



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

5383-195

Date of Issuance:

7/5/17

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Troysan ZPT38

Name and Address of Registrant (include ZIP Code):

Troy Chemical Corporation  
c/o Troy Corporation  
8 Vreeland Road  
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 Antimicrobials 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 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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Zeno Bain, Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Date:

7/5/17

2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 5383-195."
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/22/2017

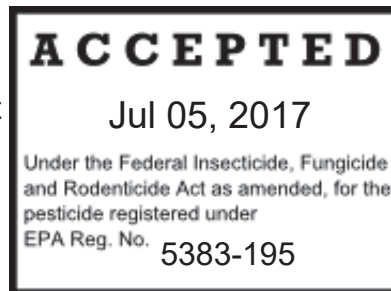
If you have any questions, please contact Seiichi Murasaki at (703) 347-0163 or [murasaki.seiichi@epa.gov](mailto:murasaki.seiichi@epa.gov).

Enclosure: Stamped Label

Center Panel

Troysan ZPT38  
Industrial Microbiostat

EPA Reg. No.: 5383- TBD  
EPA Estab. No.: XXXXX



Active Ingredient:  
Zinc pyrithione (Zinc, 2-pyridinethiol-1-oxide).....38%  
Inert Ingredients.....62%  
Total: 100%

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See side panel for additional precautionary statements

Manufactured (Produced) for:

TROY CHEMICAL CORP.  
One Avenue L  
Newark, N.J. 07015

Net Weight: \_\_\_\_\_

## Left Panel

### **Precautionary Statements Hazards to Humans and Domestic Animals**

#### **CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation.  
Harmful if inhaled. Do not breathe spray mist. Avoid contact with skin, eyes or clothing.  
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Users must wear protective eyewear (goggles, safety glasses, or face shield), long-sleeved shirt and long pants, socks, chemical resistant gloves and chemical resistant footwear.

<b>FIRST AID</b>	
If Swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person</li></ul>
If in Eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on Skin or Clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If Inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>HOTLINE NUMBER</b> For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Information Center at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire or accident) call Chem-Trec at 1-800-424-9300. Have product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

## ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, estuaries, oceans or public 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.

## CHEMICAL HAZARDS

Do not store or mix with strong oxidizing agents or strong (concentrated) acids. In case of contamination, do not reseal container. If possible, isolate container in open or well-ventilated area. Fumes caused by contamination may be hazardous.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **Read entire label and use strictly in accordance with precautionary statements and directions.**

**Dry-film preservation:** protects the dry film itself and does not protect the underlying surface from attack by algae, fungi, mildew or bacteria.

For the dry-film preservation of flooring and other non-food contact adhesives, caulks, sealants, grouts and patching compounds :

**Adhesives:** For fungal control add 1900 ppm of this product and for bacterial control add 6100 ppm (Add 1.9 lbs. of this product to 1000 lbs. of adhesive to control fungus and add 6.1 lbs. per 1000 lbs. of adhesive to control bacteria.)

**Caulks/Sealants:** For fungal control add 5300 ppm of this product and for bacterial control add 12,760 ppm of this product. (Add 5.3 lbs. of this product per 1000 lbs. of caulk/sealant to control fungus, add 12.76 lbs. of this product per 1000 lbs. to control bacteria.)

**Grouts/Patching Compounds:** For fungal control add 2550 ppm of this product and for bacterial control add 10,100 ppm of this product. (Add 2.55 lbs. of this product to 1000 lbs. of grouts/patching compounds to control fungus and 10.1 lbs. of this product per 1000 lbs. to control bacteria.)

**For Aqueous Latex and Other Types of Architectural and Industrial Non-Marine Paints and Coatings Including Powder Coatings:** Addition of up to 12,760 ppm of this product can inhibit the growth of algae, bacterial slime, mildew, and other fungi. It can be added at any time during the formulation procedure. (For example, add 12.76 lbs. of this product to 100 gallons of wet paint for a typical paint having the density of 10 lbs. per gallon.)

**For the Dry-Film Preservation of Residential Latex Paints:** Use a minimum of 6400 ppm of this product. For maximum protection against the growth of algae, and/or fungi causing stains, odor or film degradation, use 12,760 ppm of this product. For control of bacteria causing stains, odor or film degradation of the dry paint film surface use 6400 ppm of this product. ( Add a minimum of 6.4 lbs. of this product to 100 gallons of wet paint, with a density of 10 lbs. per gallon, to control fungi, bacteria or algae. Add a maximum of 12.76 lbs. of this product to 100 gallons.)

**(For Unit Dose Packages of 10.4 ml & 49.4 ml unit-dose packets): For dry-film preservation in interior/low humidity conditions:** For each gallon of paint with an approximate density of 10 gal. use one 10.4 ml packet (0.35 fl. oz. or 13 grams) which provides a dosage of 3000 ppm of this product. For more severe conditions of exposure to weather or humidity, use 2 packets (which provides a dosage of 6000 ppm of this product). For each 5 gallons of paint, use one 49.4 ml packet-1.66 fl. oz. or 62 grams) which provides 2800 ppm of this product. For more severe conditions of exposure to weather or humidity use 2 packets (which provides a dosage of 5600 ppm of this product).

