

39967-70

12/1/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

DEC 1 2009

Luanne Jeram
Sr.Regulatory Affairs Specialist
Lanxess.
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject: Preventol A20 Preservative
EPA Reg. Number: 39967-70
Application Date: September 27, 2009
Receipt Date: October 1, 2009

Dear Ms. Jeram:

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

Proposed Amendment:

Revised label per Agency letter dated 6/24/09

General Comments:

Enclosed is an EPA stamped label.

Other Comments:

Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6427 or email address at: carlisle.shaRon@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. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely yours,

A handwritten signature in black ink that reads "ShaRon Carlisle".

ShaRon Carlisle
(Acting) Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: EPA 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). Wear long sleeve shirt, long pants or overalls, and rubber or neoprene gloves. Use a cartridge respirator if the area is not well ventilated and during clean-up, maintenance and repair activities. 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 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 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, 6:30 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: 39967-70

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

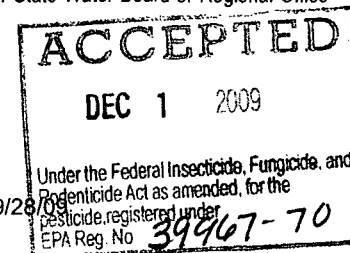
This pesticide is toxic to estuarine invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority 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.:

LABEL TEXT DATE: DRAFT 9/28/09



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LANXESS

Energizing Chemistry

Product Information

PREVENTOL[®] A 20 Preservative FUNGICIDE

EPA Registration Number 39967-70

ACCEPTED
DEC 1 2009
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide registration number
EPA Reg. No. **39967-70**

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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).

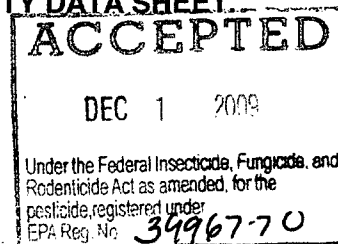
Spectrum of Activity

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.

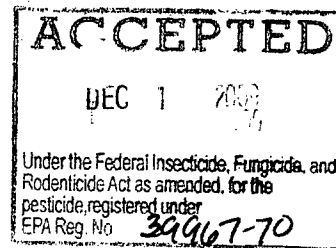
Toxic values (kg/m³) determined in accordance with EN 113

Test Fungus	After evaporative aging (EN 73)	After leaching (EN 84)
<i>Coniophora puteana</i>	<0.10	0.13 – 0.155
<i>Gloeophyllum 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

PREVENTOL® A 20 Preservative is 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 is to 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

PREVENTOL® A 20 Preservative is 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,

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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.

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. 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, 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.

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9/28/09

