

39967-91

6/7/2012

1 of 9



U S ENVIRONMENTAL PROTECTION
AGENCY

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

EPA Reg
Number

39967-91

Date of
Issuance

JUN -7 2012

Term of Issuance

Conditional

Name of Pesticide Product

Preventol IT 14
Preservative

NOTICE OF PESTICIDE

Registration
 Reregistration

(under FIFRA as amended)

Name and Address of Registrant (include ZIP Code)

Luanne Jeram
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 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 39967-91"

Signature of Approving Official

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

Date

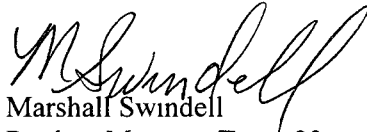
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e) Your release for shipment of the product constitutes acceptance of these conditions

A stamped copy of the label is enclosed for your records Submit one (3) copy of your final printed labeling prior to release of this product for shipment If you have any questions concerning this letter, please contact Demson Fuller at (703) 308 8062

Sincerely,



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

Enclosure (Stamped Label)

PREVENTOL® IT 14 PRESERVATIVE

FOR THE PRESERVATION OF PAINTS AND COATINGS PIGMENT AND MINERAL SLURRIES ADHESIVES AND TACKIFIERS POLYMER EMULSIONS METALWORKING FLUIDS DISPERSED PIGMENTS BUILDING MATERIALS
FOUNTAIN SOLUTIONS INKS AND PHOTOPLATE PROCESSING PAPER MILL PROCESS WATER RECIRCULATING COOLING WATER SYSTEMS BREWERY PASTEURIZER AND CAN WARMER SYSTEMS HYDRAULIC FLUIDS OIL
FIELDS INJECTION WATERS AIR WASHER SYSTEMS RECIRCULATING ELECTRODEPOSITION SYSTEMS METAL CLEANING FLUIDS COMMERCIAL PHOTOPROCESSING SYSTEMS

ACTIVE INGREDIENT	5-chloro-2-methyl-4 isothiazolin 3-one	11.14%
	2-Methyl-4 isothiazolin 3-one	3.56%
INERT INGREDIENTS		85.3%
TOTAL		100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER CORROSIVE Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Mixers, loaders and other exposed to this product must wear chemical resistant apron over long sleeved shirt and long pants, chemical resistant gloves such as nitrile or butyl rubber shoes plus socks, goggles and face shield. Remove and wash contaminated clothing before reuse. Discard clothing or other absorbent material that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

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 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.

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 Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor or when going in for treatment.

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

IN CASE OF EMERGENCY, CALL CHEMTREC 800-424-9300

EPA Reg No 39967-XX

EPA EST No

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.

Detailed directions for use can be found in the PREVENTOL® IT 14 Preservative Information Sheet. Obtain and read this information before undertaking the use of PREVENTOL® IT 14 Preservative in order to avoid process mistakes.

PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE Do not store or transport in unlined metal containers. 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. Do not apply this product in a way that will contact workers or other persons.

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 Nonrefillable container. Do not reuse or refill this container.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and Local authorities by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic 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 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.

® PREVENTOL is a registered trademark of LANXESS Corporation. AMENIS

INTERNATIONAL 703-527-3387 JUN 7 2012

Net Contents

Lot No

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

39967-91

LABEL TEXT DATE DRAFT 2/13/2012

LANXESS

Energizing Chemistry

Product information

ACCEPTED
COMMENTS

JUN 7 2012

Under the Federal Insecticide,
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No 39967-91

