

39967-70

6/24/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

39967-70

Date of Issuance:

JUN 24 2009

Term of Issuance:

Conditional

Name of Pesticide Product:

Preventol® A 20 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 15275-1112

Note: Changes in labeling, differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 (OPP Decision Number: D-391040) is conditionally registered in accordance with FIFRA sec 3(c)(7)(b) 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 Number to read, "EPA Reg. No. 39967-70".

Signature of Approving Official:

Tracy Lantz
Tracy Lantz
(Acting) Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

JUN 24 2009

- b. On page three (3) under Wood-based Composite Products of the label supplement delete the word General and revise the sentence as per PR 2000-5 Mandatory/Advisory Language to read: "PREVENTOL® A 20 Preservative is to preserve..."
- c. On page three (3) revise sentence to read: "PREVENTOL® A 20 Preservative is to be applied to wood..." as per PR 2000-5 Mandatory/Advisory Language.
- d. Under Wood Products intended for Above Ground and In-Ground Contact delete the word "General" before PREVENTOL® A 20 and delete the word "recommended" after "is" as per PR 2000-5 Mandatory/Advisory Language.
- e. On page four (4) first paragraph last sentence delete "In general" and begin sentence with "An immersion..."
- f. Revise the Precautionary Statement to include the following: "Wear long sleeve shirt, long pants or overalls, and rubber or neoprene gloves along with a mask or a respirator".

3. The following two studies must be received by the Agency, reviewed and found to be acceptable in order to fulfill the conditions of this registration. This data must be conducted in accordance with established protocols and submitted to the Agency for review by June 24, 2010.

- a. Inhalation exposure from open mixing/loading wettable powders and inhalation exposure from wood preservative clean-up activities in pressure treatment plants triggers the requirement of a confirmatory inhalation toxicological study (GDLN 870.3465).
- b. Confirmatory wood wipe study (GDLN 875.2300) is required to determine the surface residues of triadimefon over time and to provide adequate residue data, to verify the bounding estimate and to refine the risk assessment.
- c. A joint study for Storage Stability and Corrosion Characteristics is on going. Submit the study upon completion.

Please note the Agency is moving away from review of paper submitted registration applications to electronic review of applications. Therefore, we need your help to make this an efficient and convenient process for both you and the Antimicrobials Division. 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/regulating/registering/submissions/index.htm>.

If you have any questions concerning electronic label submissions, please refer to the above website for a list of contact personnel for more information.

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 label with comments is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6415 or email address at: lantz.tracy@epa.gov, or Renae Whitaker telephone at (703) 308-7003 or email address at: whitaker.renae@epa.gov during the hours of 8:00 am to 3:30 pm EST.

Sincerely,



Tracy Lantz
(Acting) Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

PREVENTOL® A 20 Preservative

FUNGICIDE: FOR THE PRESERVATION OF AQUEOUS AND SOLVENT SYSTEMS TO PROTECT WOOD COMPOSITE PRODUCTS AND WOOD PRODUCTS INTENDED FOR ABOVE GROUND AND IN-GROUND CONTACT

ACTIVE INGREDIENTS: Tebuconazole, α -[2-(4-Chlorophenyl)-ethyl- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol]-----47.69%
Triadimefon, 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone -----48.85%
INERT INGREDIENTS -----3.46%
TOTAL -----100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes skin or clothing. Wear protective eyewear (goggles or face shield). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash separately before

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 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 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.

IF ON SKIN: 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.

Note to Physician: No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Poisoning may be accompanied by hyperactivity followed by sedation.

For emergency information on this product, call the National Pesticides Information Center at 1-800-858-7378, 8:30 AM - 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

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300
EPA REGISTRATION NUMBER: 39967-XX
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.

Labeling directions, precautionary statements and restrictions for any other product recommended must be followed.

FOR DETAILED DIRECTION FOR USE, PLEASE REFER TO LANXESS CORPORATION LABEL SUPPLEMENT. Read all directions before using PREVENTOL® A 20 Preservative.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material is spilled for any reason or cause, carefully sweep the material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away.

