



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

39967-129

Date of Issuance:

10/23/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Preventol A12 TK-45 Preservative

Name and Address of Registrant (include ZIP Code):

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

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 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 is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

10/23/15

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Propiconazole GDCI-EPA-HQ-OPP-2005-0497
 - b. Iodo-2-Propynl N-Butylcarbamate (IPBC): EPA-HQ-OPP-2011-0420

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 39967-129.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/14/2015
- Alternate CSF 1 dated 10/14/2015
- Alternate CSF 2 dated 10/14/2015
- Alternate CSF 3 dated 10/14/2015
- Alternate CSF 4 dated 10/14/2015
- Alternate CSF 5 dated 10/14/2015
- Alternate CSF 6 dated 10/14/2015
- Alternate CSF 7 dated 10/14/2015
- Alternate CSF 8 dated 10/14/2015
- Alternate CSF 9 dated 10/14/2015

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Decision No. 501794

If you have any questions, please contact Tom Luminello by phone at (703) 308 8075, or via email at luminello.tom@epa.gov.

Sincerely,

A handwritten signature in cursive script, reading "Jacqueline Hardy", enclosed within a faint, light-colored rectangular border.

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

Enclosure: Stamped Accepted Label dated 10/23/2015

Preventol® A12 TK-45 Preservative

FOR THE PRESERVATION OF SAPSTAIN CONTROL FOR FRESH CUT LUMBER, DECAY AND STAIN PROTECTION, PAINTS & COATINGS, CAULKS, SEALANTS, ADHESIVES, INKS, RUBBER & PLASTICS, GYPSUM BOARD, CEILING TILES, PLASTER & STUCCO, TEXTILES AND METALWORKING FLUIDS

ACTIVE INGREDIENTS: (w/w) Propiconazole: 1-(2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole-----34.5%
3-Iodo-2-propynyl butylcarbamate-----16.5%
INERT INGREDIENTS: (w/w)-----49.0%
TOTAL-----100.0%

Contains petroleum distillates, xylene or xylene range aromatic solvents

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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. **PERSONAL PROTECTIVE EQUIPMENT:** Applicators and other handlers must wear: Long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves (such as Barrier Laminite, or any of the following gloves at > 14 mils thickness: butyl nitrile, neoprene rubber, or Viton), safety glasses, goggles or face shield.

USER SAFETY REQUIREMENTS AND RECOMMENDATIONS: Follow the manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions exist for washables, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

USER SAFETY RECOMMENDATIONS

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. User should remove personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS

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 permit 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.

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 LANXESS CORPORATION LABEL SUPPLEMENT.** Read these entire Directions before using Preventol A12 TK-45 Preservative.

IN CASE OF EMERGENCY, CALL: **CHEM-TREC 1-800-424-9300 International: 703-527-3887**
EPA Reg. No.: 39967-129
EPA Est. No.:

Net Contents:

Lot No.:

LANXESS

LANXESS Corporation

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

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 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: No specific antidote is available. Treat symptomatically. 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.

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

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 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: 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

more 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 LANXESS Corporation
Produced for LANXESS Corporation

ACCEPTED
Sanitary landfill, or by other procedures

10/23/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 39967-129

LABEL TEXT DATE: 10/22/15

LANXESS

Energizing Chemistry

Label Supplement

PREVENTOL[®] A12 TK- 45 Preservative

EPA Registration Number 39967-129

PREVENTOL[®] A12 TK- 45 Preservative

FOR THE PRESERVATION OF SAPSTAIN CONTROL FOR FRESH CUT LUMBER, DECAY AND STAIN PROTECTION, PAINTS & COATINGS, CAULKS, SEALANTS, ADHESIVES, INKS, RUBBER & PLASTICS, GYPSUM BOARD, CEILING TILES, PLASTER & STUCCO, TEXTILES AND METALWORKING FLUIDS

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.

Adhesives

This product may not be used in food grade/food contact adhesives.

Preventol A12 TK-45 Preservative can be dissolved in water based and suitable solvent systems such as aromatic solvents or combination of aromatic and aliphatic solvents. This solution can be added during the let-down process or added directly to the finished product.

