AND RUBBER) *Not registered for this use in California.

I. 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.

Glues and Adhesives

Preventol O extra Preservative can be dissolved in suitable solvent systems such as ethanol or 1,2-propanediol, or and alkaline homogeneous concentrate can be prepared and added to the substrate for the effective preservation of glues and adhesives. Preventol O extra Preservative can be directly mixed until homogeneous into to dry glues before they are concentrated.

Recommended Dosages:

Bone Glues.....	0.10 - 0.15%
Skin Glues.....	0.15 - 0.40%
Leather Glues.....	0.15 - 0.40%
Fish Glues.....	0.15 - 0.40%
Casein-Containing Adhesives.....	0.20 - 0.40%
Gelatin-Based Glues.....	0.15 - 0.30%
Albumin-Containing Glues.....	0.20 - 0.40%
Starch-Based Glues (Liquid).....	0.10 - 0.25%
Starch-Based Glues (Solid).....	0.15 - 1.00%
Polymer Dispersion-Based Adhesives.....	0.10 - 0.30%
Dextrin-Based Adhesives.....	0.10 - 0.30%
Cellulose-Based Adhesives.....	0.10 - 0.30%
Plant Glues.....	0.10 - 0.25%

Stains and Paints (Not for use in California)

Preventol O extra Preservative is generally incorporated directly into pigments and fillers, but it can also be dissolved in a suitable solvent or added directly to the pre-heated binder system. For best results, the preservative should be homogeneously incorporated into stain or paint. Discoloration may occur, and should be evaluated.

Recommended Dosages:

Latex-Based Systems.....	0.15 - 0.25%
Casein-Systems.....	0.20 - 0.40%
Oil-Containing Systems.....	0.25 - 0.50%
Alkyd Resin-Based Systems.....	0.25 - 0.50%
Synthetic Resin Dispersions.....	0.10 - 0.25%

Leather (Not for use in California)

Preventol O extra Preservative may be dissolved in five times the amount of alcohol and then stirred into pickle solutions. In the case of chrome leather, an effective protection against mold attack may be obtained without additional labor by stirring Preventol O extra Preservative together with soda into the basifying solution, since Preventol O extra Preservative dissolves freely in the alkaline solution.

The oil-soluble Preventol O extra Preservative can also be dissolved in the fat liquor and applied in the drum simultaneously. Finished vegetable-tanned leathers and chrome leathers may also be protected against mold attack by a treatment on both sides of the material with a 0.2 - 0.4% solution of Preventol O extra Preservative.

Recommended Dosages:

Pickle solution and pickle hides	0.15 – 0.25%
Chrome leather (calculated on pelt weight).....	0.10 – 0.25%
Leather pasting adhesives.....	0.05 – 0.10%
Leather pigment finishes.....	0.20 – 0.40%

Textiles

Preventol O extra Preservative should be dissolved in suitable solvents such as ethanol, 1,2-propanediol, mineral spirits, or paraffins or can be converted to a water dilutable alkaline concentrate and applied directly to the textile normally by dipping or spraying. The preservative is affixed to the fiber with a suitable acid like acetic acid. For the preservation of auxiliaries, Preventol O extra Preservative is diluted in solvents as mentioned above or is homogeneously distributed with the aid of alkaline solutions or emulsion concentrates. Print thickeners (Not registered for use in California) are preserved by adding Preventol O extra Preservative directly to the emulsion or homogeneously metered directly into the dried product. Milling may be necessary in order to obtain consistent particulate sizes.

Recommended Dosages:

Awnings and Tarpaulins.....	0.50 – 5.0%
Geotextiles.....	0.50 – 5.0%
Shower Curtains.....	0.50 – 2.0%
Jute, Sisal	0.50 – 2.5%
Felts	0.50 – 2.5%
Carpets	0.50 – 2.0 %
Upholstery.....	0.50 – 2.0%
Cotton Production.....	0.50 – 1.5%
Wool Production	0.50 – 1.5%
Fire Hoses	1.0 – 3.0%
Auxiliaries	
(Sizing Agents, Finishing Agents, Spinning Preparations, Wetting Agents)	0.05 – 0.25%

Temporary Sapstain Control for Fresh Cut Lumber and Other Lumber

Preventol O extra Preservative is converted to alkaline liquid and water dilutable formulations by adding sodium hydroxide or other bases or by preparing emulsion concentrates of Preventol O extra Preservative. Auxiliaries may also be added. For the temporary protection of freshly sawn lumber against staining and molding, Preventol O extra Preservative solutions as prepared above are applied to freshly sawn lumber by either dipping or spraying.