RESTRICTIONS: Do not package PREVENTOL® A 20 in metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide 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 DISPOSAL: Do not use container in connection with food, feed, or drinking water. Completely empty container into the processing equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PREVENTOL® is a registered trademark of LANXESS Deutschland GmbH.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine invertebrates. 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.

INTERNATIONAL 703-527-3887
Net Contents:
Lot No.:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 24 2009

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

LABEL TEXT DATE: DRAFT 6/3/09

39967-70

Handwritten signature/initials

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LANXESS

Energizing Chemistry

Product Information

PREVENTOL[®] A 20 Preservative FUNGICIDE

EPA Registration Number 39967- XX

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Page 1
PREVENTOL[®] A 20 Preservative
39967-XX

Under the Federal Insecticide,
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FUNGICIDE: FOR THE PRESERVATION OF AQUEOUS AND SOLVENT SYSTEMS TO PROTECT WOOD COMPOSITE PRODUCTS AND WOOD PRODUCTS INTENDED FOR ABOVE GROUND AND IN-GROUND CONTACT

Chemical and Physical Data

Common Name: Tebuconazole and Triadimefon

Tebuconazole

Nominal Concentration: 47.69%

Triadimefon

Nominal Concentration: 48.85%

Bulk Density: approx. 434 kg/m³

Melting Point: approx. 67°C

Ignition Temperature: approx. 485°C (DIN 51794)

Solubility of PREVENTOL® A 20 Preservative in % by weight (20°C):

water	approx. 0.01
Texanol	>25
dipropylene glycol monomethyl ether	>30
butyl diglycol	>30
white spirit*	approx. 0.5

*(aromatic content 30% - calculated as xylene)

Stability

PREVENTOL® A 20 Preservative is resistant to hydrolysis in acidic to moderate alkaline formulations.

Storage

If correctly stored and kept in the original sealed container, the shelf life of PREVENTOL® A 20 Preservative is at least 2 years.

Applications

PREVENTOL® A 20 Preservative has a broad spectrum of activity and is particularly effective against wood-rotting basidiomycetes strains. PREVENTOL® A 20 Preservative is practically unleachable, heat-stable and non-volatile and therefore suitable for long-term protection. It is suitable for use in solvent-based and aqueous wood preservatives. The active ingredients are compatible with the binders, pigments, dryers and auxiliaries normally used in wood preservatives as well as with a variety of sapstain fungicides in solvent based wood preservatives and with insecticides such as imidacloprid (PREVENTOL® TM).

Spectrum of Activity

PREVENTOL® A 20 Preservative has a broad spectrum of activity against wood-rotting fungi. Toxic values are determined in accordance with the relevant internationally recognized standards.

Toxic values (kg/m³) determined in accordance with EN 113

Test Fungus	After evaporative aging (EN 73)	After leaching (EN 84)
<i>Coniophora puteana</i>	<0.10	0.13 – 0.155
<i>Gloephyllum trabeum</i>	<0.10	<0.11
<i>Poria placenta</i>	<0.10	<0.11
<i>Coriolus versicolor</i>	<0.11	<0.11

INFORMATION ABOUT SAFETY AND HANDLING AND ON ECOLOGICAL AND TOXICOLOGICAL BEHAVIOR IS GIVEN IN OUR MATERIAL SAFETY DATA SHEET.

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DIRECTIONS FOR USE

IMPORTANT: Labeling directions, precautionary statements and restrictions for all other products recommended in this bulletin must be followed.

Wood-based Composite Products

GENERAL: PREVENTOL® A 20 Preservative is recommended to preserve wood-based composite products, such as waferboard, fiberboard, particleboard, wood plastic composites, plywood and oriented-strand board to prevent the growth of wood destroying fungi on the composite product. These composites are used in the following applications: millwork, including door and window frames; shingles, exterior siding; construction lumber; and exterior wood and wood veneer. Composite wood treated with PREVENTOL® A 20 Preservative does not change in appearance and may be painted when dry.

PREVENTOL® A 20 Preservative may be applied into a wood composite through a number of methods, including:

- a) Metering PREVENTOL® A 20 Preservative onto the dried wood flakes, saw dust or wood particles, and wood fibers immediately before the blender. The PREVENTOL® A 20 Preservative is then mixed with the wood components in the blender.
- b) Mixing PREVENTOL® A 20 Preservative with the wood components in the blender.
- c) Mixing PREVENTOL® A 20 Preservative with the adhesive or wax which is subsequently applied to the wood components in the blender.

