



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
39967-121

Date of Issuance:
11/08/2012

Term of Issuance:
Unconditional

Name of Pesticide Product:
**PREVENTOL A 12 TK-50
PRESERVATIVE**

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No. D-466279) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Symbol to read, "EPA Reg. No. 39967-121".

Signature of Approving Official:

Jacqueline Campbell Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

11/08/2012

b. Add the following section before the Environmental Hazards

Safety Requirements

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users must remove clothing/PPE immediately if pesticide get 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 and change into clean clothing.

c. Add the following section must appear after the Precautionary Statements:

Personal Protective Equipment (PPE)

Mixers and loaders using liquid formulations must wear:

- long-sleeved shirt and long pants
- shoes and socks
- chemical-resistant gloves

d. According to the Label Review Manual Chapter 11 Section III Enforceability of

Directions for Use and PR Notice 2000-5, Mandatory Labeling. **“Any direction or precaution that is necessary to achieve effective, safe use of the product must be stated in mandatory terms (e.g., must, will, do not).** The use of terms such as **“can”, “should” or “may”** if the statement is intended to be mandatory is unacceptable. (Refer to *PR Notice 2000-5* and *Chapter 3* of this manual for more information on mandatory versus advisory language.”

Therefore, the terms **“should be” or may be”** must be deleted and replaced with mandatory terms as follows:

Decay and Stain Protection section top sentence on page 4

Treatment must be kiln dried.....

Treatment section sentences 3 and 5 -page 4

Wood products to be treated by bundle-dipping process must be completely immersed....

Pressure treatment must be performed according.....

Finishing section sentence 1 -page 4

..treated wood must be completely dry and order-free.

Cooling Tower Wood section sentences 3,6 and 7 -page 4

The amount applied must provide 0.12 to 0.25 pounds.....

The dosage must provide 0.8 pounds of

The shock treatment must be repeated every four months.

Rubber and Plastic Products section sentence 2 has **“may be”** –page 6

.....A 12-TK 50 Preservative must be added at rates.....

Rubber and Plastic Products top sentence on page 7

Testing must be done to confirm compatibility.....

Textiles, Fabric Fibers section sentence 3 page 7

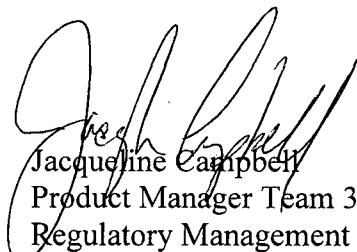
The material must be added at an appropriate manufacturing....

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Should you have any questions regarding this letter, please contact me by telephone (703) 308-6416 or by email at Campbell-mcfarlane.jacqueline@epa.gov or Glen McLeod by telephone at (703) 347-0181 or by email at mcleod.glen@epa.gov. When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,



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

Enclosure:

Preventol® A 12 TK-50 Preservative

PRESERVATIVE FOR INDUSTRIAL AND COMMERCIAL USES

ACTIVE INGREDIENT: 1-(2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole-----50.0%
INERT INGREDIENTS-----50.0%
TOTAL-----100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye irritation. Do not get into eyes, on skin, or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES: Hold eyes 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. 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 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.

NOTE TO PHYSICIAN: There is no specific antidote. Induce emesis or lavage stomach. Give a saline laxative and supportive therapy. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Call LANSXESS Pittsburgh Emergency Response Telephone Number is 800-410-3063

ENVIRONMENTAL HAZARDS

This product 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 the discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the 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-XX
EPA Est. No.:

LANSXESS

LANSXESS Corporation

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

LABEL TEXT DATE: 6/6/12

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Labeling directions, precautionary statements and restrictions for any other products mentioned must be followed.

FOR DETAILED DIRECTIONS FOR USE, PLEASE REFER TO THE LANSXESS CORPORATION LABEL SUPPLEMENT. Read these entire Directions before using Preventol A 12 TK-50 Preservative.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal law. Pesticide, mixtures, or equipment rinse waters that cannot be chemically reprocessed must be disposed of according to applicable federal, state or local procedures. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank for store rinsate for later use or disposal. Repeat this procedure two times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Preventol is a registered trademark of LANSXESS Corporation
Produced for LANSXESS Corporation

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

NOV 8 2012

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

39967-121

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:

5

PREVENTOL® A 12 – TK 50 Preservative

PRESERVATIVE FOR INDUSTRIAL AND COMMERCIAL USES

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 required to achieve optimum effectiveness.

