

39967-24

11/24/2009

1/10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

NOV 24 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**FILE COPY**

Heather F. Collins  
Senior Regulatory Affairs Specialist  
LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112

Subject: Notification Application per PR Notice 2007-4  
**Preventol ON Extra Preservative**  
EPA Registration Number: 39967-24  
Application Date: November 4, 2009  
Receipt Date: November 12, 2009

Dear Ms. Collins:

This will acknowledge receipt of your notification, submitted under the provisions of PR Notice 2007-4.

**Proposed Notification:**

Updated Storage and Disposal language

**General Comment:**

Based on a review of the material submitted, the following comment applies:


The notification is acceptable.

Should you have any questions concerning this letter, please contact Heather Garvie at (703) 308-0034 or by email address at [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "ShaRon Carlisle".

ShaRon Carlisle  
(Acting) Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

 <b>United States</b> <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
---	--	-----------------------

**Application for Pesticide - Section I**

1. Company / Product Number <u>39967-24</u>	2. EPA Product Manager <u>Heyward</u>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) <u>Preventol ON Extra Preservative</u>	PM# <u>34</u>	
5. Name and Address of Applicant (include ZIP Code) <u>LANXESS Corporation</u> <u>111 RIDC Park West Drive</u> <u>Pittsburgh, PA 15275-1112</u> <input type="checkbox"/> Check of this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain Below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation: Use additional page(s) if necessary. (For section I and Section II.)**

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.\*

**Section - III**

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No				<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package Wgt	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container			4. Size(s) retail Container		5. Location of Label Directions		
6. Manner in Which Label is affixed to Product			<input type="checkbox"/> Lithograph	<input type="checkbox"/> Paper glues	<input type="checkbox"/> Other _____		
			<input type="checkbox"/> Stenciled				

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary. To process this application.)		
Name <u>Heather F. Collins</u>	Title <u>Senior Regulatory Affairs Specialist</u>	Telephone No. (Include Area Code) <u>412-809-3595</u>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamp)
2. Signature <u>Heather F. Collins</u>		
3. Title <u>Senior Regulatory Affairs Specialist</u>		
4. Typed Name <u>Heather F. Collins</u>		5. Date <u>11/4/09</u>



# PREVENTOL® ON extra Preservative

PREVENTOL ON EXTRA PRESERVATIVE IS EFFECTIVE AGAINST A WIDE VARIETY OF MOLD AND BACTERIA FOR THE PRESERVATION OF GLUES AND ADHESIVES, MATERIAL IN THE BUILDING INDUSTRY (e.g., CONCRETE ADDITIVES, JOINT CEMENTS), METALWORKING FLUIDS, STAINS, PAINTS, DYES, PIGMENTS, POLYMER DISPERSIONS AND EMULSIONS, FILLER SUSPENSIONS, MATERIALS IN THE TEXTILE INDUSTRY, MATERIALS IN THE PAPER INDUSTRY, MATERIALS IN THE OIL INDUSTRY (e.g., DRILLING MUDS), LEATHER, TEMPORARY SAPSTAIN CONTROL FOR LUMBER, AND OTHER MATERIALS SUCH AS POLISHES, WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES.

ACTIVE INGREDIENT: Sodium o-Phenylphenate -----71.7%  
INERT INGREDIENTS: -----28.3%  
TOTAL -----100.0%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER Corrosive:** Causes irreversible eye damage and skin burns. Harmful if absorbed through skin, swallowed or inhaled. Do not get in eyes, on skin or on clothing. Prolonged and repeated contact may cause an allergic reaction in some individuals. Wear goggles, face shield and rubber gloves when handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

#### 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 the 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 going for treatment.**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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 the 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.: 39967-24**

**EPA Est. No.:**

# 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 Product Information brochure. Obtain and read this brochure before using PREVENTOL® ON extra Preservative in order to avoid process mistakes.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep package tightly closed when not in 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 the 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 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.

**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, wear rubber or neoprene gloves and protective goggles. Protective clothing should be laundered separately following application.

\* Preventol is a registered trademark of LANXESS Corporation.