**For the Dry-Film Preservation of Joint Compounds, Glazing Compounds and Wood Fillers:** Addition of up to 12760 ppm (12.76 lbs. per 1000 lbs. of formulation) of this product will inhibit the growth of fungi causing stains, odor or film degradation and bacteria causing stains, odor or degradation. This product can be added at any time during the formulation procedure.

**For the Preservation of Styrene Butadiene Rubber and Thermoplastic Resins Used in the Manufacture of the Following Products:** Rubber bands, carpet fibers, carpet backings, rubber or rubber-backed bath mats; foam underlay for carpets, synthetic, non-leather materials; foam stuffing or cushions for mattresses; wire and cable insulation, vinyl, linoleum and synthetic floor coverings; wall coverings; plastic furniture; rubber/wood floor composite; wood plastic composite products (non-food) uses: Athletic flooring and mats; mattress liners, covers or ticking; molding, mats, gaskets, weather stripping; coated fabrics for furniture cushions, boat covers, tents, tarpaulins; awnings; non-surgical rubber gloves; garbage bags; refuse containers; bathtub appliques; garden hose; non-potable water pipe; ductwork; air filters; air filtration components and air filtration media for industrial, hospital, residential and commercial heating and cooling; shower curtains; sponge or fiber mops; household use sponges; toilet brush receptacles; toothbrush receptacles (non-bristle contact); sink mats and drain boards; storage containers; soap dish holders; towel bars; components of footwear and toilet seats. Addition of up to 10100 ppm (10.1 lbs. per 1000 lbs. of formulation) of this product can inhibit growth of bacteria and fungi causing stains, odor or product degradation in styrene butadiene rubber and thermoplastic resins such as vinyl chloride-vinyl acetate copolymers, polyurethanes, polyamides, polyolefins, polystyrene, polyesters and acrylonitrile copolymers. It can be added at a time during the formulation procedure that will ensure uniform distribution throughout the polymer system. Add by pouring or by use of metering equipment. To inhibit fungi in polyurethane footwear components add 5100 ppm (5.1 lbs. per 1000 lbs. of formulation) of this product to the polyurethane formulation.

**For the In-Can Preservation of Latex Emulsions, Clay, Mineral, Pigment and Guar Gum Slurries Used in the Manufacture of Adhesives, Caulks, Patching Compounds, Sealants and Grouts:** Use up to 12760 ppm to control bacteria and fungi causing stains, odors and product degradation. This dosage is equivalent to 12.76 lbs. of this product per 1000 lbs. of slurry and can be added at any time in the formulation process.

**For the Preservation of Ceilings, Ceiling Tile, Walls and Partitions:** Use up to 10100 ppm of this product (10.1 lbs. per 1000 lbs. of formulation, i.e. wet slurry) to inhibit the growth of bacteria and fungi causing stains, odor or product degradation. It can be added at any time in the formulation process, alternatively the product may be added to latex or other types of coatings systems routinely applied to the surfaces of walls, ceiling tiles, partitions, etc. at the same dosage as above.

**Laundered Fabrics:** To inhibit bacteria and fungi caused stains, odor or degradation of natural and synthetic fabrics, including polyamide, nylon, polypropylene, polyethylene, polyesters, wool, polybenzimidazole, polyparaphenylene phthalamides, cellulose and blends of these polymers. At a specific density of 8.3 pounds per gallon, add 8-23 ounces of this product per 1000 lbs. dry weight of fabric to reach a use level of 48 to 142 ppm. Apply to the soiled operation and run for a minimum of five minutes. Product is to be used in industrial applications. Product is not intended for use in residential, commercial or institutional settings.

### **Indirect Food Contact Uses**

#### **To Control Growth of Bacteria and Fungi in Adhesives used in Food Packaging:**

For food packaging adhesives, at use temperatures up to 120°F and subject to Good Manufacturing Practices in addition to the conditions specified in 21 CFR 175.105 (a) and (b) add a dosage of 2000 ppm to a maximum of 2600 ppm of this product (2.0 to 2.6 lbs of this product per 1000 lbs. of food packaging adhesive) and ensure thorough mixing.

#### **To Control Growth of Bacteria and Fungi in Latex Emulsions or Aqueous Inorganic Slurries Used In the Manufacture of Food Contact Coated Paper:**

To control bacterial and fungal growth in aqueous paper coatings and paper coating components including latex, starch solutions, mineral or pigment slurries (clay, kaolin calcium carbonate or titanium dioxide) at a dosage not to exceed 1300 ppm of this product in the paper coatings components and not exceed 250 ppm of this product in the paper coating formulation. Can be added at any point in the paper coating process.

## **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Do not freeze. Store above 50°F. Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids.

**Pesticide 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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. 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.

[For containers > 5 gallons in size] Triple rinse as follow: Empty remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closure. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[For containers < 5 gallons] Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.