

Precautionary Statements Hazards to Humans

Danger

Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through the skin or inhaled. Harmful if swallowed. Do not get in eyes, on skin, or clothing. Do not breathe spray mist. Wear goggles or faceshield. Wear a mask or pesticide respirator jointly approved by MSHA and NIOSH. Wear protective clothing and rubber gloves. Prolonged or frequently repeated skin contact may cause allergic reactions 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.

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. 5383-94
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%

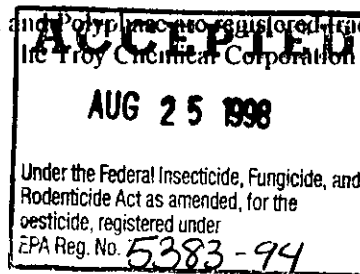
Keep out of reach of children

Danger

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

Troy Chemical Corporation
One Avenue L
Newark, NJ 07105

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

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.

NOTE to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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

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 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.

Handwritten notes on the right margin: 'PM 34', '5383-94', '8-25-98', and '1043'.



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).

ACCEPTED
AUG 25 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 5383-94

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-triazin-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, 3 Vreeland Road
Florham Park, NJ 07931
TEL: 201-443-4200
FAX: 201-443-0257

TROY International
P.O. Box 955, 3 Vreeland Road
Florham Park, NJ 07931
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
Lieverlaan 12E
3145 XN Maastruis,
The Netherlands
TEL: 31(0) 10-592-7882
FAX: 31(0) 10-592-8877

Southeast Asia
TROY Southeast Asia
35-B Pointe Street, Bell-Air Makati
Metro Manila, Philippines
TEL: 63-2-895-6965
FAX: 63-2-895-5551 or 63-2-895-7636

Middle East, Africa
TROY MEA
7, Iverson Rd
London NW62QT
United Kingdom
TEL/FAX: 44-171-6244330

Italy
TROY Italia
Via Lorenteggio, 35
20146 Milano, Italy
TEL: 39-2-475034
FAX: 39-2-475712

France
TROY France
196 Rue Houaon
92330 Sceaux, France
TEL: 33-1-41133999
FAX: 33-1-41133040

Canada
TROY Chemical Company, Ltd
157 Overure Rd
Scarborough, Ontario M1E 0W5
Canada
TEL: 416-297-9716
FAX: 416-297-9779

Germany
TROY Chemie GmbH
Uendingerstrasse 541
47500 Krefeld 1
Germany
TEL: 49-2151-59-05-38 & 39
FAX: 49-2151-59-81-45

United Kingdom
TROY Chemical Company
Zenith House
Northolme Rd
Louth LN11 0HQ
Lincolnshire
United Kingdom
TEL: 44-1507-607107
FAX: 44-1507-607107

