

PM 34

5383-93

8/14/98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
5383-93

Date of Issuance:
AUG 14 1998

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Until
Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
Troy Polyphase 624

Name and Address of Registrant (include ZIP Code):

Troy Corporation
8 Vreeland Road
P.O. Box 955
Florham Park, NJ 07932

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. 5383-93" 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:

1998
AUG 14 1998

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3. Submit five (5) 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**

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**STATEMENT OF PRACTICAL
TREATMENT**

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. 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

Combustible. Do not store or use near heat or open flame.

TROYSAN® POLYPHASE® 624

A FUNGICIDE FOR USE IN AQUEOUS SYSTEMS SUCH AS OLEO-RESINOUS AND LATEX PAINTS, WOOD PRODUCTS, CUTTING OILS, TEXTILES, PAPER COATINGS, INKS, PLASTICS, ADHESIVES AND CANVAS AND CORDAGE

EPA REG. NO. 5383-
EPA ESTAB. NO. 5383-NJ-1

SOLD FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Side Panel for Additional Precautionary Statements.

INDUSTRIAL FUNGICIDE

ACTIVE INGREDIENTS:

3-IODO-2-PROPYNYL BUTYL CARBAMATE.....	1.80%
1,3 BIS(HYDROXYMETHYL)-5,5-DIMETHYL HYDANTOIN.....	22.40%
HYDROXYMETHYL-5,5-DIMETHYL- HYDANTOIN.....	5.25%
INERT INGREDIENTS.....	70.55%
TOTAL.....	100.00%

**ACCEPTED
with COMMENTS
in EPA Letter Dated:
AUG 14 1998**



Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **5383-93**

**TROY CHEMICAL CORPORATION
ONE AVENUE L
NEWARK, N.J. 07105**

©TROYSAN IS A REGISTERED TRADEMARK OF TROY CHEMICAL CORPORATION

DIRECTIONS FOR USE

It is a violation of Federal Law to Use this product in a manner inconsistent with its labeling. Troysan Polyphase 624 is sold for industrial use only. It should be used only in areas listed in accordance with the instructions provided in the technical data sheet.

This product is not to be used in paper, paper coatings or adhesives that will come into contact with food and food surfaces.

STORAGE AND DISPOSAL

PESTICIDE STORAGE:

Troysan Polyphase 624 should not be stored at temperatures below 32°F (0°C). Drums should be stored in an upright position with all bungs tightly closed.

PESTICIDE DISPOSAL:

Do not contaminate water, food or feed by storage and disposal. Pesticide wastes are toxic. Improper disposal of excess pesticides, 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:

Do not reuse empty drums. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Net Contents:

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TROY CHEMICAL

TROY CHEMICAL CORPORATION
ONE AVENUE L, NEWARK, NEW JERSEY 07105
201-589-2500

TECHNICAL DATA SHEET
TROYSAN® POLYPHASE® 624
EPA Registration No. 5383-

PRODUCT:

TROYSAN® POLYPHASE® 624 is a broad spectrum liquid, non-metallic fungicide which is effective against a wide variety of fungal organisms. It may be used to protect both interior or exterior coatings from the growth of fungal organisms on the film surface. It may also be used as a fungicide in cutting oils, textiles, paper coatings, inks, adhesives, canvas and cordage. It is also recommended as a wood preservative. TROYSAN® POLYPHASE® 624 may be applied in aqueous dispersions to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mildew, sapstain and wood destroying fungi. For use on wood in above ground application only.

USES:

The following are recommended use levels for TROYSAN® POLYPHASE® 624. All recommendations are in percentage by weight and refer to the product TROYSAN® POLYPHASE® 624. Typical use levels are given for the various applications to indicate the approximate levels for a particular application. In order to determine the most cost effective use level for TROYSAN® POLYPHASE® in a given end use, field trials are suggested.

PAINTS AND STAINS:

TROYSAN® POLYPHASE® 624 will generally impart protection when used at levels of 17-40% based on the total formula weight. More may be required in hot, humid areas where mildew is a particular by severe problem, up to a maximum of 42.0% by weight.

For interior paints, because of the reduced fungal hazard, levels of 7.0-8.3% will usually be adequate.

For wood protective stains which are in both interior and exterior applications, levels of 17-50.0% based on formula weight are recommended, depending on the type of protection desired. If protection against wood destroying fungi is required, then a level of up to 60.0% is sufficient. If protection against blue stain and mold are required, then a level of 17-50.0% pounds is sufficient.

TROYSAN® POLYPHASE® 624 should be added with agitation at the end of the manufacturing cycle.

METALWORKING FLUIDS:

TROYSAN® POLYPHASE® 624 MAY BE USED IN METAL-WORKING FLUIDS TO PREVENT FUNGAL GROWTH AT CONCENTRATIONS OF 1.66-29.0%. It should be added to the cutting fluid concentrate in amount sufficient to yield the desired concentration in the diluted composition.

