



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 16, 2016

Maureen Miksztal  
Senior Regulatory Manager  
Troy Chemical Corporation  
c/o Troy Corporation  
8 Vreeland Road  
Florham Park, N.J. 07932

Subject: Notification per PRN 98-10 – Updating phrases under the Precautionary Statements on the Back Panel of the Master label.  
Product Name: Fungitrol™ 420S Fungicide  
EPA Registration Number: 5383-170  
Application Date: October 24, 2016  
Decision Number: 523215

Dear Ms. Miksztal,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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 have any questions, you may contact Lorena Rivas at 703-305-5027 or via email at [rivas.lorena@epa.gov](mailto:rivas.lorena@epa.gov).

Sincerely,

A handwritten signature in blue ink, consisting of several overlapping, fluid strokes that are difficult to decipher.

for

Jacqueline Hardy, Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Notification Label

Master label includes label language for industrial, retail, and home packaging

MASTER LABEL INCLUDES LABEL LANGUAGE FOR INDUSTRIAL, RETAIL, AND HOME PACKAGING  
**NOTIFICATION**

**FUNGITROL™ 420S FUNGICIDE**  
**FOR INDUSTRIAL USE ONLY**

5383-170

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

<b>ACTIVE INGREDIENT:</b>		11/16/2016
3-iodo-2-propynyl butyl carbamate.....		<b>20.00%</b>
<b>OTHER INGREDIENTS:</b> .....		<b>80.00%</b>
<b>TOTAL</b> .....		<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**FIRST AID**

**IF IN EYES:** 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. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

See Side Panel for Additional Precautionary Statements

[See Precautionary Statements on Back Panel]

[Manufactured/Produced for:] [Distributed by:]

**Troy Chemical Corporation**  
One Avenue L, Newark, N.J. 07105

EPA Reg. No.: 5383-170  
EPA Est. No.: 5383-NJ-001

**NOTE: READ THE MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT.**

**IN CASE OF EMERGENCY  
CALL CHEMTREC 800-424-9300**

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

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### **CAUTION**

Do not apply this product in a way that will contact workers or other persons. Causes skin irritation and moderate eye irritation. Avoid contact with eyes, skin and clothing. Harmful if swallowed, inhaled or absorbed through the skin. Wash thoroughly with soap and water after handling. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

Mixers and other handlers must wear appropriate clothing such as long-sleeve shirt and long pants, chemical resistant gloves, and shoes and socks. Users should remove personal protective equipment (PPE) immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **DIRECTIONS FOR USE**

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

The following are suggested use levels for Fungitrol™ 420S Fungicide given in percentage by weight. For use as a preservative in manufacturing dry film paint generally use 0.2-4% in wet paint, for aqueous metal working, cutting, cooling and lubricating fluids and concentrates use 0.15-0.5%, for paper coatings use 0.25-3.75%, for plastics and plastic coatings use 0.25-5.0%, for cordage use 0.25-5.0%, for inks use 0.25-3%, for pigment dispersions\*, slurries, and gypsum slurries for wallboard (drywall and gypsum board)\* use 0.02-4%. For household, consumer, industrial, institutional, and janitorial products (such as liquid and solid air fresheners, dish detergents, laundry products, soaps and detergents, non-food contact surface cleaners, floor care products\*, bathroom cleaners, window cleaners, fabric care products, automotive care products\*, and furniture care products\*), use 0.02-0.15%. For wood preservation, use only in above-ground applications at 1.5-6.0%. Fungitrol™ 420S Fungicide can be used as a fungicide in non-medical, non food contact aqueous, solvent and non-solvent based systems such as natural and synthetic adhesives, caulks, patching compounds, cement based products, sealants, grouts, latexes such as sbr/latex used in the manufacture of flooring adhesives or carpet backings. Use levels for these applications are 0.125-1.25%. For specific recommendations on specific amounts of product to use please contact Troy.

\*Not approved for use in California.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE** - Do not store with strong oxidizing agents or strong (concentrated) acids. Keep container tightly closed when not in use. Do not reuse container.

**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 by use according to label instructions, contact your local State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

*[Note to reviewer: the following language will be used for containers less than or equal to 50 lbs]*

**CONTAINER HANDLING** – Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the 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 the 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

*[Note to reviewer: the following language will be used for containers greater than 50 lbs]*

**CONTAINER HANDLING** - Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke

MASTER LABEL: ALTERNATE LABEL LANGUAGE FOR RETAIL PACKAGING – 1.5 oz. pillowpacks and 7.5 oz., 2.48 lbs. and 4.95 lbs. containers

## FUNGITROL™ 420S FUNGICIDE

FOR USE IN ALL INTERIOR/EXTERIOR LATEX [OR WATER BASED], OIL AND SOLVENT  
BASED PAINTS, STAINS, COATINGS AND ADHESIVES  
INHIBITS MOLD, MILDEW, AND ALGAE ON DRY FILM  
OFFERS PROTECTION AGAINST MICROBIAL DEFACEMENT

**ACTIVE INGREDIENT:**

3-iodo-2-propynyl butyl carbamate.....	20.00%
<b>OTHER INGREDIENTS:</b> .....	<b>80.00%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

### KEEP OUT OF REACH OF CHILDREN

#### FIRST AID

**IF IN EYES:** 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. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

See Side Panel for Additional Precautionary Statements

[See Precautionary Statements on Back Panel]

[Manufactured/Produced for:] [Distributed by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

EPA Reg. No.: 5383-170

EPA Est. No.: 5383-NJ-001

NOTE: READ THE MATERIAL SAFETY DATA  
SHEET BEFORE  
USING THIS PRODUCT.