The method of incorporation of PREVENTOL® A 20 Preservative will depend on the specific manufacturing process and wood species used for the composite.

PREVENTOL® A 20 Preservative may be applied to wood composites by dissolving in a suitable solvent and adding auxiliaries such as: water and/or organic solvents, emulsifiers, fixating agents, paraffin wax or resins, additional active ingredients (to protect against fungi and/or insects, including termites), dyestuffs, pigments, penetration improvers and other auxiliaries.

The suggested use level is 0.005 to 0.02 pounds PREVENTOL® A 20 Preservative per cubic foot of wood composite (lbs/ft³), or 0.015 to 0.06% PREVENTOL® A 20 Preservative, based on dry board weight.

ALL OF THE ABOVE USES ARE NON-SOIL CONTACT NON-FUMIGATION TREATMENTS

Wood Products Intended for Above Ground and In-Ground Contact

GENERAL: PREVENTOL® A 20 Preservative is recommended for the preservation of wood intended for above-ground and/or in-ground contact, such as Ponderosa pine, Scot's pine, Southern yellow pine, beech, oak, birch, Douglas-fir and other wood species susceptible to decay by wood rotting fungi. Wood preserved with PREVENTOL® A 20 Preservative alone does not change in appearance and may be painted when dry.

PREVENTOL® A 20 Preservative may be applied to wood by dissolving in a suitable solvent and adding auxiliaries such as: water and/or organic solvents, emulsifiers, fixating agents, paraffin wax or resins, additional active ingredients (to protect against fungi and/or insects, including termites), dyestuffs, pigments, penetration improvers and other auxiliaries.

The method of incorporation of PREVENTOL® A 20 Preservative will depend on the specific treating process and wood species to be treated and intended use of the treated wood.

PREVENTOL® A 20 Preservative may be applied by dip, double vacuum or pressure treatment methods. Solution uptake and treatment conditions for each method should result in an appropriate retention as listed below.

Treatment for above-ground wood: 0.003 to 0.02 pounds per cubic foot (lbs/ft³) retention of active ingredient in the treated article. Articles produced from the treated wood may include: wood decking, railing, spindles and wood furniture, patio furniture such as chairs, tables and benches, children's play sets, fencing, lattice structures, trellis, gazebos, millwork and wood articles intended for exterior use.

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Dip: For dip treatment, wood should be used only for above-ground uses that are continually protected from direct exposure to weather. Immerse wood completely until enough solution has been absorbed to meet the retention requirements given above. Use dip treatment procedures consistent with the equipment being used and standard treatment practices. In general, an immersion time of 3 minutes in a 0.5% solution of PREVENTOL® A 20 Preservative will be sufficient.

Double Vacuum: For double vacuum treatment, stack the wood in the treatment vessel so that it will remain submerged. In general, a treating solution concentration of 0.5% of PREVENTOL® A 20 Preservative will be sufficient. Pull vacuum of -10 inches for five minutes. Fill the vessel, allow the pressure to return to atmospheric pressure and discharge preservative solution. Pull a vacuum of -20 inches and maintain for twenty minutes. Return to atmospheric pressure and discharge preservative.

Pressure Treatment is also an appropriate treatment method for above-ground wood.

Treatment for in-ground contact wood: Wood for in-ground contact generally needs the highest treatment retention. Treatment rates of 0.01 to 0.05 pcf (lbs/ft³) are recommended. Articles produced from the treated wood may include: fence posts, guardrails, poles, posts, horticultural supports, landscape lumber, land and foundation pilings, foundations, utility poles, and wood building materials.

Pressure Treatment: For pressure treatment follow the general requirements of the American Wood Protection Association Standard T1, *Processing and Treatment Standard*.

ALL OF THE ABOVE USES ARE NON-FUMIGATION TREATMENTS

Wood treated with PREVENTOL® A 20 Preservative must not be used in aquatic applications such as dock pilings.

PREVENTOL® is a registered trademark of LANXESS Deutschland GmbH.

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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