

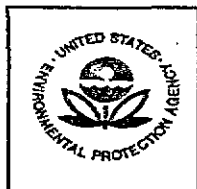
PM 32

5383-94

BEST AVAILABLE IMAGE

3/10/98

1/6



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobial Division (7510W)  
401 "M" St., S.W.  
Washington, D.C. 20460

NOTICE OF PESTICIDE:  
X Registration  
\_\_\_\_ Reregistration

(under FIFRA, as amended)

EPA Reg.  
Number:

5383-94

Date of Issuance:

MAR 10 1998

Term of Issuance:

Conditional

Name of Pesticide Product:

Troysan Polyphase 597

Name and Address of Registrant (include ZIP Code):

Kari E. Mavian, Agent for  
Troy Chemical Corporation  
One Avenue L  
Newark, NJ 07105

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobial Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. 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/reregistration 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 reregistration of your product under FIFRA section 4.

2. Please adhere to the following recommendations:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 5383-94".

**Product Chemistry**

3. This formula is not cleared by FDA for use in the manufacture of food grade paper coatings and adhesives. Therefore, the label should have a restriction statement which specifies that this product may not be used in the manufacture of food grade adhesives and paper coatings.

Signature of Approving Official:

*Robert S. Brennis*  
Robert S. Brennis  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobial Division 7510W

Date:

3/10/98

2/6

## Product Toxicology

The acute oral toxicity, primary eye irritation and primary skin irritation studies are acceptable and sufficient to support the registration of the product.

The Agency will allow Troy Chemical Company to cite:

- a. The acute dermal toxicity study conducted on Troysan Polyphase 598.
- B. The acute inhalation toxicity study conducted on Troysan Polyphase 588.

The acute toxicity profile for file symbol 5383-94 is as follows:

Acute oral toxicity	III	acceptable
Acute dermal toxicity	II	acceptable
Acute inhalation toxicity	II	acceptable
Primary eye irritation	I	acceptable
Primary skin irritation	I	acceptable
Dermal sensitization	sensitizer	acceptable

4. Your labeling should read as follows:

SIGNAL WORD: DANGER

### PRECAUTIONARY STATEMENTS:

Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin or inhaled. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. For handling activities during [insert applicable terms based on direction for use: airblast mistpower, pressure greater than 40 p.s.i. with fine droplets, smoke, mist, fog, aerosol or direct overhead] exposures, wear either 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 14G). For all other exposure wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Wear protective clothing and rubber gloves. 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, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### STATEMENT OF PRACTICAL TREATMENT (SOPT):

**IF SWALLOWED:** Call a physician or Poison Control Center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. For Category III, add "if symptoms persist."

3/12

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

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

**NOTE TO PHYSICIAN:**

The proposed label should contain a "Note to Physicians". Some suggested types of information include the following:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number of specific medical personnel who can provide specialized medical advice

Probable mucosal damage may contraindicate the use of gastric lavage.

5. Submit two copies of the revised final printed label for the record.

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.

Signature of Approving Official:	Date:
Robert S. Brennis Product Manager 32 Regulatory Management Branch II Antimicrobial Division 7510W	3/10/98

## Precautionary Statements Hazards to Humans

### Danger

Corrosive. Causes irreversible eye damage and skin irritation. Do not get in eyes, on skin, or clothing. Wear goggles or faceshield. May be fatal if absorbed through the skin. Do not get in eyes, skin or on clothing. Wear protective clothing and rubber gloves. Harmful if swallowed or inhaled. Avoid breathing spray mist. Causes skin irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

### Environmental Hazards

This product 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 the 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 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 wastes.

### Physical and Chemical Hazards

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

## Troysan® Polyphase® 597

A fungicide/algicide for exterior paints, masonry coatings, wood protective stains, adhesives, caulks, and sealants

EPA Reg. No. 5383-  
EPA Est. No. 5383-NJ-1

### Active Ingredients:

3-Iodo-2-propynyl butyl carbamate .....9.70%  
N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-  
(methylthio)-1,3,5-triazine-2,4-diamine...19.20%

### Inert

Ingredients.....71.10%  
Total.....100%

Keep out of reach of children

### Danger

Sold For Industrial Use Only  
See Side Panel For Additional  
Precautionary Statements

Troy Chemical Corporation  
One Avenue L  
Newark, NJ 07105

ACCEPTED

COMMENTS

in EPA Letter Dated:

MAR 10 1998

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

5383-94

### First Aid

**If In Eyes:** hold eyelids open and flush with a steady stream of water for 15 minutes. Get medical attention.

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

**If Swallowed:** Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If person is unconscious, DO NOT give anything by mouth or induce vomiting

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

### Directions for Use

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

**Application:** Troysan Polyphase 587 is sold for industrial use only. It should be used only in the areas listed in accordance with the instructions provided in the technical bulletin.

### Storage and Disposal

**Storage:** This material has a tendency to crystallize at low temperatures. Storage temperatures below 90°F (32°C) and above 32°F (0°C) are recommended.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixtures or rinsates is a violation of Federal Law. If these wastes can not 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. Do not contaminate food or feed by storage or disposal.

**Container Disposal:** Triple rinse (or Equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or other approved by state and local procedures.

**TROYSAN® POLYPHASE®****597**

7/6

Fungicide/Algicide

E.P.A. Registration No. 5383-

**PRODUCT DESCRIPTION**

Troysan® Polyphase® 597 is a low viscosity liquid formulation which is effective against a wide variety of fungal and algal organisms.