Dosages: 0.15 – 0.40%

Paints and Coatings

Preventol A12 TK-45 Preservative can be dissolved in water based and suitable solvent systems such as aromatic solvents or combination of aromatic and aliphatic solvents. This solution can be added during the let down process or added directly to the finished product. For thin water-based latex emulsion formulation, premix the Preventol A12 TK-45 Preservative with the wetting agent(s) and add to the pigment slurry during the let down process or directly into the finished product.

Dosages:

Internal 0.15 – 0.40%

External 0.15 - 2.0%

Caulks and Sealants

Preventol A12 TK-45 Preservative can be dissolved in suitable solvent systems such as aromatic solvents or combination of aromatic and aliphatic solvents. This solution can be added during the let down process or added directly to the finished product.

Dosages: 0.15 – 1.00%

Inks & Fountain Solutions

Preventol A12 TK 45 Preservative can be dissolved in suitable solvent systems such as aromatic solvents or combination of aromatic and aliphatic solvents. This solution can be added during the let down process or added directly to the finished product.

Dosages: 0.15 – 0.40%

Textiles

Preventol A12 TK 45 Preservative should be added at an appropriate manufacturing step to ensure adequate mixing and uniform distribution through the finished product. Preventol A 12 TK-45 Preservative can be applied by dye incorporation, pad, exhaust, or spray application.

Dosages:

Fabrics and Fibers – e.g. acetate, acrylic, acrylonitrile butadiene styrene	Max 0.3%
Natural Fibers –e.g. cotton, paper, wool, etc...	Max 0.3%
Nitrile Copolymers	Max 0.3%
Nylon, Polyester, Polyethylene, Polypropylene rayon Max 0.3%
Rubber (natural & synthetic) Max 0.3%
Textile Coatings & finishes composed of silicone, urethane or vinyl Max 0.3%

Metalworking Fluids

Preventol A12 TK-45 Preservative can be added to the fluid concentrate or the diluted metalworking fluid.

Dosages:

Concentrates	0.050-1.00%
Tankside	0.005-0.10% in diluted fluid

Plaster and Stucco

Preventol A12 TK 45 Preservative provides control of fungi and algae in plaster and stucco, when used as an in can preservative. Add 1 to 10 lbs (0.45-4.5 Kg) of Preventol A12 TK 45 Preservative to each 1000 lbs (453 Kg) of plaster or stucco.

Dosages:

Concentrates	0.1-1.00%
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Paper, Wallboard (Drywall and Gypsum Board) and Paperboard Products

Preventol A12 TK-45 Preservative may be used to protect wallboard, paper and paperboard products which do not come into contact with food. Examples of paper products which are unlikely to use in food contact and which may be protected with Preventol A12 TK-45 Preservative are wallboard, insulation backing, newsprint, photographic paper and drawing paper.

Incorporate the Preventol A12 TK-45 Preservative by mixing into the formulation. Manufacturing procedure should also include mixing of the Preventol A12 TK-45 Preservative when adding to the components of drywall. Apply Preventol A12 TK-45 Preservative to the white water, size press, water box or dry end to retain 2.63 to 10.50 pounds of formulated product per ton of dry paper. Regardless of application method, the maximum retention rate shall not exceed 10.50 pounds of product per ton of dry paper.

Preventol A 12 TK-45 Preservative may be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 0.25 to 0.8 pounds of formulated product per 1000 pounds of dry gypsum.

Dosages:

Concentrates	0.025- 0.08%
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Ceiling Tiles

Preventol A12 TK-45 Preservative provides control of fungi in plaster and stucco, when used as an in can preservative. Add 1 to 10 lbs (0.45-4.5 Kg) of Preventol A12 TK-45 Preservative to each 1000 lbs (453 Kg) of plaster or stucco.