GENERAL USE DIRECTIONS

PREVENTOL® A 12-TK 50 Preservative is for use in industrial applications.

The following are suggested use concentrations and techniques for PREVENTOL® A 12-TK 50 Preservative. Typical use levels that are given for the various applications indicate the approximate levels for the particular application. All use levels are in percentage by weight – to confirm after other label text complete and refer to the product PREVENTOL® A 12-TK 50 Preservative unless otherwise stated as active ingredient level. In order to determine the most cost effective use level in a given use, field trials are suggested.

SAPSTAIN AND MOLD CONTROL:

PREVENTOL® A 12-TK 50 Preservative is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other manufactured wood products. Examples of other wood products include:

Logs: Fungal staining can be inhibited in freshly debarked logs used for log home construction, export, yarding prior to sawing and other purposes.

Wood Finish: Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with PREVENTOL® A 12-TK 50 Preservative.

Wood Chips/Saw Dust: Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.

Plywood Veneer: Treatment with PREVENTOL® A 12-TK 50 Preservative is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to stain and mold development that can interfere with appearance or laminating adhesive performance.

PREVENTOL® A 12-TK 50 Preservative is applied by dipping or spraying the wood until complete surface wetting is achieved. For bulk dip tanks PREVENTOL® A 12-TK 50 Preservative is diluted by using 0.065 – ½ gallon of PREVENTOL® A 12-TK 50 Preservative in 100 gallons of water. Agitate vigorously until completely dispersed. For conventional spray systems a 0.25% to 2% PREVENTOL® A 12-TK 50 Preservative spray solution is used. For example, in a 100 gallon day tank, 0.12 to 1 gallons of PREVENTOL® A 12-TK 50 Preservative are added to the day tank and then enough water is added to bring the total volume up to 100 gallons of solution. In electrostatic spray applications, PREVENTOL® A 12-TK 50 Preservative dilution is not required, treatment strength is varied by number of application nozzles used and line speed. Rates, for all applications used, will vary according to temperature, humidity, wood moisture, storage conditions, etc. Contact your local PREVENTOL® A 12-TK 50 Preservative product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of PREVENTOL® A 12-TK 50 Preservative in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber should be treated within 24 hours.

For sapstain application, treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland or river to prevent possible runoff of the product into the waterway. Treated lumber stored within 100 feet of a pond, lake, steam, wetland, or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway. If a berm or curb is used around the site, it should consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.

DECAY AND STAIN PROTECTION:

Description: PREVENTOL® A 12-TK 50 Preservative is a wood preservative concentrate which requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

Treated wood shall not be used in the construction of beehives.

Product Uses: For application to millwork, shingles and shakes, siding, plywood, and structural lumber & composites that are used in above ground applications only. Do not use on wood which will come in contact with food.

Wood Preparation: Machine, cut, glue, and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure

treatment should be kiln dried or air seasoned to a moisture content of about 25% or less, that will permit adequate penetration of preservative during treatment.

Treatment: Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell). For non-pressure application methods, mix 1 to 2 gallons of PREVENTOL® A 12-TK 50 Preservative with water to achieve 100 gallons of treating solution at the concentration of 0.5 – 1% a.i., respectively. Wood products to be treated by the bundle-dipping process should be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coater or flood shall be treated for not less than fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood. Pressure treatment should be performed according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A minimum propiconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Any surface, cut after first treatment, should be retreated using 1% a.i. concentration solution.

Finishing: Before glazing, staining, painting, varnishing, or application of water repellents, treated wood should be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant production. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.

Clean-up: Use water to remove wet PREVENTOL® A 12-TK 50 Preservative from all surfaces, brushes and rollers.

COOLING TOWER WOOD:

Use PREVENTOL® A 12 Preservative to protect cooling tower wood against surface rot and internal or dry rot. Apply by spraying or painting a solution containing 0.5% to 1.1% PREVENTOL® A 12-TK 50 Preservative in water onto the clean wood surfaces. The amount applied should provide 0.12 to 0.25 pounds PREVENTOL® A 12-TK 50 Preservative per 1000 sq. ft. of wood surface. Surface rot can also be inhibited by a periodic shock dose of PREVENTOL® A 12, Preservative to the re-circulating cooling water at the tower basin or cold well. The dosage should provide 0.8 pounds of PREVENTOL® A 12-TK 50 Preservative per 1000 gal. of water and the bleedoff should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every four months.

