

39967-23

4-25-2000

1/9



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7503C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

39967-23

Date of Issuance:

APR 25 2000

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance: Until Reregistration

Name of Pesticide Product:

Preventol On extra Preservative Solution

Name and Address of Registrant (include ZIP Code):

Bayer Corporation  
100 Bayer Road  
Pittsburgh, PA 15205-9741

**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/reregistration 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase, "EPA Registration No.39967-23" to your label before you release your product for shipment.

Signature of Approving Official:

*Adam Heyward*  
Adam Heyward, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510W)

Date:

APR 25 2000

2/9

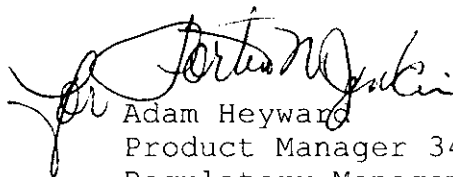
page 2  
EPA Reg. No.39967-23

3. Submit five (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed 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 label is enclosed for your records.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7501C)

Enclosure

# Preventol ON extra Preservative solution

FOR THE PRESERVATION OF GLUES AND ADHESIVES, POLYMER EMULSIONS, (COATING, PVA SYSTEMS AND RUBBER), THICKENERS (STARCH, CELLULOSE, GUAR, ETC.), LEATHER, PAPER, TEXTILES, DYES, TEMPORARY SAPSTAIN CONTROL FOR FRESHCUT LUMBER, CONCRETE ADDITIVES/MASONRY, METALWORKING FLUIDS, AIR FILTER OILS, STARCHES, CLAY SLURRIES, PRINTING INKS, GRAPHITE, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES).

ACTIVE INGREDIENT: Sodium o-Phenylphenate \_\_\_\_\_ 20.0%  
INERT INGREDIENTS \_\_\_\_\_ 80.0%  
100%

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

• **DANGER** KEEP OUT OF THE REACH OF CHILDREN •

**Corrosive:** Harmful if swallowed or absorbed through skin. Causes skin burns and irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, faceshield or safety glasses). Wear protective clothing and gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and was clothing before re-use.

**ENVIRONMENTAL HAZARDS**  
This pesticide is toxic to fish. 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 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.

**PHYSICAL OR CHEMICAL HAZARDS**  
Corrosive To skin and eyes.

**STORAGE AND DISPOSAL**  
**PESTICIDE STORAGE:**  
• Store below 122 °F (50 °C).  
• Keep container tightly and securely closed.  
• Protect products from exposure to light and moisture.  
• Do not contaminate water, food or feed by storage.

**PESTICIDE DISPOSAL:**  
• Do not contaminate water, food or feed by disposal.  
• Pesticide wastes are acutely hazardous. Improper disposal of excel 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 Region Office for guidance.

**CONTAINER DISPOSAL:**  
• 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.

APR 25 2000  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product may be registered under EPA Reg. No. 39967-23

APR 25 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product may be registered under EPA Reg. No. 39967-23

## STATEMENTS OF PRACTICAL TREATMENT (FIRST AID)

**If swallowed:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if not available, drink large quantities of water. Avoid alcohol.

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**If in eyes:** Hold the lids open and flush with a gentle steady stream of water for at least 15 minutes. Get medical attention.

**If on skin:** Wash skin immediately with plenty of soap and water. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate gastric lavage.

**DIRECTIONS FOR USE.** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Detailed information on physical and chemical properties and other detailed directions for use can be found in the Preventol ON extra Preservative Solution Product Information Bulletin. Obtain and read this information before undertaking the use of Preventol ON extra Preservative Solution in order to avoid process mistakes.

EPA REGISTRATION NUMBER 39967-XX  
EPA ESTABLISHMENT NUMBER  
 67869-PA-01     39967-DEU-01     39967-SC-003

Net Contents 55 lbs.     Bulk 40,000 lbs.

**DISCLAIMER:** SELLER (WHETHER MANUFACTURER, DISTRIBUTOR, OR OTHER) MAKES NO WARRANTY EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, REGARDING THIS PRODUCT EXCEPT THE COMPOSITION AS SET FORTH IN THE INGREDIENT STATEMENT HEREIN, AND SHALL NOT BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES. THE EXCLUSIVE REMEDY BEING THE REPLACEMENT OF THE PRODUCT. BUYER OR USER ASSUMES ALL RISK OF POSSESSION, HANDLING OR USE OF THIS MATERIAL WHEN SUCH USE AND/OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS.