It is recommended that biocide levels be checked periodically as many cutting oils are unstable upon standing.

WOOD:

For use on wood in above ground applications only.

Treating solutions may be prepared by diluting TROYSAN® POLYPHASE® 624 in organic solvents or by creating a water emulsion. Levels of 27-50.0% TROYSAN® POLYPHASE® 624 are suggested depending on the type of protection required, severity of end use conditions and the duration of protection required. All products should be field tested in order to insure that the most cost-effective level of TROYSAN® POLYPHASE® 624 is being used.

SAPSTAIN CONTROL:

For the prevention of blue stain and mold fungi on freshly sawn lumber, a concentration of 1.66-2.50% active ingredient is suggested as a starting level. Formulations will usually be based on aqueous dispersions and emulsions. Lumber should be dipped for a duration of one to three minutes in order to achieve the maximum penetration into wood. For best results, lumber should be treated within 24 hours after it is cut.

MILLWORK:

TROYSAN® POLYPHASE® 624 is also recommended for use on millwork, including doors, window frames, exterior siding, composite board, plywood and other construction lumber when protection against the growth of mildew, blue stain and wood destroying fungi is required.

ACCEPTED Wood treated with TROYSAN® POLYPHASE® 624 does not with COMMENTS in appearance and may be painted when dry.

EPA Letter Dated:

AUG 14 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg No. 5383-93

For applications of this type, TROYSAN® POLYPHASE® 624 should be formulated in water based systems. These formulations may be applied by either immersion, spray or brush methods. Suggested use range of TROYSAN® POLYPHASE® 624 is 26.6-50.0% based on formula weight, depending on the type of protection desired. For protection against wood destroying fungi, a level of up to 50% may be required. For protection against blue stain and mold fungi, a level of 17-50.0% is sufficient. TROYSAN® POLYPHASE® 624 is not recommended for wood surfaces which come into direct contact with food.

TEXTILES:

TROYSAN® POLYPHASE® 624 may be used as a mildewicide in aqueous based coatings or dyes which are applied to the textile material. Typical end use of these materials are in such areas as carpets, canvas and cordage, drapes, shower curtains, etc. TROYSAN® POLYPHASE® 624 should be added at the end of the production cycle of the coating or dye.

TROYSAN® POLYPHASE® will normally impart protection to the substrate when added at levels of 3.33-60% based on the total formula weight.

PAPER COATINGS:

TROYSAN® POLYPHASE® 604 may be used as a mildewicide in aqueous based coatings which are applied to paper. Examples of such paper coatings are corrugated cardboard and soap wrappers. TROYSAN® POLYPHASE® should be added at the end of the manufacturing cycle of these coatings with good agitation.

TROYSAN® POLYPHASE® will generally impart protection to the substrate when added at a level of 6-33% based on the total weight of the formulation.

CANVAS AND CORDAGE:

TROYSAN® POLYPHASE® 624 may be used as a mildewicide in both aqueous and solvent based formulations which coat canvas and cordage substances. TROYSAN® POLYPHASE® should be added at the end of the production cycle of the coating with good agitation.

TROYSAN® POLYPHASE® will generally impart protection to the substrate when added at levels of 17-50% based on the formula weight.

INKS:

TROYSAN® POLYPHASE® 624 may be used in aqueous based ink solutions for protection of these solutions against the attack of fungal organisms. It is recommended that TROYSAN® POLYPHASE® be added at the end of the production cycle.

TROYSAN® POLYPHASE® will generally impart protection when used at levels of 3.33-50.0% based on the formula weight.

ADHESIVES:

TROYSAN® POLYPHASE® 624 can be used as an additive to caulk and adhesive formulations to prevent the growth of fungal organisms in the material in both the wet stage and once the film has dried.

Recommended levels are between 1.5-30% based on the formula weight. TROYSAN® POLYPHASE® should be added toward the end of the production cycle with good agitation. For non-food, non-medical use only.

STORAGE AND HANDLING:

TROYSAN® POLYPHASE® 624 has a tendency to crystallize at low temperatures. Storage temperatures below 90°F (32°C) and above 32°F (0°C) are recommended. Store drums in an upright position. Do not reuse empty drums. Dispose of in accordance with label directions. Complete safety and handling information will be found in the Material Safety Data Sheet.

NOTE:

The information and data given herein are based upon tests and reports considered to be reliable, and are believed to be accurate, but are in no way guaranteed. No warranty, expressed or implied is made or intended. The adoption for use should be based upon the customer's own investigations and appraisal, and no recommendation should be construed as an invitation to use material in infringement of patents.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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TYPICAL PROPERTIES:

Active Ingredients..... 1.8% min. 3-iodo-2-propynyl butyl carbamate
 22.4% 1,3-Bis (hydroxy methyl)-5,5-dimethylhydantoin
 5.25% Hydroxymethyl-5,5-dimethylhydantoin

Appearance..... Amber mobile liquid

Odor..... Characteristic

Solubility..... Dispersible in aqueous based systems.

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