

39967-75

10/18/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 18 2010

Luanne Jeram
Lanxess Corporation
111R IDC Park West Drive
Pittsburgh, PA 15275-1112

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Subject: Preventol MP 400 D
EPA Registration Number: 39967-75
Amendment Date: July 19, 2010
EPA Receipt Date: July 20, 2010

Dear Ms. Jeram:

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

Proposed Amendment

Update label per PR Notice 2007-4, Container Rule

Conditions

Revise the label as follows:

- 1.) Revise the Technical Bulletin page 4 to be in compliance with PR Notice 2000-5, Mandatory Labeling by deleting the term, recommended. Also, replace the term, should, with "must."
- 2.) Revise the 2nd paragraph under the "Directions for Use" on page 2 of the technical bulletin by deleting the term, recommendations, and stating "instructions" such that it is in agreement with the section heading on the container label.
- 3.) Revise the 2nd to last statement under the "Plastics and Plastic Coatings" directions on page 4 of the technical bulletin by deleting the phrase, not recommended, and stating "Do not use this product if the heat of processing is above 350°F for prolonged periods."
- 4.) Revise the 5th statement under the "Millwork" directions on page 5 of the technical bulletin by deleting the phrase, not recommended, and stating "To control wood rotting and decay fungi, do not use less than 0.5%."

CONCURRENCES

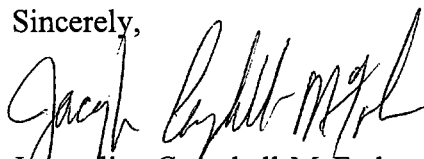
SYMBOL							
SURNAME							
DATE							

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have further questions concerning this letter, please contact me by telephone at (703) 308-6416 or by e-mail at campbell-mcfarlane.jacqueline@epa.gov or Killian Swift of my staff by telephone at (703) 308-6346 email address at swift.killian@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



Jacqueline Campbell-McFarlane
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: EPA stamped label

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Preventol[®] MP 400 D

FOR THE PRESERVATION OF PAINTS, STAINS, AQUEOUS METALWORKING, CUTTINGS, COOLING AND LUBRICATING FLUIDS AND CONCENTRATES, PAPER COATINGS, NON FOOD CONTACT PLASTICS AND PLASTICS COATINGS, TEXTILE COATINGS, CANVAS AND CORDAGE, INKS, WOOD PRESERVATIVES, SAPSTAIN, BUILDING MATERIALS, ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, AND GROUTS

ACTIVE INGREDIENTS: 3-Iodo-2-propynyl butylcarbamate ----- 39.7%
INERT INGREDIENTS ----- 60.3%
TOTAL ----- 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin or clothing. Wear goggles or face shield. Avoid breathing dust or spray mist. 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 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 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 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.

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

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: 99967-75
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, polymer emulsions, aqueous metalworking, cuttings, cooling and lubricating fluids and concentrates, paper and paper coatings, plastics and plastics coatings, textile coatings, canvas and cordage, inks, wood preservatives, sapstain, building materials, adhesives, caulks, patching compounds, sealants, and grouts, and for use in unregistered treated article intermediates that will be further manufactured. See Label Supplement for further use instructions.

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.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long sleeved shirt and long pants, socks, shoes, goggles, face shield and chemical resistant gloves. 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 INSTRUCTIONS

Do not apply this product in a way that will contact workers or other persons. 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 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: Storage temperatures below 104 °F (40 °C) and above 32 °F (0 °C) 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 toxic. 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. Triple rinse (or equivalent). Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or 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.:

OCT 18 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

LABEL TEXT DATE: 7/16/10

39967-75

LANXESS

Energizing Chemistry
Product Information

PREVENTOL[®] MP 400 D

EPA Registration Number 39967-75
CAS Number: 55406-53-6

ACCEPTED
with COMMENTS
EPA Letter Dated:

OCT 18 2010

Under the Federal Insecticide,
Fungicide, and Plant Antifeedant Act as
amended, for the pesticide,
registered under EPA Reg. No.

