
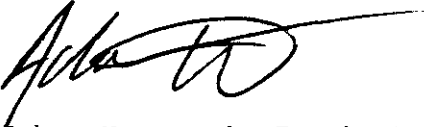


67869-24

2-14-2000

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 67869-24</p>	<p>Date of Issuance: FEB 14 2000</p>
	<p>Term of Issuance: Until Reregistration</p>	
	<p>Name of Pesticide Product: P-1® Preservative Solution</p>	
<p>Name and Address of Registrant (include ZIP Code):</p> <p>Verchem 3499 Grand Avenue Pittsburgh, PA 15225</p>		
<p>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.</p>		
<p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 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.67869-24" to your label before you release your product for shipment. 		
<p>Signature of Approving Official:</p>  <p>Adam Heyward, Product Manager (34) Regulatory Management Branch II Antimicrobials Division (7510W)</p>	<p>Date: Feb 14, 2000</p>	

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EPA Reg. No. ⁶⁷⁸⁶⁹⁻²⁴~~3008-75~~

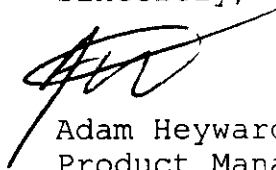
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3. Submit five (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 (7510W)

Enclosure

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

DANGER

Corrosive. May be fatal if inhaled.
Harmful if swallowed or absorbed through skin.
Causes skin burns and irreversible eye damage. Do not get in eyes, on skin or on clothing. Do not breathe vapor or mist. Wear protective eyewear (goggles, faceshield or safety glasses). Wear protective clothing and gloves. Wear a mask or pesticide respirator approved by the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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 local State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Corrosive to skin and eyes.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep containers tightly and securely closed. Do not contaminate water, food or feed by storage. Store below 122°F (50°C), protect from exposure to light and moisture. The product has unlimited shelf life if protected from light and moisture. See Verichem's Material Safety Data Sheet for additional instructions.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage and 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.

NONWARRANTY: 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 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.

P-1® 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 FRESH CUT LUMBER, CONCRETE ADDITIVES/MASONRY, METALWORKING FLUIDS, AIR FILTER OILS, STARCHES, CLAY SLURRIES, SLURRIES, PRINTING INKS, GRAPHITE, AND HARD SURFACE TREATMENT PRODUCTS (POLISHES, WAXES AND CERAMIC GLAZES).

Active Ingredient:	
Sodium Orthophenylphenate	20.0%
Inert Ingredients	80.0%
TOTAL	100.0%

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

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 on Skin: Wash with plenty of soap and water. Get medical attention.

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

See side panel for additional precautionary statements.

LOT NO. _____

EPA Registration No. 67869 EPA Est. No.: 67869-PA-01

_____ LB. NET WT. _____ kg

Made in U.S.A.

SOLD BY:



VERICHEM

VERICHEM INC.
3499 Grand Avenue
Pittsburgh, PA 15225

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 14 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under

Final Approved 5-5-99

67869-24

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DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. P-10 Preservative Solution is effective against a wide variety of mold fungi and bacteria for the preservation of glues and adhesives, polymer emulsions (coatings, PVA systems and rubber), thickeners (starch, cellulose, guar, etc.), paper, textiles, dyes, temporary sapstain control for fresh cut lumber, concrete additives/masonry, metalworking fluids, air filter oils, starches, clay slurries, slurries, printing inks, graphite, and hard surface treatment products (polishes, waxes and ceramic glazes).

The following guidance is given as an approximation for each use pattern, but field testing is recommended to achieve optimum effectiveness.

ADHESIVES AND GLUES

P-10 Preservative Solutions can be dissolved in suitable solvent systems such as ethanol or 1,2-propanediol, or an alkaline homogeneous concentrate can be prepared and added to the substrate for the effective preservation of glues and adhesives. P-10 Preservative Solution can be directly mixed until homogeneous into to dry glues before they are concentrated.

Recommended Dosages:

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%

HOUSEHOLD PRODUCTS & CONSTRUCTION PRODUCTS

Recommended Dosages:

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

Paper

Paper Auxiliaries.....	0.28 - 1.7%
Paper Slurries.....	0.4 - 0.6%

LEATHER TANNING

P-10 Preservative Solution may be dissolved in five times the amount of alcohol and then stirred into pickle solutions. In the case of chrome leather, an effective protection against mold attack may be obtained without additional labor by stirring P-10 Preservative Solution together with soda into the basifying solution. Finished vegetable-tanned leathers and chrome leathers may also be protected against mold attack by a treatment on both sides of the material with an 1.13 - 2.26% solution of P-10 Preservative Solution.

Recommended Dosages:

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

METAL WORKING FLUIDS, LUBRICOLANTS AND MINERAL OIL BASED PRODUCTS

Recommended Dosages:

Mineral Oil-Based Products

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

Non-Mineral Oil-Based Products

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

PAINTS, COATINGS & STAINS

P-10 Preservative Solution is generally incorporated directly into pigments and fillers, but it can also be first dissolved in a suitable solvent or added directly to the pre-heated binder systems. For best results, the preservative should be homogeneously incorporated into the stain or paint. Discoloration may occur, and should be evaluated.

Recommended Dosages:

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

PIGMENTS, DYES AND FILLER SUSPENSIONS

P-10 Preservative Solution should be evenly mixed with dispersing agents for processes where the temperature does not exceed 100°C. For all other processes, P-10 Preservative Solution is 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:

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

POLYMER DISPERSIONS AND EMULSIONS

P-10 Preservative Solution is added immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active ingredient caused by elevated temperatures should be avoided.

Recommended Dosages (Polymer Dispersions and Emulsions):

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

TEXTILES

P-10 Preservative Solution should be dissolved in suitable solvents such as ethanol, 1,2-propanediol, mineral spirits, or paraffins or can be converted to a water dilutable alkaline concentrate and applied 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, P-10 Preservative Solution is diluted in solvents added directly to textile. Print thickeners are preserved by adding P-10 Preservative Solution directly to the emulsion or homogeneously metered directly into the dried product. Milling may be necessary in order to obtain consistent particulate sizes.

Recommended Dosages:

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

WOOD PRESERVATION

For the temporary protection of freshly sawn lumber against staining and molding, P-10 Preservative Solutions are applied to the freshly sawn lumber by either dipping or spraying.

Recommended Dosages:

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

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