



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 2, 2018

Marcia Croce
Regulatory Affairs Specialist
Lanxess Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject: Label Amendment – Update Dosage Levels for the already approved use pattern
Product Name: Preventol® ON extra Preservative Solution
EPA Registration Number: 39967-23
Application Date: September 21, 2017
Decision Number: 534264

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.

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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 Srinivas Gowda by phone at 703-308-6354, or via email at gowda.srinivas@epa.gov.

Sincerely,



Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division 7510P

Enclosure: Stamped Accepted Label

Preventol[®] ON Extra Preservative Solution

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, CONCRETE ADMIXTURES*, METALWORKING FLUIDS*, AIR FILTER OILS, STARCHES, CLAY SLURRIES*, PRINTING INKS*, GRAPHITE, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES). *Not registered for this use in California

ACTIVE INGREDIENT: Sodium o-Phenylphenate -----20.0%
INERT INGREDIENTS -----80.0%
TOTAL -----100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive: Harmful if swallowed or absorbed through skin. Causes skin burns and irreversible eye damage.

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.

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.

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.

Have the product container or label with you when calling a poison control center or doctor or going 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.

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.

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

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

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LANXESS

LANXESS Corporation

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

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.

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 ON extra Preservative Solution Product Information". Obtain and read this information before undertaking the use of Preventol ON Extra Preservative Solution in order to avoid process mistakes.

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 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. Offer for recycling if available or reconditioning if appropriate. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

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

EPA Reg. No.: 39967-23

EPA Est. No.: 67869-PA-001, 39967-SC-002, 39967-DEU-001

Net Contents:

Lot No.:

LABEL TEXT DATE: 12/17

ACCEPTED

01/02/2018

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 39967-23

LANXESS

Energizing Chemistry

Product Information

PREVENTOL ON EXTRA PRESERVATIVE SOLUTION

EPA Registration Number 39967-23
CAS Number 132-27-4

Preventol ON extra Preservative Solution

FOR THE PRESERVATION OF GLUES AND ADHESIVES, POLYMER EMULSIONS* (COATING, PVA SYSTEMS AND RUBBER), THICKENERS (STARCH, CELLULOSE, GUAR, ETC.), LEATHER*, PAPER, TEXTILES, DYES*, TEMPORARY SAPSTAIN CONTROL FOR FRESHCUT LUMBER, CONCRETE ADDITIVES/MASONRY, CONCRETE ADMIXTURES*, METALWORKING FLUIDS, AIR FILTER OILS, STARCHES, CLAY SLURRIES*, PRINTING INKS*, GRAPHITE, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES). *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 ON extra Preservative Solution is an alkaline solution of o-phenylphenol, which may be used for the effective preservation of glues and adhesives. Preventol ON extra Preservative Solution can be directly added to the substrate or at any point in the glue and adhesive manufacturing process where homogeneous mixing can occur.

Recommended Dosages:

Albumin-Containing Glues.....	1.1 – 2.3%
Bone Glues.....	0.6 – 0.9%
Casein-Containing Adhesives.....	1.1 – 2.3%
Cellulose-Based Adhesives.....	0.6 – 1.7%
Dextrin-Based Adhesives.....	0.6 – 1.7%
Fish Glues.....	0.2 – 2.3%
Gelatin-Based Glues.....	0.9 – 1.7%
Leather Glues.....	0.2 – 2.3%
Plant Glues.....	0.6 – 1.4%
Polymer Dispersion-Based Adhesives.....	0.6 – 1.7%
Skin Glues.....	0.9 – 2.3%
Starch-Based Glues (Liquid).....	0.6 – 1.4%
Starch-Based Glues (Solid)	0.9 – 5.7%

Materials in the Building Industry

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

Recommended Dosages:

Concrete.....	0.6 – 2.8%
Concrete and Masonry Additives.....	0.6 – 1.7%
Concrete Additive as a co-biocide (Not for use in California)+.....	0.05 – 1.7%

+Enhanced protection is achieved if Preventol ON Extra Preservative is combined with a second biocide, e.g. Parachorometacresol [PCMC], or Dazomet.

Use concentration for a combination of Preventol ON Extra Preservative Solution and Parachlorometacresol [PCMC] (2.4:1) in concrete admixtures for in can preservation:

- 0.225 - 0.500% of Preventol ON Extra Preservative Solution when combined with PCMC (calculated on total formula weight) or
- 0.35 to 0.70% of the combination itself (calculated on total formula weight)

Use concentration for a combination of Preventol ON Extra Preservative Solution and Tetrahydro-5,5-dimethyl-2H1,3,5-thiadiazine-2-thione (1:1) in concrete admixtures for in can preservation:

- 0.047 - 0.141 % of Preventol ON Extra Solution when combined with 24% solution of Tetrahydro-5,5-dimethyl-2H1,3,5-thiadiazine-2-thione, at 1:4 ratio (calculated on total formula weight) or
- 0.25 to 0.75% of the combination itself (calculated on total formula weight)

Stains and Paints (Not for use in California)

Preventol ON extra Preservative Solution is generally incorporated directly into pigments and fillers or added directly to the pre-heated binder systems. 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	0.9 – 1.4%
Casein-Systems	1.1 – 2.3%
Oil-Containing Systems	1.4 – 2.8%
Alkyd Resin-Based Systems	1.4 – 2.8%
Synthetic Resin Dispersions	0.6 – 1.4%

Leather (Not for use in California)

Preventol ON extra Preservative Solution may be 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 Solution into the basifing solution.

