

39967-72

9/16/2008

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**U.S. ENVIRONMENTAL PROTECTION  
AGENCY**

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

**NOTICE OF PESTICIDE:**

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

EPA Reg.

Number:

39967-72

Date of

Issuance:

**SEP 16 2008**

Term of Issuance:

**Conditional**

Name of Pesticide Product:

**Preventol TC 30**

Name and Address of Registrant (include ZIP Code):

Lanxess Corporation  
111RIDC 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/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 is conditionally 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 Number to read, "EPA Reg. No. 39967-72".

Signature of Approving Official:

Marshall Swindell  
Product Manager Team-33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

**SEP 16 2008**

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EPA Registration No. 39967-72

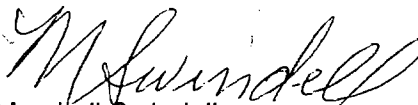
b. Please note that the studies for 830.6317 (Storage Stability) and 830.6320 (Corrosion characteristics) guidelines must be submitted within one (1) year from the date of this Notice of Registration.

3. Submit two (2) 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 "accepted" label is enclosed for your records.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure

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# PREVENTOL TC 30

For the preservation of Leather, Hides and Skins, Pulp and Paper Mills, Bacteriostatic Paper (Non-food contact), Coatings, Caulks, Sealants, Wallcovering Adhesives. Drilling Fluids, Cutting Fluids, Petroleum Secondary Recovery, Cooling Water and Cooling Towers and Wastewater Treatment Systems.

ACTIVE INGREDIENT: 2-(Thiocyanomethylthio)benzothiazole [CAS# 21564-17-0]	30.0%
INERT INGREDIENTS	70.0%
TOTAL	100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wear protective eyewear (such as goggles or face shield). Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves (such as butyl rubber or nitrile rubber). Avoid contact with skin or clothing. 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.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Product should be stored in an area that is not subject to extreme temperatures. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 DISPOSAL:** Empty residue into application equipment. Triple rinse (or equivalent) then offer drum for recycling or reconditioning, or puncture. Dispose of drum and liner in a sanitary landfill, by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

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. PREVENTOL TC 30 is intended for use in Leather, Pulp and Paper Mills, Coatings, Caulks, Sealants, Wall Covering Adhesives, Drilling and Cutting Fluids, Cooling Waters and Cooling Towers, Petroleum Secondary Recovery and Waste Water Treatment Systems. Please see the Preventol TC 30 M label supplement for dosage instructions. Not registered for use in the state of California

### FIRST AID

**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 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 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 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.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Medical Treatment: First aid eye irrigation should be repeated and continued until a sterile balanced buffered solution is available for continuous eye irrigation. Irrigation with a solution such as normal saline or Ringer's lactate should be continued until the pH of the ocular surface is neutralized, usually 1-2 liters of fluid. If any symptoms persist or recur, consultation with an ophthalmologist is advised.

Have the product container or label with you when calling a poison control center or doctor or when going in for treatment. For emergency information concerning this product, call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. 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 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.

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

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

SEP 16 2008

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

39967-XX

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# LANXESS

## Energizing Chemistry

Product Information

PREVENTOL TC 30

EPA Registration Number 39967-TE

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## Preventol TC 30

PREVENTOL TC 30 IS EFFECTIVE AGAINST A VARIETY OF MOLD AND FUNGI FOR THE PRESERVATION OF LEATHER HIDES AND SKIN, COATINGS, CAULKS, SEALANTS, WALL-COVERING ADHESIVES, CUTTING FLUIDS, DRILLING FLUIDS. PRESERVATION FOR MATERIALS IN PAPER INDUSTRY (PULP AND PAPER MILLS), COOLING TOWERS, COOLING WATER SYSTEMS, PETROLEUM SECONDARY RECOVERY AND WASTEWATER TREATMENT SYSTEMS.

### Chemical and Physical Data

Active Ingredient:	2-(Thiocyanomethylthio)benzothiazole
Common Name:	TCMTB
Chemical Name:	2-(Thiocyanomethylthio)benzothiazole
Minimum Purity:	29.8%
Density (25°C):	1.130 g/ml
Flash Point:	82.8°C

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DANGER

### 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.

### LEATHER

Preventol TC 30 is recommended for the prevention of mold, bacteria and fungi in the storage, transport and processing of wet leather stock such as pickled, vegetable, chrome or alternative metal or metal free tanned hides and skins. Dosage rates of 0.025-0.2 % (250 - 2,000 ppm) are recommended on a weight basis to prevent microbial growth on processed hides and skins. The dosage level used will depend on storage conditions and the length of protection required. A dilution of 1 part Preventol TC 30 plus 5 parts water can be prepared by adding Preventol TC 30 to water with agitation. The diluted product may then be added to the pickling liquor, or the tanning liquor at the start of the tanning processor or to the rinse water in a post tanning refloat. The product can also be applied during the fatliquoring process to prevent fungal growth at 0.025-0.2% based on the split and shaved weight of leather being processed. For preservation of leather finishing pastes and fatliquors. Preventol TC 30 can be added at dosage rates of 0.1-0.25% (1000-2500 ppm) based on the weight of the treated paste or fatliquor and mixed thoroughly to ensure adequate dispersion.