PREVENTOL® IT 14 PRESERVATIVE

EPA Registration Number 39967-XX
CAS Number 26172-55-4 and 2682 20 4

PREVENTOL® IT 14 Preservative

FOR THE PRESERVATION OF PAINTS AND COATINGS, PIGMENT AND MINERAL SLURRIES, ADHESIVES AND TACKIFIERS, POLYMER EMULSIONS, METALWORKING FLUIDS, DISPERSED PIGMENTS, BUILDING MATERIALS, FOUNTAIN SOLUTIONS, INKS, AND PHOTOPLATE PROCESSING, PAPER MILL PROCESS WATER, RECIRCULATING COOLING WATER SYSTEMS, BREWERY PASTEURIZER AND CAN WARMER SYSTEMS, HYDRAULIC FLUIDS, OIL FIELDS INJECTION WATERS, AIR WASHER SYSTEMS, RECIRCULATING ELECTRODEPOSITION SYSTEMS, METAL CLEANING FLUIDS, COMMERCIAL PHOTOPROCESSING SYSTEMS

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

OK

PAINTS AND COATINGS

PREVENTOL® IT 14 Preservative is an in container preservative for the control of microorganisms in water based coatings such as paints, paper and wood coatings used for architectural, product finishes and special purpose coatings Add 0.044 – 0.225 pound of PREVENTOL® IT 14 Preservative to each 1000 pounds of fluid to provide 44 to 225 ppm product (6.2 – 32 ppm active isothiazolones)

OK

PIGMENT AND MINERAL SLURRIES

PREVENTOL® IT 14 Preservative is an in-container preservative for the control of microorganisms in the manufacture and storage of dispersed pigments and mineral slurries such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, carbon black, iron oxide, and diatomaceous earth used in paint and paper production Add 0.044 – 0.225 pound of PREVENTOL® IT 14 Preservative to each 1000 pounds of fluid to provide 44 to 225 ppm product (6.2 – 32 ppm active isothiazolones)

OK

ADHESIVES AND TACKIFIERS

PREVENTOL® IT 14 Preservative is an in container preservative for the control of microorganisms in water-soluble and water dispersed adhesives such as animal glues, plant glues starch based glues, natural rubber latexes, polyvinyl acetate, styrene butadiene, and acrylic latexes PREVENTOL® IT 14 Preservative is a preservative for tackifiers derived from rosin and hydrocarbon resins Add 0.044 – 0.225 pound of PREVENTOL® IT 14 Preservative to each 1000 pound of fluid to provide 44 to 225 ppm product (6.2 – 32 ppm active isothiazolones)

ACCEPTED
MATERIALS
Related

JUN 7 2012

Under the Federal Insecticide Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No. 39967-91

POLYMER EMULSIONS

PREVENTOL® IT 14 Preservative is used for the control of microorganisms in the manufacture and storage of synthetic and natural polymer emulsions and latexes including acrylics, styrene/butadiene carboxylated styrene/butadiene, ethylene/vinyl acetate including PVA, and biopolymers intended for industrial use, such as xanthan gum, gum arabic, guar gum, protein derived polymers, starches, and casein-derived polymers Add 0.044 – 0.45 pound PREVENTOL® IT 14 Preservative to each 1000 pounds of fluid to provide 44 to 450 ppm product (6.2 - 63 ppm active isothiazolones) To ensure uniform mixing, add PREVENTOL® IT 14 Preservative to polymer emulsion or latex solutions slowly with agitation

METALWORKING FLUIDS

PREVENTOL® IT 14 Preservative is used for the control of microorganisms in soluble and emulsifiable type aqueous metal working fluid (MWF) solutions and emulsions Add 0.23 – 1.3 pounds per 1000 gallons of MWF every four weeks for maintenance of a non fouled system For a noticeably fouled system, use an initial dose of 0.6 to 1.3 pounds per 1000 gallons of MWF followed by subsequent maintenance dosages as listed above PREVENTOL® IT 14 Preservative should be dispensed into the use dilution of the metal working fluid using a metering pump or by manual pouring and uniformly dispersed throughout the system

