

39967-11

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

March 5, 2008

Heather F. Collins  
Regulatory Affairs Specialist  
**LanXess**  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112

Subject: Product name: Preventol® extra Preservative  
EPA Reg. Number: 39967-11  
Application Date: 31-Jan-2008  
Receipt Date: 01-Feb-2008

Dear Ms. Collins:

The following label and label supplement amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable. A stamped copy of the label is enclosed for your record.

Please note that the Agency is moving away from review of paper submitted registration applications to electronic review of applications. Therefore, we need your help to make this an efficient and convenient process for both you and the Antimicrobials Division. Accordingly, we are asking you to submit future labeling amendments for this product via the electronic labeling process. Refer to the following website for guidance on electronic submissions, including label: [http://www.epa.gov/oppfead1/eds/esr\\_guidance.htm#overallsub](http://www.epa.gov/oppfead1/eds/esr_guidance.htm#overallsub). If you have questions concerning electronic labeling, a list of contacts is available at the following site: <http://www.epa.gov/oppfead1/eds/edsgoals.htm#contacts>

If you have any questions concerning this letter, please contact me by telephone at (703) 308-6422 or by e-mail at [heyward.adam@epamail.epa.gov](mailto:heyward.adam@epamail.epa.gov) during the hours of 8:00 am to 4:00 pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

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

Adam Heyward  
Product Manager (34)  
Regulatory Management II  
Antimicrobials Division (7510P)

# Preventol<sup>®</sup> O extra Preservative

FOR THE PRESERVATION OF GLUES AND ADHESIVES, POLYMER EMULSIONS (COATINGS, PVA SYSTEMS AND RUBBER), 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, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES).

ACTIVE INGREDIENT: o-Phenylphenol	99.9%
INERT INGREDIENTS	0.1%
TOTAL	100.0%

**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 DISPOSAL:** Completely empty bag into applications equipment. Then 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**

MAR - 5 2008

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

LABEL TEXT DATE: 12/18/2007

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# Preventol O extra Preservative

FOR THE PRESERVATION OF GLUES AND ADHESIVES, POLYMER EMULSIONS (COATINGS, PVA SYSTEMS AND RUBBER), 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, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES, AND CERAMIC GLAZES).

## 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 an 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 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

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%

\* Not registered for this use in California (Optional Marketing Statement)

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## Leather

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:

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

\* Not registered for this use in California (Optional Marketing Statement)

## 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 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:

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

## 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.



# Lubricoolants and Mineral Oil Based Products

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%

\* Not registered for this use in California (Optional Marketing Statement)

# Other Applications

## Recommended Dosages:

Concrete and Masonry Additives .....	0.10 – 0.30%
Biopolymers (e.g. Xanthan)* .....	0.05 – 0.20%
Fire Extinguishing Medium .....	0.10 – 0.30%
Photographic Gelatins* .....	0.05 – 0.25%
Tints* .....	0.05 – 0.20%
Cleaning Solutions* .....	0.05 – 0.40%
Wax Emulsions .....	0.05 – 0.40%
Plasters.....	0.10 – 0.50%
Chemical Cleaning Solutions* .....	0.02 – 0.15%
Concrete .....	0.10 – 0.50 %
Caulking Materials* .....	0.10 – 0.50%
Rubber Systems* .....	0.20 – 1.00%
Ceramic Glazes* .....	0.10 – 0.50%
Polishes .....	0.05 – 0.20%
Paper Auxiliaries .....	0.05 – 0.30%
Paper Slurries .....	0.07 – 0.10%
Grouts and Mortars* .....	0.02 – 0.20%

\* Not registered for this use in California (Optional Marketing Statement)

LANXESS Corporation  
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412-803-1000

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