39967-75

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PREVENTOL® MP 400 D

FOR THE PRESERVATION OF PAINTS, STAINS, AQUEOUS METALWORKING, CUTTINGS, COOLING AND LUBRICATING FLUIDS AND CONCENTRATES, PAPER COATINGS, NON FOOD CONTACT PLASTICS AND PLASTICS COATINGS, TEXTILE COATINGS, CANVAS AND CORDAGE, INKS, WOOD PRESERVATIVES, SAPSTAIN, BUILDING MATERIALS, ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, AND GROUTS.

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. Do not use at rates which exceed the maximum rates indicated on this label.

PREVENTOL® MP 400 D is to be used as a fungicide in industrial applications. All protective equipment and user safety ~~recommendations~~ must be strictly followed. *Instructions*

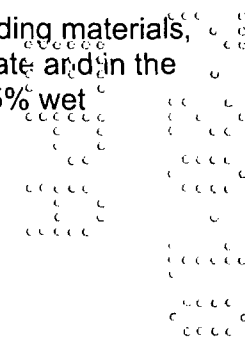
The following are use concentrations and techniques for applying PREVENTOL® MP 400 D. Use levels are given for the various applications and indicate the levels for the particular application. All use levels are in percentage by weight and refer to the product PREVENTOL® MP 400 D. In order to determine the most cost effective use level in a give use, field trials are suggested.

FOR USE AS A DRY FILM PAINT AND COATING PRESERVATIVE

This product inhibits the growth of mold and mildew in solvent-based paints and waterborne paints, stains and coatings. Addition of this product occurs at the end of manufacturing process with adequate time and agitation for complete dispersion. Levels for protection against mold and mildew on treated surfaces are 0.25-1.25% by weight in the wet paint or coating. Where mold and mildew growth is a major problem for treated surfaces, up to 2.00% by weight in the wet paint or coating is to be used.

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

Used to prevent the growth of molds and mildew in adhesives, building materials, grout, caulks, patching compounds and sealants both in the wet state and in the dry film of the finished product. Use levels are between 0.05- 1.25% wet



formulation weight. This product must be added toward the end of the production cycle with good agitation to ensure uniform distribution.

PREVENTOL® MP 400 D is not to be used in applications where the treated product contacts food packaging materials or on food contact surfaces.

Adhesives – Use 0.0625 – 1.25% based on the total product weight. Incorporate with agitation into the makeup water blend. When the adhesive is heated, Preventol MP 400 D must be added during the cool-down cycle.

Building Materials, Grout and Caulks – Use at concentrations ranging from 0.125% - 1.25% for preservation of building materials, grout and caulks. Mix well prior to application.

Patching Compounds and Sealants - PREVENTOL® MP 400 D is incorporated into the makeup water blend at a ~~recommended~~ dosage of 0.05– 0.15%.

METAL WORKING, Cutting, Cooling and Lubricating Fluids

Preventol MP 400 D is incorporated into the original concentrate of metalworking fluids. However, the compatibility with the fluid to be preserved must be evaluated before this method is attempted. Preventol MP 400 D is equally suitable for tank side addition.

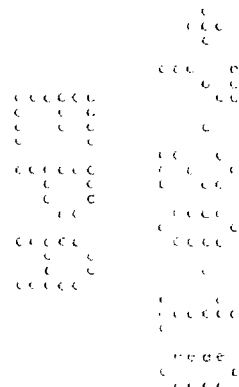
To achieve fast distribution within the ready-to-use dilution of the metalworking fluid, the preservative is to be dosed at a point in the system where good circulation is given.

AQUEOUS METAL WORKING Cutting, Cooling and Lubricating FLUIDS

To inhibit the growth of microorganism, add up to 2500 ppm, (0.25% v/v) of this product to the diluted fluid (0.25 gallons per 100 gallons of solution or 2.5 liters per 1000 liters). This product may be added to the fluid, by pouring from the container 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.

AQUEOUS METAL WORKING Cutting, Cooling and Lubricating CONCENTRATES

To inhibit the growth of microorganism, add an amount that will give up to 2500 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 250 ppm, and the end use dilution of the fluid is 5%, then a 0.5% concentration of this product is required in the concentrate.



PLASTICS AND PLASTICS COATINGS

This product is to be used to prevent surface mold and mildew growth on plastic items including shower curtains, cable, wire insulation, sun umbrellas, polymer furniture, filter media, polymer components of carpet. Intended plastics include polymers such as PVC, polyurethanes, elastomers and rubbers, neoprene, styrene compounds, polyolefins. Use levels of 0.125 – 2.5% by weight of the plastic which will not contact food. This product is 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. Do not use in a plastic that will be in contact with food or medical device applications.

