

39967-66

2/5/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

FEB - 5 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Luanne Jeram  
**Lanxess**  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112

Subject: **Preventol MP 100 Preservative**  
EPA Registration No. 39967-66  
Application Date: January 7, 2009  
Receipt Date: January 12, 2009

Dear Ms. Jeram:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment:**

- accurately reflect the active concentration
- include a total concentration (100%) line in the ingredient statement
- remove the manufacturing use statement
- include a reference to the label product information document

**Other Comments:**

Future labeling amendments may be accomplished by submitting a copy of the electronic label. Refer to the following website for guidance on electronic submissions, including label: <http://www.epa.gov/pesticides/regulation/registering/submissions/index.htm>.

Enclosed is a copy of the stamped labeling.

**General Comment:**

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-8583 or by e-mail at [mitchell.emily@epa.gov](mailto:mitchell.emily@epa.gov) or Stacey Grigsby by telephone at (703) 305-6440 or by e-mail at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@epa.gov) during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

*Emily Mitchell*  
Emily Mitchell  
(Acting) Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

**Enclosure: EPA stamped labeling**

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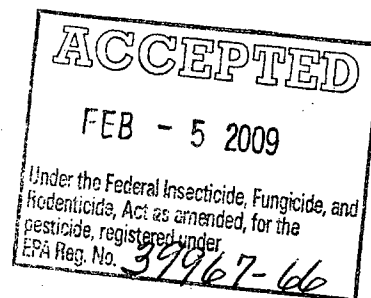
# LANXESS

Energizing Chemistry

Product Information

## PREVENTOL<sup>®</sup> MP 100 PRESERVATIVE

EPA Registration Number 39967-66  
CAS Number: 55406-53-6



# PREVENTOL<sup>®</sup> MP 100 Preservative

FOR THE PRESERVATION OF PAINTS, STAINS, LATEX EMULSIONS, AQUEOUS METALWORKING, CUTTINGS, COOLING AND LUBRICATING FLUIDS AND CONCENTRATES, PAPER COATINGS, PLASTICS AND PLASTICS COATINGS, TEXTILE COATINGS, CANVAS, INKS, WOOD PRESERVATIVES, SAPSTAIN, BUILDING MATERIALS, ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, GROUTS, LATEX USED IN FLOORING ADHESIVES OR CARPET BACKING

ACTIVE INGREDIENT: 3-Iodo-2-propynyl butylcarbamate ----- 99.32%  
INERT INGREDIENTS ----- 0.68%  
TOTAL: ----- 100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER** Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing 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 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.

Have the product container or label with you when calling a poison control center or doctor or when going in for treatment. For emergency information on product, call the National Pesticides Information center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222

The 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 Systems (NPDES) permit and the permitting authority has been notified in writing prior to the 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. Do not contaminate water by cleaning of equipment or disposal of waste. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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

**EPA REGISTRATION NUMBER: 39967-66**

**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.

For use in the following applications:

Paints, stains, latex emulsions, aqueous metalworking, cuttings, cooling and lubricating fluids and concentrates, paper coatings, plastics and plastics coatings, cordage, inks, wood preservatives, sapstain, building materials, adhesives, caulks, patching compounds, sealants, grouts, latex used in flooring adhesives or carpet backing, and for use in unregistered treated article intermediates that will be further manufactured.

Detailed directions for use can be found in the Preventol MP 100 Preservative Product Information document.

#### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long sleeved shirt and long pants, socks, shoes, protective eyewear and chemical resistant gloves. If dusts are generated, wear a NIOSH approved respirator with any N-, R-, P or HE filter. 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

Do not apply this product in a way that will contact workers or other persons. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** This material has a tendency to pack into hard lumps due to its low melting point. Storage temperatures below 90F (32C) and above 32F(0C) are suggested. Store in a dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed.

**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 according to label instructions, contact your State Pesticide or Environmental Control Agency, or hazardous waste representative at the nearest EPA Regional office for guidance.

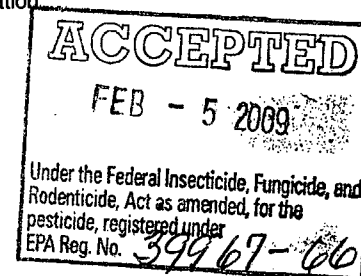
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PREVENTOL<sup>®</sup> is a registered trademark of LANXESS Corporation.

