



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

EPA Reg. Number:
 5383-95

Date of Issuance:
 FEB 19 1998

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
 Conditional

Name of Pesticide Product:
 Troysan Polyphase 598

(under FIFRA, as amended)

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. 5383-95".

Product Chemistry

b. 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
 Product Manager 32
 Regulatory Management Branch II
 Antimicrobial Division 7510W

Date:

2/19/98

Product Toxicology

The acute toxicity profile for file symbol 5383-95 is as follows:

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

c. Your "Precautionary Statement" should read as follows:

Corrosive. Causes irreversible eye damage. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

d. Your "Statement of Practical Treatment" (SOPT) should read as follows:

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."

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:

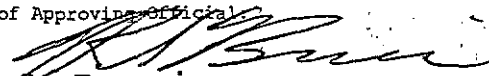
- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number of specific medical personnel who can provide specialized medical advice

Probable mucosal damage may contraindicate the use of gastric lavage.

3. 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.

<p>Signature of Approving Official  Robert S. Brennis Product Manager 32</p>	<p>Date: 2/19/78</p>
---	----------------------

**Precautionary Statements
Hazards to Humans**

Danger

Corrosive. Causes irreversible eye damage and skin irritation. Do not get in eyes, on skin, or clothing. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or faceshield. Causes skin irritation. 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 19 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5383-95

Troysan® Polyphase® 598

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 carbamate4.85%
N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-
(methylthio)-1,3,5-triazine-2,4-diamine.....24.0%

Inert

Ingredients.....71.15%
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

©Troysan and Polyphase are registered
trademarks of the Troy Chemical Corporation

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

Directions for Use

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

Application: Troysan Polyphase 598 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 of environmental control agency of 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.

4086



TROYSAN® POLYPHASE®

5 of 6

598

Fungicide/Algicide

E.P.A. Registration No. 5383-

PRODUCT DESCRIPTION

Troysan® Polyphase® 598 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® 598 offers effective dry film fungal and algal protection in exterior paints, masonry coatings and wood protective stains.

Troysan® Polyphase® 598 also provides effective control in preventing mildew and algae growth in adhesives, caulks, sealants and other industrial applications. Troysan® Polyphase® 598 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® 598 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® 598 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® 598 has been shown to be a effective fungal algal control agent in both water and solvent based paints and coatings. Troysan® Polyphase® 598 will impart dry film protection in both systems. In hot, humid areas where fungi are particularly severe problem, the upper application levels are suggested. Troysan® Polyphase® 598 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-6-(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, °F	128°F

TROY Corporation makes no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose for these products. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Under no circumstances shall TROY Corporation be liable for incidental, consequential or other damages from alleged negligence, breach or warranty, strict liability or any other theory arising out of the use or handling of these products. The sole liability of TROY Corporation or TROY Chemical Corporation for any claims arising out of the manufacture, use or sale of its products shall be for the buyer's purchase price. Customers should conduct their own tests before using any product. TROY Chemical Corporation is a wholly owned subsidiary of TROY Corporation.

EXTERIOR ADHESIVES, CAULKS & SEALANTS

Troysan® Polyphase® 598 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® 598 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® 598 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® 598 is packaged in:

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

TROY Corporation makes no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose for these products. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Under no circumstances shall TROY Corporation be liable for incidental, consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory arising out of the use of handling of these products. The sole liability of TROY Corporation or TROY Chemical Corporation for any claims arising out of the manufacture, use or sale of its product shall be for the buyer's purchase price. Customers should conduct their own tests before using any product. TROY Chemical Corporation is a wholly owned subsidiary of TROY Corporation.

TROY Corporation
P.O. Box 955, 8 Vreeland Road
Florham Park, NJ 07932
TEL: 201-443-4200
FAX: 201-443-0257

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: 305-595-0499
FAX: 305-595-0168

Europe
TROY Chemical Company BV
Uiverlaan 12E
3145 XN Maassluis,
The Netherlands
TEL: 31(0) 10-592-7494
FAX: 31(0) 10-592-8877

Southeast Asia
TROY Southeast Asia
35-B Polaris Street, Bel-Air Makati
Metro Manila, Philippines
TEL: 63-2-896-6964
FAX: 63-2-895-5551 or 63-2-895-7686

Middle East, Africa
TROY MEA
7, Iverson Rd
London NW62QT
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
92330 Sceaux, France
TEL: 33-1-41138899
FAX: 33-1-41136040

Canada
TROY Chemical Company, Ltd
157 Overure Rd
Scarborough, Ontario M1E 2W5
Canada
TEL: 416-287-9116
FAX: 416-287-9779

Germany
TROY Chemie GmbH
Lendingrstrasse 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 OHQ
Lincolnshire
United Kingdom
TEL: 44-1-507-609606
FAX: 44-1-507-607107