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## PULP and PAPER MILLS

**Pulp Mills:** To protect wood chips from fungal degradation during storage. Preventol TC 30 should be used at 0.5 to 2 pounds/ton of oven-dried wood. It can be applied through a water shower located in the pneumatic conveyor carrying chips from the chipper to the storage pile. For preservation of wet lap or sheet pulp. Preventol TC 30 is used at 0.5 to 4 pound/ton of oven-dried fiber. It is applied to the surfaces of the dewatered pulp by means of applicator rolls.

**PAPER MILLS:** To control bacterial and fungal growth on paper and paperboard machines, Preventol TC 30 is added to the white water or stock at 0.1 to 0.5 pound/ton of dry paper or paperboard produced.

**BACTERIOSTATIC PAPER (Non-food contact):** To make mold resistant paper or paperboard. Preventol TC 30 is used at 0.05 to 0.1 pound/1000 sq ft (0.1 to 0.3 pound/3000 sq ft) of surface. For coated paper or board, Preventol TC 30 is incorporated in the coating mix prior to application of the coating. For uncoated paper or board, Preventol TC 30 is dispersed in water, surface-sizing solution, or other solvent and applied to the surface to be protected by means of an applicator roll. For the preservation of agricultural mulch paper, Preventol TC 30 is used at 1.5 to 5 pounds/ton air-dried paper. It is applied to the surfaces of mulch paper by tub-sizing methods or by means of applicator rolls before the paper is coated.

## COATINGS, CAULKS, SEALANTS AND WALLCOVER ADHESIVES

Preventol TC 30 may be added to coatings, caulks, sealants and wallcover adhesives at levels of 0.5 – 5% based on total formulation weight. Ensure adequate mixing. Preventol TC 30 will inhibit the growth of fungi, mold and mildew, that often cause discoloration in these products. When used in solvent-based formulations, Preventol TC 30 can be dissolved in aromatic solvents or combinations of aromatic and aliphatic and added in the let down or added directly to the finished products. For water-thinned latex emulsion formulations, Preventol TC 30 can be premixed with the wetting agent and added to pigment slurry or added to the let down or finished product.

## DRILLING FLUIDS

**DRILLING FLUIDS:** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, Preventol TC 30 is incorporated in the drilling fluid at concentrations of 0.05 – 0.25% based on the total wet weight of the fluid.

## CUTTING FLUIDS

**CUTTING FLUIDS:** Preventol TC 30 may be used to inhibit bacterial and fungal degradation of water-based, water-soluble or emulsifiable cutting fluids and coolants used in metalworking operations. Preventol TC 30 should be added to the diluted cutting fluid at a rate that will provide 150 to 250 parts per million Preventol TC 30 (weight/weight) after final dilution with water. Higher concentrations (1000 to 1250 ppm) of Preventol TC 30 are required to prevent fungal growth on the inside walls of the diluted metalworking fluid storage tanks.

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## PETROLEUM SECONDARY RECOVERY

**PETROLEUM SECONDARY RECOVERY:** Preventol TC 30 can be used to control sulfate-reducing bacterial, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of 0.2 to 3.7 fluid ounces of Preventol TC 30 per 1000 gallons of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. *Continuous Feed Method:* When system is noticeably fouled, add 0.6 to 3.7 ounces of Preventol TC 30 per 1000 gallons of water continuously until desired degree of control is achieved. Then treat with 0.2 to 1.2 fluid ounces per 1000 gallons of water continuously, or as needed to maintain control. *Intermittent or Slug Method:* When system is noticeably fouled, or to maintain control, add 0.6 to 3.7 fluid ounces Preventol TC 30 per 1000 gallon of water for 4 to 8 hours per days and 1 to 4 times per week, or as needed to maintain control.

## COOLING WATER AND COOLING TOWERS

**COOLING WATER:** Preventol TC 30 will control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 0.6 to 3.7 ounces of Preventol TC 30 per 1000 gallons of water. Subsequent additions of 0.2 to 1.2 fluid ounces should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

**COOLING TOWERS:** Preventol TC 30 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 0.5 to 0.7% Preventol TC 30 in water onto the clean wood surfaces. The amount applied should provide 0.6 to 0.8 pound Preventol TC 30 per 1000 sq ft of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of Preventol TC 30 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 1.25 pounds of Preventol TC 30 per 1000 gallon of water and the bleedoff should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every four months.

## WASTE WATER TREATMENT SYSTEMS

**WASTE WATER TREATMENT SYSTEMS:** Preventol TC 30 can control bacteria and fungal slime in waste water systems and effluents. The quantity of Preventol TC 30 required varies with the degree of fouling. It should be added at a rate that will provide 10 to 30 ppm Preventol TC 30 (weight/weight) of the waste water. This addition can be made at various points in the system including the influent to the clarifier or the holding basins or ponds.

NOT REGISTERED FOR USE IN CALIFORNIA

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LANXESS Corporation  
111 RIDC Parkwest Drive  
Pittsburgh, PA 15275

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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