IN CASE OF EMERGENCY, CALL:

CHEMTREC 800-424-9300  
INTERNATIONAL 703-527-3887

BAYER CORPORATION  
INDUSTRIAL CHEMICALS DIVISION  
100 BAYER ROAD  
PITTSBURGH, PA 15205-9741

3/9

4/9

Reason to Issue: Registration of 20% OPP solution  
EPA File Symbol Number: 39967-ER

U.S. Labeling

Date of Draft: October 19, 1999  
TO BE PRINTED AS Several pages

## Product Information

# Preventol ON extra Preservative Solution

PREVENTOL ON EXTRA SOLUTION IS EFFECTIVE AGAINST A WIDE VARIETY OF MOLD AND BACTERIA FOR THE PRESERVATION OF GLUES AND ADHESIVES, POLYMER EMULSIONS, (COATING, PVA SYSTEMS AND RUBBER), THICKENERS (STARCH, CELLULOSE, GUAR, ETC.), LEATHER, PAPER, TEXTILES, DYES, TEMPORARY SAPSTAIN CONTROL FOR FRESHCUT LUMBER, CONCRETE ADDITIVES/MASONRY, METALWORKING FLUIDS, AIR FILTER OILS, STARCHES, CLAY SLURRIES, PRINTING INKS, GRAPHITE, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES).

Bayer Product Code/Technical Information Sheet No. \_\_\_\_\_  
EPA Registration Number 39967-XX  
CAS Number [132-27-4]

Structure:

### Chemical and Physical Data

Common Name:	Sodium orthophenyphenol
Chemical Name:	[1,1'-Biphenyl]-2-ol, sodium salt
Minimum Purity:	min. 20.0%
Density (25°C):	1.07 gm/cm <sup>3</sup>
Bulk Density:	8.84 lb/gal
Flash Point:	Not applicable

## 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.

### Glues and Adhesives

Preventol ON extra Preservative Solution is an alkaline solution of o-phenylphenol, which may be used for the effective preservation of glues and adhesives. Preventol ON extra Preservative

Preventol ON extra Preservative Solution  
Product information

Solution can be directly added to the substrate or at any point in the glue and adhesive manufacturing process where homogeneous mixing can occur.

Albumin-Containing Glues.....	1.1 – 2.3%
Bone Glues.....	0.6 – 0.9%
Casein-Containing Adhesives.....	1.1 – 2.3%
Cellulose-Based Adhesives.....	0.6 – 1.7%
Dextrin-Based Adhesives.....	0.6 – 1.7%
Fish Glues.....	0.2 – 2.3%
Gelatin-Based Glues.....	0.9 – 1.7%
Leather Glues.....	0.2 – 2.3%
Plant Glues.....	0.6 – 1.4%
Polymer Dispersion-Based Adhesives.....	0.6 – 1.7%
Skin Glues.....	0.9 – 2.3%
Starch-Based Glues (Liquid).....	0.6 – 1.4%
Starch-Based Glues (Solid) .....	0.9 – 5.7%

## Stains and Paints

Preventol ON extra Preservative Solution is generally incorporated directly into pigments and fillers or added directly into binder systems. For best results, the preservative should be homogeneously incorporated into stain or paint. Discoloration may occur, and should be evaluated.

Recommended Dosages:

Latex-Based Systems.....	0.9 – 1.4%
Casein-Systems.....	1.1 – 2.3%
Oil-Containing Systems.....	1.4 – 2.8%
Alkyd Resin-Based Systems.....	1.4 – 2.8%
Synthetic Resin Dispersions.....	0.6 – 1.4%

## Leather

Preventol ON extra Preservative Solution may be stirred into pickle solutions. In the case of chrome leather, an effective protection against mold attack may be obtained by stirring Preventol ON extra Preservative Solution into the basifing solution.

Finished vegetable-tanned leathers and chrome leathers may also be protected against mold attack by treatment on both sides of the material with an 1.0 – 2.0% solution of Preventol ON extra Preservative Solution.

Recommended Dosages:

Pickle solution and pickle hides.....	0.9 – 1.4%
Chrome leather (calculated on pelt weight).....	0.6 – 1.4%
Leather pasting adhesives.....	0.3 – 0.6%
Leather pigment finishes.....	1.2 – 2.3%

## Textiles

Preventol ON extra Preservative Solution is an alkaline concentrate that can be added directly to the textile, normally by dipping or spraying. The preservative is affixed to the fiber with a suitable acid like acetic acid. For the preservation of auxiliaries Preventol ON extra Preservative Solution should be distributed homogeneously throughout the blend.

Recommended Dosages:

Awnings and Tarpaulins.....	2.8 – 28.3%
Geotextiles.....	2.8 – 28.3%
Shower Curtains.....	2.8 – 11.3%
Jute, Sisal.....	2.8 – 14.1%
Felts.....	2.8 – 14.1%
Carpets.....	2.8 – 11.3%
Upholstery.....	2.8 – 11.3%
Cotton Production.....	2.8 – 8.5%
Wool Production.....	2.8 – 8.5%
Fire Hoses.....	2.8 – 17.0%
Auxiliaries (Sizing Agents, Finishing Agents, Spinning Preparations, Wetting Agents).....	0.1 - 0.3%

## Temporary Sapstain Control for Fresh Cut Lumber and Other Lumber

Preventol ON extra Preservative Solution is effective for the temporary protection of freshly sawn lumber against staining and molding. Preventol ON extra Preservative Solution can be applied by dipping or spraying.