**PRODUCT HIGHLIGHTS**

- Broad spectrum fungicidal and algicidal activity
- Non-metallic
- Liquid form
- Non-corrosive
- Water solvent based system compatibility

**USE**

Troysan® Polyphase® 597 offers effective dry film fungal and algal protection in exterior paints, masonry coatings and wood protective stains.

Troysan® Polyphase® 597 also provides effective control in preventing mildew and algae growth in adhesives, caulks, sealants and other industrial applications. Troysan® Polyphase® 597 is intended for applications where fungi are predominant threat.

**SUGGESTED APPLICATION LEVELS**

Suggested application levels are based on laboratory and field evaluations and are typical for the use areas indicated. Suggested use levels are reported as percentage weight/weight in the final use product.

**% Wt/Wt**

Exterior paint (for film protection).....	0.3-1.0
Wood protective stain.....	0.3-1.0
Adhesives, caulks & sealants.....	0.2-1.0
Joint cements.....	0.3-0.7
Roof coatings.....	0.5-2.0
Stucco.....	0.3-1.0

The actual level of Troysan® Polyphase® 597 required for your system is formulation specific. The selection of the individual components of the formula, the PVC level, the substrate to be coated and the environment in which the coating will be exposed all have an influence on the amount of protection needed.

**FORMULARY TESTING**

Troysan® Polyphase® 597 Corporation's Microbiological Laboratory is available to provide additional assistance in determining the proper level of protection needed for your system.

**PAINT AND COATINGS**

Troysan® Polyphase® 597 has been shown to be an effective fungal algal control agent in both water and solvent based paints and coatings. Troysan® Polyphase® 597 will impart dry film protection in both systems. In hot, humid areas where fungi are a particularly severe problem, the upper application levels are suggested. Troysan® Polyphase® 597 should be added with good agitation at the end of the manufacturing cycle. (See Formulation Notes).

**TYPICAL PROPERTIES:**

Appearance:	Clear liquid
Active Ingredients:	3-iodo-2-propynyl butyl carbamate and N-Cyclopropyl-N-(1,1-dimethylethyl)-5-(methylthio)-1,3,5-triazine-2,4-diamine
Specific Gravity 20°C:	1.05
Color, Gardner	2-3
Viscosity, 25°C:	3.9mPaS
Flash Point	128°F

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## EXTERIOR ADHESIVES, CAULKS & SEALANTS

**Troysan® Polyphase® 597** can be used as an additive to prevent the growth of fungal and algal organisms in both the wet and cured bead stage adhesive, caulk and sealant formulations. **Troysan® Polyphase® 597** should be added towards the end of the production cycle with good agitation. Adhesives containing this product may not contact food.

### FORMULATION NOTES

- All suggested use applications should be evaluated for final product efficacy, color uniformity and for pH, temperature and storage stability prior to commercialization.
- White and light colored exterior paints should be checked for color stability on exposure. Metal containers for formulated products should always be lined.

- Do not store formulated products for prolonged periods in iron or stainless steel containers.
- For paint and coating applications, **Troysan® Polyphase® 597** should be added at the end of the manufacturing cycle after the final pH adjustments have been made. (Not during the grind)

### STORAGE & HANDLING

- Do not store at temperatures below 7°C.
- Store drums tightly closed in upright position.
- Do not reuse empty drums.
- Dispose of in accordance with Federal and local requirements.
- See MSDS for complete safety and handling information.

### PACKING

**Troysan® Polyphase® 597** is packaged in:

- 463 lbs. Drums (net)
- 126 lbs. Drums (net)

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**TROY Corporation**  
P.O. Box 955, 8 Vreeland Road  
Florham Park, NJ 07932  
TEL: 201-443-4200  
FAX: 201-443-0256

**TROY International**  
P.O. Box 955, 8 Vreeland Road  
Florham Park, NJ 07932  
TEL: 201-443-4200  
FAX: 201-443-0256

**Latin America**  
**TROY Corporation**  
10689 North Kendall Dr. Suite 317  
Miami, FL 33176  
TEL: 305-595-0199  
FAX: 305-595-0168

**Europe**  
**TROY Chemical Company BV**  
Uiverlaan 12E  
3145 XN Maassluis  
The Netherlands  
TEL: 31(0) 10-592-7491  
FAX: 31(0) 10-592-8877

**Southeast Asia**  
**TROY Southeast Asia**  
33-B Polaris Street, Bal-Air Makati  
Metro Manila, Philippines  
TEL: 63-2-895-5964  
FAX: 63-2-895-5551 or 63-2-895-7686

**Middle East Africa**  
**TROY MEA**  
T. Iverson Rd  
London NW6 2QT  
United Kingdom  
TEL/FAX: 44-171-624-4330

**Italy**  
**TROY Italia**  
Via Lorenteggio, 35  
20146 Milano, Italy  
TEL: 39-2-475054  
FAX: 39-2-471712

**France**  
**TROY France**  
196 Rue Houdan  
92350 Sceaux, France  
TEL: 33-1-41138899  
FAX: 33-1-41136040

**Canada**  
**TROY Chemical Company, Ltd**  
157 Overure Rd  
Scarborough, Ontario M1E 1W5  
Canada  
TEL: 416-297-9116  
FAX: 416-297-9779

**Germany**  
**TROY Chemie GmbH**  
Uerdingerstrasse 541  
47800 Krefeld 1  
Germany  
TEL: 49-2151-59-03-38 & 39  
FAX: 49-2151-59-81-45

**United Kingdom**  
**TROY Chemical Company**  
Zenith House  
Northolme Rd  
Louth LN11 0HQ  
Lincolnshire  
United Kingdom  
TEL: 44-1-507-609606  
FAX: 44-1-507-607107