IN CASE OF EMERGENCY  
CALL CHEMTREC 800-424-9300

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

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Do not apply this product in a way that will contact any person or pet. Causes skin irritation and moderate eye irritation. Avoid contact with eyes, skin and clothing. Harmful if swallowed, inhaled or absorbed through the skin. Wash thoroughly with soap and water after handling. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**DIRECTIONS FOR USE**

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

**MIXERS AND HANDLERS: Read Precautionary Statements prior to handling product.**

Add Fungitrol™ 420S Fungicide as directed below to the coating for maximum protection against mold, mildew, and algae. Mix thoroughly, stirring Fungitrol™ 420S Fungicide into the coating for 2 - 3 minutes. Apply the coating to the surface as directed by the coating manufacturer. In all cases, the coating should be mixed prior to applying to the surface. To ensure best results, follow coating manufacturer's instructions for cleaning and preparing the surface. Fungitrol™ 420S Fungicide is for protecting the applied film and paint, not the substrate.

**[Treats 1 gallon]**

For 1.5 oz. pillowpack: Cut off corners as marked and squeeze entire contents into 1 gallon of paint or other coating. Shake or stir thoroughly for 2 - 3 minutes.

**[Treats 5 gallons]**

For 7.5 oz. plastic jar: Pour entire contents into 5 gallons of paint or other coating. Shake or stir thoroughly for 2 - 3 minutes.

**[2 Squirts]**

For 2.48 lbs. or 4.95lbs, plastic containers with pump: Add 1 oz. (2 squirts) per gallon of paint or other coating. Shake or stir thoroughly.

**[For Canister Use]**

For 2.48 lbs. and 4.95 lbs. plastic containers: Pour Fungitrol™ 420S Fungicide into color canister. Dispense as shown in **Table A**. Shake or stir thoroughly.

**Table A  
In-store dispenser calibration chart for Fungitrol™ 420S Fungicide**

Dispenser Calibration	16ths.	32nds.	48ths.	64ths.
For 5 Gallons	5 8/16	5 16/32	5 24/48	5 32/64
For 1 Gallon	1 2/16	1 3/32	1 5/48	1 6/64
For 1 Quart	5/16	9/32	14/48	18/64

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE** - Do not store with strong oxidizing agents or strong (concentrated) acids. Keep container tightly closed when not in use. Do not reuse container.

**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 by use according to label instructions, contact your local State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING** – Non-refillable container. Do not refill or reuse this container. For 1.5 oz. pillowpack: Wrap empty container and paint stirrer in newspaper and dispose of immediately in trash. Never place unused product down any indoor or outdoor drain. For all other containers: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 20 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. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



Alternate small container label for 2.0 oz. container that contains 1.5 oz. or 1.0 oz. of product

# FUNGITROL™ 420S FUNGICIDE

FOR USE IN ALL INTERIOR/EXTERIOR LATEX, WATER BASED, OIL AND SOLVENT BASED PAINTS, STAINS, COATINGS AND ADHESIVES  
INHIBITS MOLD, MILDEW AND ALGAE ON DRY FILM  
OFFERS PROTECTION AGAINST MICROBIAL DEFACEMENT

**ACTIVE INGREDIENT:**

**3-iodo-2-propynyl butyl carbamate..... 20.00%**

**OTHER INGREDIENTS:..... 80.00%**

**TOTAL ..... 100.00%**

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

**IF IN EYES:** 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. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

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**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

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

**CAUTION**

Do not apply this product in a way that will contact any person or pet. Causes skin irritation and moderate eye irritation. Avoid contact with eyes, skin and clothing. Harmful if swallowed, inhaled or absorbed through the skin. Wash thoroughly with soap and water after handling. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**DIRECTIONS FOR USE**

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

**NOTE: Read Precautionary Statements prior to handling product.**

Add Fungitrol™ 420S Fungicide as directed below to the coating for maximum protection against mold, mildew, and algae. Mix thoroughly, stirring Fungitrol™ 420S Fungicide into the coating for 2 - 3 minutes. Apply the coating to the surface as directed by the coating manufacturer. In all cases, the coating should be mixed prior to applying to the surface. To ensure best results, follow coating manufacturer's instructions for cleaning and preparing the surface. Fungitrol™ 420S Fungicide is for protecting the applied film and paint, not the substrate. Pour entire contents of container into 1 gallon of paint or other coating. Shake or stir thoroughly for 2 -3 minutes.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Do not contaminate water when disposing of equipment, washwaters or rinsate.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE** - Do not store with strong oxidizing agents or strong (concentrated) acids. Keep container tightly closed when not in use. Do not reuse container.

**PESTICIDE DISPOSAL** – Wrap empty container and paint stirrer in newspaper and dispose of immediately in trash. Never place unused product down any indoor or outdoor drain.

**CONTAINER HANDLING** – Non-refillable container. Do not reuse or refill this container. Wrap empty container and paint stirrer in newspaper and dispose of immediately in trash. Never place unused product down any indoor or outdoor drain. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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