**INTERNATIONAL 703-527-3887**

**Net Contents:**

**Lot No.:**

**NOTIFICATION**  
Date Reviewed: 11/24/09  
Reviewed By: A. [Signature]

LABEL TEXT DATE: DRAFT

3/2

# LANXESS

Energizing Chemistry

Product Information

## PREVENTOL<sup>®</sup> ON extra Preservative

EPA Registration Number 39967-24

CAS Number [132-27-4]

PREVENTOL<sup>®</sup> ON extra Preservative

39967-24

Page 1

# PREVENTOL® ON Extra Preservative

PREVENTOL® ON EXTRA PRESERVATIVE IS EFFECTIVE AGAINST A WIDE VARIETY OF MOLD AND BACTERIA FOR THE PRESERVATION OF GLUES AND ADHESIVES, MATERIAL IN THE BUILDING INDUSTRY (e.g. CONCRETE ADDITIVES, JOINT CEMENTS), METAL WORKING FLUIDS, STAINS, PAINTS, DYES, PIGMENTS, POLYMER DISPERSIONS AND EMULSIONS, FILLER SUSPENSIONS, MATERIALS IN THE TEXTILE INDUSTRY, MATERIALS IN THE PAPER INDUSTRY, MATERIALS IN THE OIL INDUSTRY (e.g. DRILLING MUDS), LEATHER, TEMPORARY SAPSTAIN CONTROL FOR LUMBER, AND OTHER MATERIALS SUCH AS POLISHES, WAXES PROTEIN SOLUTIONS, AND CERAMIC GLAZES

## 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

The weight of PREVENTOL® ON extra Preservative to be used is based on the total weight of the adhesive formulation. PREVENTOL® ON extra Preservative should be incorporated into the adhesive formulation just following the addition of water. To achieve fast and homogeneous distribution throughout the entire product, stirring is recommended. In the production of powdered glues, PREVENTOL® ON extra Preservative should be added toward the end of the thickening in order to minimize any losses of active substance.

### Recommended Dosages:

Bone Glues.....	0.3 - 0.6%
Skin Glues .....	0.3 - 0.6%
Fish Glues .....	0.3 - 0.6%
Leather Glues.....	0.3 - 0.6%
Casein-Containing Adhesives.....	0.5 - 0.9%
Other Animal Glues .....	0.3 - 0.9%
Starch-Based Glues (Liquid) .....	0.3 - 0.6%
Starch-Based Glues (Solid) .....	0.6 - 3.0%
Dextrin-Based Adhesives .....	0.3 - 0.6%
Other Plant-based Adhesives.....	0.3 - 0.6%
Cellulose Adhesives.....	0.3 - 0.6%
Polyvinyl Acetate Adhesives .....	0.2 - 0.6%
Acrylic Adhesives .....	0.2 - 0.6%
Styrene Butadiene Adhesives .....	0.2 - 0.6%
Gumarabic and Similar Adhesives.....	0.3 - 0.6%
Other Adhesive Emulsions .....	0.2 - 0.6%

# Materials in the Building Industry

The weight of PREVENTOL® ON extra Preservative 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 dissolve the preservative. If incorporation happens at later production stages, stirring is recommendable to ensure homogeneous distribution of the preservative throughout the product.

### Recommended Dosages:

Joint cements.....	0.20 - 0.60%
Concrete additives .....	0.20 - 1.00%
Other materials and auxiliaries .....	0.20 - 1.00%

# Metal Working Fluids

PREVENTOL® ON extra Preservative can be incorporated into the original concentrate of metalworking fluids (the compatibility with the fluid to be preserved should be evaluated before). PREVENTOL® ON extra Preservative is equally suitable for tank side addition, which is facilitated by pre-dissolution of the preservative, for example in water. To achieve fast distribution within the ready-to-use dilution of the metalworking fluid, the preservative should be dosed at a point in the system where good circulation is given.

### Recommended Dosages:

#### Metalworking fluids-Mineral Oil Based

Metalworking fluids (concentrates).....	2.5 - 10.0 %
Metalworking fluids (ready for use).....	0.20 - 0.80%
Fuel oils .....	0.03 - 0.23%
Hydraulic oils.....	0.08 - 0.4 %

#### Metalworking fluids-Non-Mineral Oil Based

Metalworking fluids (concentrates).....	2.5 - 10.00%
Metalworking fluids (ready for use).....	0.20 - 0.80%

# Stains and Paints

PREVENTOL® ON extra Preservative is generally incorporated directly into pigments and fillers or added directly into binder systems. 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.....	0.25 - 0.4%
Casein-Systems.....	0.3 - 0.6%
Oil-Containing Systems .....	0.4 - 0.8%
Alkyd Resin-Based Systems.....	0.4 - 0.8%
Synthetic Resin Dispersions .....	0.15 - 0.4%

## Dyes, Pigments and Filler Suspensions

PREVENTOL® ON extra Preservative should be evenly mixed with dispersing agents for processes where the temperature does not exceed 100°C. For all other processes, PREVENTOL® ON 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. The weight of PREVENTOL® ON extra Preservative to be used is based on the total weight of the product to be preserved.