Finished vegetable-tanned leathers and chrome leathers may also be protected against mold attack by treatment on both sides of the material with a 1.0 – 2.0% solution of Preventol ON extra Preservative Solution.

Recommended Dosages:

Pickle solution and pickle hides	0.9 – 1.4%
Chrome leather (calculated on pelt weight)	0.6 – 1.4%
Leather pasting adhesives	0.3 – 0.6%
Leather pigment finishes	1.2 – 2.3%

Textiles

Preventol ON extra Preservative Solution is an alkaline concentrate that can be added 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 ON extra Preservative Solution should be distributed homogeneously throughout the blend.

Recommended Dosages:

Awnings and Tarpaulins	2.8 – 28.3%
Geotextiles	2.8 – 28.3%
Shower Curtains	2.8 – 11.3%
Jute, Sisal	2.8 – 14.1%
Felts	2.8 – 14.1%
Carpets	2.8 – 11.3%
Upholstery	2.8 – 11.3%
Cotton Production	2.8 – 8.5%
Wool Production	2.8 – 8.5%
Fire Hoses	2.8 – 17.0%
Auxiliaries (Sizing Agents, Finishing Agents, Spinning Preparations, Wetting Agents)...	0.1 – 0.3%

Temporary Sapstain Control for Fresh Cut Lumber and Other Lumber

Preventol ON extra Preservative Solution is effective for the temporary protection of freshly sawn lumber against staining and molding, Preventol ON extra Preservative Solution can be applied by dipping or spraying.

Recommended Dosages:

Fresh Cut Lumber	5.7 – 22.6%
Fruit and Vegetable Containers (Not for use in California).....	5.7 – 17.0%
Pallets (Not for use in California).....	5.7 – 17.0%
Construction Woods (Not for use in California).....	5.7 – 22.6%

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

Preventol ON extra Preservative Solution should be 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	0.3 – 1.1%
Kaolin Slurries	0.3 – 1.1%
Calcium Carbonate Slurries	0.3 – 1.1%
Iron Oxide Pigment Slurries	0.3 – 1.1%
Carbon Black Pigment Slurries	0.3 – 1.1%
Titanium dioxide Pigment Slurries	0.3 – 1.1 %
Organic Dyes and Pigment Slurries	0.3 – 1.1%
Starch Slurries	0.3 – 1.7%
Other Filler Suspensions	0.3 – 1.7%

Polymer Dispersions and Emulsions (Not for use in California)

Preventol ON extra Preservative Solution is added immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active caused by elevated temperatures should be avoided.

Recommended Dosages:

Acrylic Systems	0.3 – 1.7%
Polyvinyl Acetate (PVA) Systems	0.3 – 1.7%
Vinyl/Acrylic-Based Systems	0.3 – 1.7%
Styrene Butadiene Systems	0.3 – 1.7%
Polyester-Based Systems.....	0.3 – 1.7%
Polyurethane-Based Systems	0.3 – 1.7%
Other Polymer Dispersions	0.3 – 1.7%

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

Preventol ON extra Preservative Solution directly to the product to be preserved to form a homogeneous mixture in the substrates (metalworking fluids, etc.,) by stirring.

Recommended Dosages:

Mineral oil-Based Products	
Cooling Fluids – Concentrate.....	5.7 – 28.3%
Ready for use.....	0.3 – 1.4%
Boring and Cutting Oils.....	0.3 – 1.1%
Fuel oils	0.1 – 0.8%
Hydraulic Oils.....	0.3 – 1.4%
Non-Mineral oil-Based Products	
Cutting Oils.....	0.3 – 1.7%
Cooling Fluids.....	0.3 – 1.7%

Other Applications

Recommended Dosages:

Biopolymers (e.g. Xanthan) (Not for use in California).....	0.3 – 1.1%
Fire Extinguishing Medium.....	0.6 – 1.7%
Photographic Gelatins (Not for use in California).....	0.3 – 1.4%
Tints (Not for use in California).....	0.3 – 1.1%
Cleaning Solutions (Not for use in California).....	0.3 – 2.3%
Wax Emulsions.....	0.3 – 2.3%
Plasters.....	0.6 – 2.8%
Chemical Cleaning Solutions (Not for use in California).....	0.1 – 0.8%
Caulking Materials (Not for use in California)	0.6 – 2.8%
Rubber Systems (Not for use in California).....	0.1 – 5.7%
Ceramic Glazes.....	0.6 – 2.8%
Polishes.....	0.3 – 1.1%
Paper Auxiliaries.....	0.3 – 1.7%

Paper Slurries..... 0.4 – 0.6%

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275
412-809-1000

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