DISPERSED PIGMENTS

PREVENTOL® IT 14 Preservative is an in-container preservative for the control of microorganisms in the manufacture and storage of dispersed pigments and mineral slurries such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate carbon black, iron oxide and diatomaceous earth (kieselguhr) used in paint and paper production Add 0.044 – 0.225 pound of PREVENTOL® IT 14 Preservative to each 1000 pounds of fluid to provide 44 to 225 ppm product (6.2 - 32 ppm active isothiazolones)

BUILDING MATERIALS

PREVENTOL® IT 14 Preservative is an in-container preservative for the control of microorganisms in building materials such as grouts, mastics, caulks, joint cements and spackling Add 0.044 – 0.225 pound of PREVENTOL® IT 14 Preservative to each 1000 pounds of building material to provide 44 to 225 ppm product (6.2 - 32 ppm active isothiazolones)

FOUNTAIN SOLUTIONS, INKS, AND PHOTOPLATE PROCESSING

PREVENTOL® IT 14 Preservative controls microorganisms in fountain solutions, inks, and photoplate processing such as stabilizer solutions PREVENTOL® IT 14 Preservative is used for water-based printing inks such as flexographic, gravure, screen and ink jet types PREVENTOL® IT 14 Preservative is used for the control of microorganisms in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners

PREVENTOL® IT 14 Preservative is added to achieve the recommended dosage range of 1000 – 10000 ppm for ink, ink components, fountains solutions and photoplate processing chemicals The optimum level range for acidic fountain solutions is 2000 to 5000 ppm, the optimum use level for basic fountain solutions is 5000 to 8000 ppm

COMMENTS
None noted

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PAPER MILL PROCESS WATER

Add as a slug dose 0.048 to 0.17 pound of PREVENTOL® IT 14 Preservative per ton (dry basis) of pulp or paper produced for the control of microbial slime in the production paper. Repeat daily as needed. Heavily fouled systems should be boiled out prior to initial dosing. PREVENTOL® IT 14 Preservative should be added at a point such as the beater, hydropulper, fan pump or broke storage pump to ensure uniform mixing.

RECIRCULATING COOLING WATER SYSTEMS

Add 0.032 - 0.196 pound PREVENTOL® IT 14 Preservative per 1000 gallons of cooling water in the system weekly to maintain microbial control. Add PREVENTOL® IT 14 Preservative to a point in the cooling water system to ensure uniform mixing. For noticeably fouled systems dose as initial treatment with 0.13 - 0.79 lb PREVENTOL® IT 14 Preservative per 1000 gallons cooling water. Repeat as necessary to achieve control.

BREWERY PASTEURIZER AND CAN WARMER SYSTEMS

Add 0.032 - 0.196 lb PREVENTOL® IT 14 Preservative per 1000 gallons of water in the system weekly or as needed to maintain control of microorganisms. For noticeably fouled systems dose as initial treatment with 0.13 - 0.79 lb PREVENTOL® IT 14 Preservative per 1000 gallons of water. Repeat as necessary to achieve control. The total active isothiazolone in the system should never exceed 248 ppm PREVENTOL® IT 14 Preservative.

HYDRAULIC FLUIDS

PREVENTOL® IT 14 Preservative is used as a preservative for use in the manufacture and use of water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume mineral oil using an oil soluble emulsifying agent.

For the maintenance of a non-fouled system, use PREVENTOL® IT 14 Preservative at 0.76 - 1.2 pounds per 1000 gallons hydraulic fluid every eight weeks. For a noticeably fouled system use an initial dose of 1.1 - 2.0 pounds PREVENTOL® IT 14 Preservative per 1000 gallons fluid to be followed by subsequent maintenance dosing. PREVENTOL® IT 14 Preservative should be dosed into the circulating use dilution of the hydraulic fluid using a metering pump or by manual pouring and uniformly dispersed throughout the system.