### Recommended Dosages:

Clay Slurries.....	0.03 – 0.15%
Kaolin Slurries.....	0.03 – 0.15%
Calcium Carbonate Slurries.....	0.03 – 0.15%
Iron Oxide Pigment Slurries.....	0.03 – 0.15%
Carbon Black Pigment Slurries.....	0.03 – 0.15%
Titanium dioxide Pigment Slurries .....	0.08 – 0.3 %
Organic Dyes and Pigment Slurries.....	0.03 – 0.15%
Starch Slurries .....	0.03 – 0.15%
Other Filler Suspensions .....	0.03 – 0.15%

## Polymer Dispersions and Emulsions

PREVENTOL® ON 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® ON extra Preservative should be dissolved in water or other suitable solvents and then added to emulsion concentrates or polymer dispersions.

### Recommended Dosages:

Acrylic Systems .....	0.15 – 0.45%
Polyvinyl Acetate (PVA) Systems .....	0.15 – 0.45%
Vinyl/Acrylic-Based Systems .....	0.15 – 0.45%
Styrene Butadiene Systems.....	0.15 – 0.45%
Polyester-Based Systems.....	0.15 – 0.45%
Polyurethane-Based Systems .....	0.15 – 0.45%
Other Polymer Dispersions.....	0.15 – 0.45%

## Materials in the Textile Industry

The weight of PREVENTOL® ON extra Preservative 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 dissolve the preservative. If incorporation happens at later production stages, stirring is recommendable to ensure homogeneous distribution of the preservative throughout the product. In the production of dry printing thickeners, PREVENTOL® ON extra Preservative should be added toward the end of thickening to minimize any losses of active substance.



**Recommended Dosages:**

Printing thickeners (liquid) .....	0.30 – 0.60%
Printing thickeners (solid) .....	2.00 – 4.00%
Sizes and finishing agents .....	0.20 – 0.60%
Spinning preparations .....	0.20 – 0.30%
Yarn humidifiers .....	0.20 – 0.60%
Other materials and auxiliaries .....	0.20 – 0.60%

**Leather**

PREVENTOL® ON extra Preservative may be dissolved in a suitable solvent and stirred into pickle solutions. In the case of chrome leather, an effective protection against mold attack may be obtained by stirring PREVENTOL® ON extra Preservative into the solution.

**Recommended Dosages:**

Pickle solution and pickle hides .....	0.25 – 0.4%
Chrome leather (calculated on pelt weight).....	0.15 – 0.4%
Leather pasting adhesives .....	0.08 – 0.15%
Leather pigment finishes .....	0.3 – 0.6%

**Materials in the Paper Industry**

PREVENTOL® ON extra Preservative can be metered directly into the products to be preserved following the concentrations as indicated above. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the products.

**Recommended Dosages:**

Filler suspensions and coating compounds .....	0.20 – 0.60%
Rosin paper sizes .....	0.30 – 0.60%
Starch slurries.....	0.30 – 0.60%
Other materials and auxiliaries .....	0.20 – 0.60%
Paper Slurries .....	0.20 – 0.60%

**Temporary Sapstain Control for Fresh Cut Lumber and Other Lumber**

PREVENTOL® ON extra Preservative may be diluted in water to prepared concentrates. Auxiliaries may also be added. For the temporary protection of freshly sawn lumber against staining and molding, PREVENTOL® ON extra Preservative solutions as prepared above are applied to freshly sawn lumber by dipping or spraying.

**Recommended Dosages:**

Fresh Cut Lumber.....	1.5 – 6 %
Fruit and Vegetable Containers .....	1.5 – 4.5%
Pallets .....	1.5 – 4.5%
Construction Woods .....	1.5 - 6 %

# Materials in the Oil Industry

The weight of PREVENTOL® ON extra Preservative to be used is based on the total weight of the product to be preserved. To ensure fast and even distribution of the preservative throughout the product, stirring is recommended. In the production of dry products, PREVENTOL® ON extra should be added toward the end of thickening to minimize any losses of active substance.

## Recommended Dosages:

Biopolymers, solid.....	0.80 – 4.00%
(starch, xanthan, galactomannan etc.)	
Biopolymers, liquid .....	0.25 – 0.60%
(drilling muds)	
Other materials and auxiliaries .....	0.25 – 0.60%

# Additional Materials

The concentration of PREVENTOL® ON extra Preservative as indicated is based on the total weight of the products to be preserved. For satisfactory results, the preservative must be distributed evenly throughout the product.

## Recommended Dosages:

Polishing and wax materials .....	0.30 – 0.60%
Protein solutions .....	0.50 – 0.80%
Ceramic glazes.....	0.30 – 0.60%
Biopolymers (e.g. Xanthan) .....	0.08 – 0.38%
Photographic Gelatins .....	0.20 – 0.4 %
Tints .....	0.20 – 0.40%
Wax Emulsions .....	0.20 – 0.6 %
Plasters.....	0.15 – 0.6 %
Caulking Materials .....	0.15 – 0.4 %
Rubber Systems .....	0.3 – 0.8 %

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.