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:



LABEL TEXT DATE: 1/05/2009

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# PREVENTOL<sup>®</sup> MP 100 Preservative

FOR THE PRESERVATION OF PAINTS, STAINS, LATEX EMULSIONS, AQUEOUS METALWORKING, CUTTINGS, COOLING AND LUBRICATING FLUIDS AND CONCENTRATES, AND PAPER COATINGS, PLASTICS AND PLASTICS COATINGS, CORDAGE, INKS, WOOD PRESERVATIVES, SAPSTAIN, BUILDING MATERIALS, ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, GROUTS, LATEX USED IN FLOORING ADHESIVES OR CARPET BACKING

## 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.

### GENERAL USE DIRECTIONS

PREVENTOL<sup>®</sup> MP 100 Preservative is to be used as a fungicide in industrial applications. All protective equipment and user safety recommendations must be strictly followed.

The following are suggested use concentrations and techniques for PREVENTOL<sup>®</sup> MP 100 Preservative. Typical use levels are given for the various applications indicate the approximate levels for the particular application. All use levels are in percentage by weight and refer to the product PREVENTOL<sup>®</sup> MP 100 Preservative. In order to determine the most cost effective use level in a give use, field trials are suggested.

### FOR USE AS A DRY FILM PAINT PRESERVATIVE

This product inhibits the growth of mold and mildew in solvent-based paints and waterborne paints, stains and latex emulsions. For best results, this product should be solubilized in a suitable solvent prior to adding to the paint. Addition of this product should occur at the end of manufacturing process with adequate time and agitation for complete dispersion. Typical levels for protection against mold and mildew on painted surfaces are 0.1-0.5% by weight on wet paint. Where mold and mildew growth is a major problem for painted surfaces, up to 0.8% by weight on wet paint may be used.

### FUNGICIDE IN NON-MEDICAL, NON-FOOD CONTACT AQUEOUS, SOLVENT AND NON-SOLVENT BASED SYSTEMS SUCH AS NATURAL SYNTHETIC ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, GROUTS, LATEXES (SUCH AS STYRENE BUTADIENE RUBBER/LATEX USED IN THE MANUFACTURE OF FLOORING ADHESIVE OR CARPET BACKING)

Used to prevent the growth of molds and mildew in the material both in the wet state and in the dry film of the finished product. Recommended use levels are between 0.02 – 0.5% wet formulation weight. This product should be added toward the end of the production cycle with good agitation to ensure a uniform distribution.

PREVENTOL® MP 100 Preservative should not be used in applications where the treated product may come into contact with food packaging materials or on food contact surfaces.

**Adhesives** – Use 0.025 – 0.5% based on the total product weight. Incorporate with agitation into the makeup water blend. However, where the adhesive is heated, PREVENTOL MP 100 Preservative should be added during the cool-down cycle. Use of this product is not recommended if the heat of processing is above 350°F for prolonged periods.

**Grout and Caulks** – Use at concentrations ranging from 0.05% - 0.5% for preservation of a grout system. Add PREVENTOL® MP 100 Preservative to dry batch of grout material and blend.

**Patching Compounds and Sealants** - PREVENTOL® MP 100 Preservative should be incorporated into the makeup water blend at a recommended dosage of 0.02 – 0.06%.

**AQUEOUS METAL WORKING, CUTTING, COOLING AND LUBRICATING FLUIDS**

To inhibit the growth of microorganism, add an amount that will give up to 1,000 ppm in the diluted fluid. The amount required in the concentrate will depend on the end use dilution. For example, if the desired level of this product in the diluted fluid is 100 ppm, and the end use dilution of the fluid is 5%, then a 0.2% concentration of this product is required in the concentrate.

**AQUEOUS METAL WORKING, CUTTING, COOLING AND LUBRICATING CONCENTRATES**

To inhibit the growth of microorganism, add up to 1,000 ppm, (0.1% w/w) of this product to the diluted fluid (1.0 lbs. per 1000 lbs. of solution or approximately 0.8 lbs per 100 gallons of solution or 1.0 kg per 1000 kg). This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition to ensure mixing.

**PLASTICS AND PLASTIC COATINGS**

This product may be used to prevent surface mold and mildew growth on plastic items such as shower curtains, cable, wire insulation, sun umbrellas, polymer furniture, filter medias, polymer components of carpet, etc. Intended plastics include polymers such as PVC, polyurethanes, elastomers and rubbers, neoprene, styrene compounds, polyolefins, etc. Use levels of 0.05 – 1.0% by weight of the plastic are generally adequate. This product should be dispersed in the plasticizer

or color concentrate before it is incorporated into the resin to ensure a uniform distribution. Use of this product is not recommended if the heat of processing is above 350°F for prolonged periods, nor should it be used in a plastic that will be in contact with food or medical device applications.

**TEXTILE COATINGS OR DYES**

PREVENTOL® MP 100 Preservative may be used to prevent mold and mildew growth in aqueous and solvent based coating or dyes used in textile processing. Not to be use in fabrics for human wear or direct skin contact. PREVENTOL MP 100 should be solubilized in the dye bath or coating pan to minimize mechanical losses and aid in a uniform distribution of the product. Use levels of 0.05 – 0.5% are typically adequate.