TEXTILE COATINGS OR DYES

PREVENTOL® MP 400 D is used to prevent mold and mildew growth in aqueous and solvent based coating or dyes used in textile processing. Not to be used in fabrics for human wear or direct skin contact. For use as a coating or dye on textile materials used to make awnings, carpet backing, cordage, curtains and sails. PREVENTOL MP 400 D is solubilized in the dye bath or coating pan to minimize mechanical losses and aid in a uniform distribution of the product. Use levels of 0.125 – 1.25% are typically adequate.

PAPER COATINGS

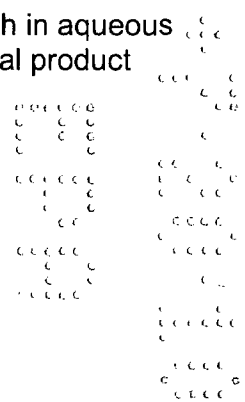
PREVENTOL® MP 400 D is used to prevent mold and mildew growth in aqueous and solvent based coatings applied to paper and cardboard substrates. Paper applications include corrugated cardboard, soap wrappers, wall covers, non-food contact packaging materials, and non-food contact paper tapes. Use levels range from 0.05– 1.875% of PREVENTOL® MP 400 D by weight. This product is added at the end of the production cycle with sufficient agitation to prevent possible mechanical losses and ensure a uniform distribution.

CANVAS

PREVENTOL® MP 400 D is used as to prevent mold and mildew growth in both aqueous and solvent based process formulations which coat canvas intended for non-food areas. Use levels will range from 0.05 – 2.5% of the process formulations used in the production of these canvases. PREVENTOL® MP 400 D is 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 400 D is used to prevent mold and mildew growth in aqueous based ink solutions. Use levels are 0.125 – 1.25% based on the total product weight.



WOOD PRESERVATION

This product is for above ground use only. Use levels are percentage by weight and refer to PREVENTOL® MP 400 D. Dosage ranges are given for the various applications to indicate the range of approximate levels. Field trials must be conducted to determine the exact level of use within these ranges for each application.

PREVENTOL® MP 400 D is applied to new lumber, plywood, particle board, millwork to prevent the growth of mold, mildew, sapstain fungi and wood rotting and decay fungi on these substrates.

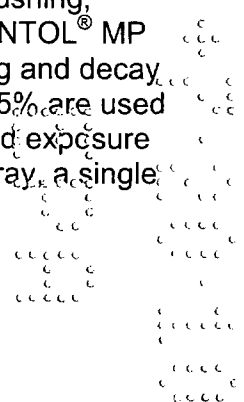
Solutions are prepared by dissolving PREVENTOL® MP 400 D in organic solvents such as glycols, alcohols or aromatic solvents or by dispersion in water. Levels of 0.25% - 3.0% of this product are suggested depending upon the severity of conditions for end use, and the extent of time that protection is required.

Freshly Sawn Lumber, A one-minute dip at ambient temperatures in a solution or aqueous dispersion containing 0.5% of this product is adequate to control the development of mold, mildew and sapstain fungi on the lumber.

Lumber must be treated within 24 hours of cutting. The lumber must be completely immersed in the treating bath. The treating vat must be designed such that it permits easy immersion and removal while minimizing spillage. To add additional product during the treatment process, the proper solution must 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 use of a detergent. All waste must be handled and disposed of properly.

After treatment, lumber must 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 must 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 400 D does not alter the wood's appearance and treated wood may be painted when dry. Once in solution, PREVENTOL® MP 400 D is applied by dipping, brushing, spraying, or pressure/vacuum treatment. Levels of 0.375% PREVENTOL® MP 400 D are used for mold and mildew control. To control wood rotting and decay fungi, less than 0.5% is not [REDACTED]. Concentrations up to 2.5% are 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.



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For Wood Stains, PREVENTOL® MP 400 D is also 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 0.5 – 2.5% Preventol MP 400 D by weight of the final formulation can be applied to these materials.

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® MP 400 D.

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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