Recommended Dosages:

Fresh Cut Lumber	1.0 – 4.0%
Fruit and Vegetable Containers (Not for use in California)	1.0 – 3.0%
Pallets (Not for use in California).....	1.0 – 3.0%
Construction Woods (Not for use in California).....	1.0 – 4.0 %

Dyes, Pigments and Filler Suspensions (Not for use in California)

Preventol O extra Preservative should be evenly mixed with dispersing agents for processes where the temperature does not exceed 100°C. For all other processes, Preventol O extra Preservative is metered directly into the material to be preserved during the cooling step after the temperature falls below 50° C and homogeneously distributed by stirring.

Recommended Dosages:

Clay Slurries	0.05 – 0.20%
Kaolin Slurries	0.05 – 0.20%
Calcium Carbonate Slurries	0.05 – 0.20%
Iron Oxide Pigment Slurries	0.05 – 0.20%
Carbon Black Pigment Slurries	0.05 – 0.20%
Titanium Dioxide Pigment Slurries	0.05 – 0.20 %
Organic Dyes and Pigment Slurries	0.05 – 0.20%
Starch Slurries	0.05 – 0.30%
Other Filler Suspensions	0.05 – 0.30%

Polymer Dispersions and Emulsions (Not for use in California)

Preventol O extra Preservative is added immediately after the after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active ingredient caused by elevated temperatures should be avoided. For homogeneous distribution, Preventol O extra Preservative should be dissolved in suitable solvents such as ethanol, 1,2-propanediol, water dilutable alkaline solutions then added to emulsion concentrates or polymer dispersions.

Recommended Dosages

Acrylic Systems	0.05 – 0.30%
Polyvinyl Acetate (PVA) Systems	0.05 – 0.30%
Vinyl/Acrylic-Based Systems	0.05 – 0.30%
Styrene Butadiene Systems	0.05 – 0.30%
Polyester-Based Systems	0.05 – 0.30%
Polyurethane-Based Systems	0.05 – 0.30%
Other Polymer Dispersions	0.05 – 0.30%

Lubricoolants and Mineral Oil Based Products (Not for use in California)

Preventol O extra Preservative is dissolved in the necessary amount of mineral oil, auxiliary (for example dispersing agent), solvents such as Ethanol, Glycols or water dilutable alkaline concentrates, and added to form a homogeneous mixture in the substrates (metalworking fluids, etc.,) by stirring.

Recommended Dosages:

Mineral Oil-Based Products

Cooling Fluids – Concentrate	1.0 – 5.00%
Ready for Use	0.05 – 0.25%
Boring and Cutting Oils	0.05 – 0.20%
Fuel Oils	0.02 – 0.15%
Hydraulic Oils	0.05 – 0.25%

Non-Mineral Oil-Based Products

Cutting Oils	0.05 – 0.30%
Cooling Fluids	0.05 – 0.30%

Other Applications

Recommended Dosages:

Concrete and Masonry Additives	0.10 – 0.30%
Biopolymers (e.g. Xanthan) (Not for use in California)	0.05 – 0.20%
Fire Extinguishing Medium	0.10 – 0.30%
Photographic Gelatins (Not for use in California).....	0.05 – 0.25%
Tints (Not for use in California)	0.05 – 0.20%
Cleaning Solutions (Not for use in California).....	0.05 – 0.40%
Wax Emulsions	0.05 – 0.40%
Plasters	0.10 – 0.50%
Chemical Cleaning Solutions (Not for use in California)	0.02 – 0.15%
Concrete	0.10 – 0.50 %
Caulking Materials (Not for use in California)	0.10 – 0.50%
Rubber Systems (Not for use in California)	0.20 – 1.00%
Ceramic Glazes (Not for use in California)	0.10 – 0.50%
Polishes	0.05 – 0.20%
Paper Auxiliaries	0.05 – 0.30%
Paper Slurries	0.07 – 0.10%
Grouts and Mortars (Not for use in California)	0.02 – 0.20%

LANXESS Corporation
111 RIDC Park West Drive
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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.

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