IN CONTAINER PRESERVATIVE USES FOR FILM-FORMING COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES AND BINDERS)

PREVENTOL® A 12-TK 50 Preservative provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 – 2.5% (0.05 – 1.25% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, adhesives or emulsions and slurries used in their manufacture. Sufficient mixing to ensure adequate dispersion is required. PREVENTOL® A 12-TK 50 Preservative cannot be used in adhesives applied to food packaging.

IN CONTAINER PRESERVATIVE USES FOR PENETRATING (SOLVENT-BASED) STAINS

PREVENTOL® A 12-TK 50 Preservative provides control of fungi causing discoloration, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 – 0.8% (0.05 – 0.4% propiconazole), based on the total weight of the penetrating stain.

IN CONTAINER PRESERVATIVE FOR INK

PREVENTOL® A 12-TK 50 Preservative provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 – 2.5% (0.05 – 1.20% propiconazole), based on the total weight of the ink.

DRY FILM PRESERVATIVE OF COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES AND BINDERS)

PREVENTOL® A 12-TK 50 Preservative provides control of mold and mildew fungi causing stain, odor, or film degradation when used as a dry film preservative at levels between 1.0 – 2.5% (0.5 – 1.25% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, and adhesives. Sufficient mixing to ensure adequate dispersion is required. PREVENTOL® A 12-TK 50 Preservative cannot be used in adhesives applied to food packaging. Preserved coating can be applied by brush, roller, or airless sprayer.

PENETRATING WOOD PRESERVATIVES AND WOOD PRESERVATIVE STAINS

PREVENTOL® A 12-TK 50 Preservative provides control of decay and stain fungi on wood treated at levels between 0.5 – 1.6% (0.25 – 0.8% propiconazole), based on the total weight of the wood preservative or wood preservative stain, Preserved stain can be applied by brush, roller or low pressure hand wand.

PAPER, WALLBOARD (DRY WALL AND GYPSUM BOARD) AND PAPERBOARD PRODUCTS

PREVENTOL® A 12-TK 50 Preservative will inhibit fungal mold and mildew growth which causes discoloration, odor and degradation in paper, wallboard, and paperboard. Apply with thorough agitation.

PREVENTOL® A 12-TK 50 Preservative can be added to the wet end of a paper machine at rates such that 0.1 to 2.5 pounds active ingredient are retained per ton of dry fiber. Alternately, application may be made at the size press, water box or dry end of the paper machine at rates such that 0.1 to 2.5 pounds of active ingredient are retained per ton of dry paper. Regardless of application method, the maximum rate of application shall be such that not more than 2.5 pounds active ingredient are retained per ton of dry paper. PREVENTOL® A 12-TK 50 Preservative may be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 0.05 to 0.6 pounds of active ingredient per 1000 pounds of formulation (i.e. wet slurry) or 0.1 to 1.2 pounds of PREVENTOL® A 12-TK 50 Preservative per 1000 pounds of formulation .

PREVENTOL® A 12-TK 50 Preservative cannot be applied to paper or paper products that come into contact with food.

CEILING TILES

To inhibit the growth of fungi in ceiling tiles and in mineral-based building materials used in the manufacture of ceilings, add 0.5 to 4.25 pounds of active ingredient per 1000 pounds of formulation (i.e., wet slurry) or 1 to 8.5 pounds of PREVENTOL® A 12-TK 50 Preservative per 1000 pounds of formulation.

PREVENTOL® A 12-TK 50 Preservative can be added at any time during the formulation procedure.

RUBBER AND PLASTIC PRODUCTS

- 1 PREVENTOL® A 12-TK 50 Preservative will control mold and mildew on rubber and plastic products such as curtains, bath mat, and thermoplastic rubber.
- 2 PREVENTOL® A 12-TK 50 Preservative may be added at rates from 0.1 to 0.5% active ingredient by weight. The temperature stability of PREVENTOL® A 12-TK 50 Preservative may be influenced by the choice of heat stabilizer and plasticizer