Recommended Dosages:

Fresh Cut Lumber.....	5.7 – 22.6%
Fruit and Vegetable Containers.....	5.7 – 17.0%
Pallets.....	5.7 – 17.0%
Construction Woods.....	5.7 – 22.6%

## Dyes, Pigments and Filler Suspensions

Preventol ON extra Preservative Solution should be metered directly into the material to be preserved during the cooling step after the temperature falls below 50° C and homogeneously distributed by stirring.

Recommended Dosages:

Clay Slurries.....	0.3 – 1.1%
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Kaolin Slurries.....	0.3 – 1.1%
Calcium Carbonate Slurries.....	0.3 – 1.1%
Iron Oxide Pigment Slurries.....	0.3 – 1.1%
Carbon Black Pigment Slurries.....	0.3 – 1.1%
Titanium dioxide Pigment Slurries.....	0.3 – 1.1%
Organic Dyes and Pigment Slurries.....	0.3 – 1.1%
Starch Slurries.....	0.3 – 1.7%
Other Filler Suspensions.....	0.3 – 1.7%

## Polymer Dispersions and Emulsions

Preventol ON extra Preservative Solution is added immediately after the after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active caused by elevated temperatures should be avoided.

Recommended Dosages:

Acrylic Systems .....	0.3 – 1.7%
Polyvinyl Acetate (PVA) Systems.....	0.3 – 1.7%
Vinyl/Acrylic-Based Systems .....	0.3 – 1.7%
Styrene Butadiene Systems.....	0.3 – 1.7%
Polyester-Based Systems.....	0.3 – 1.7%
Polyurethane-Based Systems.....	0.3 – 1.7%
Other Polymer Dispersions.....	0.3 – 1.7%

## Lubricoolants and Mineral Oil-Based Products

Preventol ON extra Preservative Solution directly to the to the product to be preserved to form a homogeneous mixture in the substrates (metalworking fluids, etc.,) by stirring.

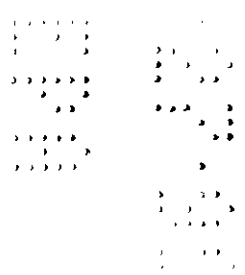
Recommended Dosages:

### Mineral oil-Based Products

Cooling Fluids – Concentrate.....	5.7 – 28.3%
Ready for use.....	0.3 – 1.4%
Boring and Cutting Oils.....	0.3 – 1.1%
Fuel oils.....	0.1 – 0.8%
Hydraulic Oils.....	0.3 – 1.4%

### Non-Mineral oil-Based Products

Cutting Oils.....	0.3 – 1.7%
Cooling Fluids.....	0.3 – 1.7%



# Other Applications

Recommended Dosages:

Concrete and Masonry Additives.....	0.6 – 1.7%
Biopolymers (e.g. Xanthan).....	0.3 – 1.1%
Fire Extinguishing Medium.....	0.6 – 1.7%
Photographic Gelatins.....	0.3 – 1.4%
Tints.....	0.3 – 1.1%
Cleaning Solutions.....	0.3 – 2.3%
Wax Emulsions.....	0.3 – 2.3%
Plasters.....	0.6 – 2.8%
Chemical Cleaning Solutions.....	0.1 – 0.8%
Concrete.....	0.6 – 2.8%
Caulking Materials.....	0.6 – 2.8%
Rubber Systems.....	0.1 – 5.7%
Ceramic Glazes.....	0.6 – 2.8%
Polishes.....	0.3 – 1.1%
Paper Auxiliaries.....	0.3 – 1.7%
Paper Slurries.....	0.4 – 0.6%

## II. Pesticide Storage and Disposal

### Pesticide Storage

Keep containers tightly and securely closed. Do not contaminate water, food or feed by storage and disposal. Store below 122° F (50° C). Protect from exposure to light and moisture. The product has an unlimited shelf-life if protected from light and moisture. See Bayer Material Safety Data Sheet for Preventol ON extra Preservative Solution for additional information.

### Pesticide Disposal

Do not contaminate water, food or feed by storage or 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

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.



9/9

### III. Health and Safety Information

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

#### **DANGER**

**Corrosive:** Harmful if swallowed or absorbed through skin.

Causes skin burns and irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, faceshield or safety glasses). Wear protective clothing and gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and was clothing before re-use.

**ENVIRONMENTAL HAZARDS**

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Bayer Corporation • Industrial Chemical Division  
100 Bayer Road  
Pittsburgh, PA 15205-9741

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 Bayer Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases Bayer 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 Bayer. 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.