Dosages:

Concentrates	0.1-1.00%
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Plastics and Rubber

Preventol A12 TK-45 Preservative provides control of fungi and mildew in plaster and stucco, when used as an in can preservative on rubber and plastic products such as curtains, bath mat, and thermoplastic

Preventol A12 TK-45

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rubber. Preventol A12 TK-45 Preservative must be added at a dosage level of 0.1-0.5% active ingredient by weight. The temperature stability of Preventol A12 TK-45 Preservative may be influenced by the choice of heat stabilizer and plasticizer in the formulation. Testing must be done to confirm compatibility of Preventol A 12 TK-45 Preservative with the specific rubber or plastic products.

Dosages:

Concentrates

0.10-0.50%

Sapstain Control for Fresh Cut Lumber

Preventol A12 TK-45 Preservative is used to control sapstain and mold in freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. Preventol A12 TK-45 Preservative is applied by dipping or spraying the wood until the surface is uniformly covered. The diluted solutions should be vigorously stirred until completely dispersed. Rates of all applications will vary according to temperature, humidity, wood moisture, storage conditions, etc. Acceptable performance may be obtained at the lower use rate on kiln dried lumber that is stored for only a short period under dry conditions, while a higher rate typically is used on green lumber or wood that become wet intermittently or are stored for long periods.

Dosages:

Fresh cut hardwood and softwood lumber

Bulk Dip Tanks	0.05 – 0.375%
Conventional Spray	0.10 – 0.75%
Electrostatic Spray Systems	See Notes Below

Logs, Wood Furnish

Bulk Dip Tanks	0.05 – 0.375%
Conventional Spray	0.10 – 0.75%
Electrostatic Spray Systems	See Notes Below

Wood Chips/Saw Dust

Bulk Dip Tanks	0.05 – 0.375%
Conventional Spray	0.10 – 0.75%
Electrostatic Spray Systems	See Notes Below

Plywood Veneer

Bulk Dip Tanks	0.05 – 0.375%
Conventional Spray	0.10 – 0.75%
Electrostatic Spray Systems	See Notes Below

Electrostatic Spray Systems should be applied undiluted. Deposition is varied by the number of application nozzles used and the line speed.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of Preventol A12 TK45 Preservative in applicable solution. Freshly sawn lumber should be treated within 24 hours to prevent fungal attack. Treated lumber should be protected from rain and removed from direct soil /ground contact.

Decay and Stain Protection

Preventol A12 TK-45 Preservative is a wood preservative concentrate that requires dilution prior to use on wood products to protect against decay(brown and white rot) and staining fungi(blue stain)

For use in the following products: millwork, shingles & shakes, siding, plywood, structural lumber and composites. (For Above Ground Applications Only)

NOT FOR USE IN WOOD THAT ARE IN CONTACT WITH FOODS.

Wood Preparation:

Machine, cut, glue and sand wood as desired before applying Preventol A12 TK-45 Preservative. Do not use over previously finished or stained wood without removing the old finish. Wood must be cleaned and dry prior to treatment. Wood for pressure treatment should be kiln dried or air seasoned to a moisture content of 25% or less. Conditioning the wood to this moisture content provides penetration of the Preventol A12 TK-45 Preservative during the application on the wood.

Dosages:

Non Pressure Systems

1.5 gallons0.75% active ingredient
3 gallons 1.5% active ingredient

Pressure Systems

Minimum retention level0.0375 lbs/ft³ active ingredient

Treatment:

Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes(double vacuum, full-cell or modified full cell).

Fungal protection may be obtained at the lower use rate for wood exposed indoors under occasional high humidity or wet conditions, while the higher rate is necessary for wood used in high decay hazard environments exposed to weathering.

Completely immerse wood products to be treated by the bundle-dipping process for three(3) minutes. Treat individual wood pieces treated by immersion, roller-coater or flood 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 methods

Perform according to the methods described in the American Wood Preservers' Association(AWPA) Standards. A minimum retention level of 0.0375 pounds total active ingredient per cubic foot(pcf) is recommended. All treated wood must be held on the drip pad until dripping has stopped. Retreat cut surfaces by brush or dip using a solution containing 1.5% total active ingredient 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 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 A12 TK-45 Preservative from all surfaces, brushes and rollers.

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 OR 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.