OIL FIELDS INJECTION WATERS

Add 2.4 to 6.2 pounds PREVENTOL® IT 14 Preservative per 1000 barrels of water weekly or as needed to maintain control of slime forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids, fracturing, completion and drilling fluids. An initial dose of 6.1 to 12.5 lb PREVENTOL® IT 14 Preservative per 1000 barrels of water may be used until microbial control is achieved. Dose again after three days or as needed until microbial control is achieved. Add at a point in the system to ensure adequate mixing. PREVENTOL® IT 14 Preservative may be used for terrestrial and off shore oil drilling muds and packer fluids.

AIR WASHER SYSTEMS

For use only in industrial air washing systems with effective mist eliminating elements. Badly fouled air washer systems must be cleaned before initial dosing. Add PREVENTOL® IT 14 Preservative to the air washer sump or chill water sump to ensure uniform mixing for the control of microorganisms.

Under the Federal Insecticide
Fungicide and Rodenticide Act as
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registered under EPA Reg. No. /

39967-91

Intermittent or slug dosing

Initial dosing when system is noticeably fouled, add 0.26 – 0.71 pound PREVENTOL® IT 14 Preservative to 1000 gallons of air washer water

Maintenance dosing when microbial control is evident, dose 0.12 – 0.20 pound PREVENTOL® IT 14 Preservative to 1000 gallons of air washer water
Repeat treatment as needed depending on the severity of contamination

Continuous dosing method

Initial dosing when system is noticeably fouled, add 0.26 – 0.71 pound PREVENTOL® IT 14 Preservative to 1000 gallons of air washer water

Maintenance dosing Add a continuous dose of 0.12 – 0.20 pound PREVENTOL® IT 14 Preservative to 1000 gallons air washer make-up water

Repeat treatment as needed depending on the severity of contamination

RECIRCULATING ELECTRODEPOSITION SYSTEMS

PREVENTOL® IT 14 Preservative is used as a tankside additive for the control of microorganisms in recirculating systems and associated rinse systems. Alternatively, PREVENTOL® IT 14 Preservative may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system

TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS PREVENTOL® IT 14

Preservative should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing

Initial dose When the system is noticeably fouled, add 71-248 ppm PREVENTOL® IT 14 Preservative. This provides 10 to 35 ppm of active isothiazolone. Repeat until microbial control is achieved

Subsequent dose When microbial control is evident, add 35-106 ppm PREVENTOL® IT 14 Preservative weekly or as needed to maintain the system. This provides 5-15 ppm of active isothiazolone

METAL CLEANING FLUIDS

PREVENTOL® IT 14 Preservative is used as a preservative in the manufacture and use of alkaline, acid and emulsion based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations. For addition to a metal cleaning concentration, add PREVENTOL® IT 14 Preservative at a level to ensure that the final use dilution fluid will contain 44 – 225 ppm product (6.2 – 32 ppm isothiazolone). For direct addition to a fouled system, add 0.48 – 2.3 pounds PREVENTOL® IT 14 Preservative to each 1000 gallons of use-dilution metal cleaning fluid every three to four weeks to provide 44 – 225 ppm product (6.2 – 32 ppm isothiazolone). PREVENTOL® IT 14 Preservative should be dispensed into the use-dilution of the metal cleaning fluid using a metering pump or by manual pouring and uniformly disperse throughout the system

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COMMERCIAL PHOTOPROCESSING SYSTEMS

PREVENTOL® IT 14 Preservative is recommended to prevent slime formation or accumulation in filters and ion exchange resin tanks of commercial photoprocessing systems

For the maintenance of a non fouled system, use PREVENTOL® IT 14 Preservative at 0.23 – 0.46 pound per 1000 gallon fluid every eight weeks. For a noticeably fouled system, use an initial dose 0.46 – 1.15 pounds per 1000 gallon fluid to be followed by subsequent maintenance dosing. Increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. PREVENTOL® IT 14 Preservative should be dispensed into the final rinse or used water collection tank for adequate distribution.

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 OF 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

WORLD
LANXESS
EPA
JUN 7 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
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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.