**PAPER COATINGS**

PREVENTOL® MP 100 Preservative may be used to prevent mold and mildew growth in aqueous and solvent based coatings applied to paper and cardboard substrates. Paper applications include corrugated cardboard, soap wrappers, wall covers, non-food contact packaging materials, and non-food contact paper tapes. Use levels range from 0.02 – 0.75% of PREVENTOL® MP 100 Preservative by weight. This product should be added at the end of the production cycle with sufficient agitation to prevent possible mechanical losses and ensure a uniform distribution.

**CANVAS**

PREVENTOL® MP 100 Preservative may be used as to prevent mold and mildew growth in both aqueous and solvent based process formulations which coat canvas intended for non-food areas. Typical use levels will range from 0.02 – 1.0% of the process formulations used in the production of these canvases. PREVENTOL® MP 100 Preservative should be added at the end of the production cycle to the process formulation with sufficient agitation to prevent possible mechanical losses and ensure a uniform distribution.

**INKS**

PREVENTOL® MP 100 Preservative may be used to prevent mold and mildew growth in aqueous based ink solutions. Typical use levels are 0.05 – 0.5% based on the total product weight.

**WOOD PRESERVATION**

This product is for above ground use only. All recommendations of use levels are percentage by weight and refer to PREVENTOL® MP 100 Preservative. Dosage ranges are given for the various applications to indicate approximate levels. Field trials must be conducted to determine the exact level of use within these ranges for each application.

PREVENTOL® MP 100 Preservative should be solubilized in a suitable solvent or made into an aqueous dispersion, emulsifiable concentrate or microemulsion and then applied to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mold, mildew, sapstain fungi and wood rotting and decay fungi on these substrates.

Solutions may be prepared by dissolving PREVENTOL® MP 100 Preservative in organic solvents such as glycols, alcohols or aromatic solvents or by dispersion in water. Levels of 0.10% - 1.5% of this product are suggested depending upon the severity of conditions for end use, and the extent of time that protection is required.

**For Freshly Sawn Lumber**, a concentration of 0.2% of this product is suggested as a starting level. A one-minute dip at ambient temperatures in a solution or aqueous dispersion containing 0.2% of this product should be adequate to control the development of mold, mildew and sapstain fungi on the lumber.

Lumber should be treated within 24 hours of cutting. The lumber should be completely immersed in the treating bath. The treating vat should be designed such that it permits easy immersion and removal while minimizing spillage. To add additional product during the treatment process, the proper solution should be prepared in a separate container and then added to the treatment vessel. The vat may be cleaned by emptying and rinsing with a suitable solvent or by use of a detergent. All waste must be handled and disposed of properly.

After treatment, lumber should be stacked in a properly maintained seasoning yard to allow air circulation and with appropriate drainage to prevent water accumulation in any areas. The yard should be kept free of vegetation and debris which may hold moisture and promote growth of mold, mildew, sapstain fungi, and wood rotting and decay fungi.

**For Millwork**, including door and window frames, exterior siding, composite board, plywood and other construction lumber to prevent the growth of mold, mildew, sapstain fungi and wood rotting fungi. The use of PREVENTOL® MP 100 Preservative does not alter the wood's appearance and treated wood may be painted when dry. Once in solution, PREVENTOL® MP 100 Preservative may be applied by dipping, brushing, spraying, or pressure/vacuum treatment. Levels of 0.15% PREVENTOL® MP 100 Preservative may be used for mold and mildew

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control. To control wood rotting and decay fungi, less than 0.2% is not recommended. Concentrations up to 1.0% may be used depending upon the condition of the wood, the nature of the intended exposure and the length of protection desired. When applying by brush or spray, a single layer is usually sufficient.

**For Wood Stains**, PREVENTOL<sup>®</sup> MP 100 Preservative may also be used as an additive to stains designed to be applied to exterior siding, decks, lawn furniture, etc. to prevent the growth of mold and mildew. Use levels of 0.2 – 1.0% PREVENTOL MP 100 Preservative by weight of the final formulation to be added to these materials is recommended.

Do not use on wood that comes in contact with food. Surfaces which may be in continuous contact with skin should be coated with a varnish or lacquer after treatment with PREVENTOL<sup>®</sup> MP 100 Preservative.

**REMARKS**

If you need assistance or information, please call your nearest LANXESS representative, or our Pittsburgh office at 800-LANXESS.

**IN CASE OF EMERGENCY, CALL: CHEMTREC 1-800-424-9300  
INTERNATIONAL (703)-527-3887**

**HAVE THE PRODUCT CONTAINER OF LABEL WITH YOU WHEN CALLING A  
POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.**

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.

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