

5383-146

12/10/2012

1/8

**U.S. ENVIRONMENTAL PROTECTION
AGENCY**

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

5383-146

Date of

Issuance:

DEC 10 2012

Term of Issuance:

Conditional

Name of Pesticide Product:

TROYSHIELD FSP40

NOTICE OF PESTICIDE:

 x Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Troy Chemical Corporation
8 Vreeland Road
Florham Park, N. J. 07932

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/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 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 re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No. 5383-146".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:

DEC 10 2012

Page 2

EPA Registration No. 5383-146

b. Include the following statement to the "Precautionary Statements" section of the label to read:

"Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco"

d. Submit the studies for 830.6317 (Storage Stability) and 830.6320 (Corrosion characteristics) guidelines within one (1) year from the date of the Notice of Registration.

3. The Basic Confidential Statement of Formula (CSF) dated May 15, 2012 is in compliance with PR Notice 92-1, agrees with the label and is acceptable.

4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

5. Refer to the enclosed copies of the Product Chemistry and Acute Toxicity reviews for additional comments

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.

If you have any questions concerning this letter, please call Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosures

TROYSHIELD FSP 40

Active Ingredient:
Sodium pyrrithione (Sodium 2-pyridinethiol-1-oxide).....40%
Inert Ingredients:.....60%
Total:.....100%

EPA Reg No. 5383-XXX
EPA Establishment No.....

KEEP OUT OF REACH OF CHILDREN

WARNING

MANUFACTURED FOR:

TROY CHEMICAL CORPORATION
ONE AVENUE L
NEWARK, N.J. 07105.

NET CONTENTS: _____

CENTER PANEL

ACCEPTED
with COMMENTS
in EPA Letter Dated:
DEC 10 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
5383-146

DEC 10 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5383-144

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. May be fatal if absorbed through skin or inhaled. Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: goggles or face shield, long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves (such as rubber or waterproof gloves).

USER SAFETY REQUIREMENTS

Follow manufacturers 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.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing.

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 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 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 immediately for treatment advice.
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.

DEC 10 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
5383-144

Hot Line Number:

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National 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 the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN

Convulsions, if persistent, may be controlled by careful intravenous use of short-acting barbiturates. Probably 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. Do not apply this product in a way that will contact workers or other persons. Do not use for applications involving direct or indirect food/drinking water contact.

Troyshield FSP 40 can be used for the preservation of *latex emulsions used in adhesives, caulks, patching compounds, sealants, pastes and grouts*. To inhibit bacterial growth in latex emulsions for a period of up to one year, a dosage of up to 1000 ppm of this product (1 lb. of this product per 1000 lbs. of emulsion) is recommended. Product may be added at any time during the formulation procedure by pouring from the container.

To inhibit the growth of bacteria and fungi in dry wall and gypsum, plaster-like, mineral-based or cellulose derived building materials used in the manufacture of Ceilings, Ceiling Tile, Walls and Partitions: Addition of up to 9600 ppm of this product (9.6 lbs. of product per 1000 lbs. of the formulation, i.e. wet slurry) will inhibit the growth of bacteria and fungi. It can be added at any time during the formulation procedure. Alternatively, the product may be added to latex or other types of coating systems routinely applied to the surfaces of walls, ceiling tiles, partitions, etc. at the same dosage as above.

To control growth of fungi in gypsum wallboard add up to 9600 ppm of this product (9.6 lbs. of product per 1000 lbs. of the formulation) will inhibit the growth of fungi. It can be added at any time during the formulation process. For example, to control the growth of fungi in Gypsum and Dry Wall add a minimum of 1000 ppm of this product (1.0 lb. of product per 1000 lbs. of formulation).

For the in-can preservation of water-based chemical or mineral admixtures used in concrete: Add up to 1000 ppm of this product can inhibit microbial growth (bacteria and fungi) in admixtures. Admixtures can be preserved by addition of 1000 ppm of this product (1.0 lb. of this product per 1000 lbs. of admixture).

For the dry film preservation of adhesives, latexes, urethane foams, cellulosics, caulks, patching compounds, sealants, architectural paints, industrial paints and coatings (including wood coatings), pastes and grouts: Add up to 12500 ppm (12.5 lbs. of this product per 1000 lbs. of formulation). This dose can inhibit microbial growth (bacteria

and fungi) in the dry film of these products. This product can be added at any time during the formulation procedure. As an example, sheet vinyl adhesives used in the installation of vinyl flooring can be preserved by the addition of 5200 ppm of this product (5.2 lbs. per 1000 lbs. of adhesive).

For aqueous based inks: To inhibit the growth of bacteria and fungi in inks such as aqueous based inks, printing solutions, pigment slurries or press cake, add up to 1250 ppm of this product. While the inks are use, a concentration of 0.125 % w/w of this product is necessary. The amount of this product to be added at the time of manufacture of the ink to obtain the above concentrations, at the time of use will vary with the shelf life of the ink. Use the table below to determine concentrations to add to the ink:

<u>Shelf-Life (months)</u>	<u>% Troyshield FSP40</u>
36	1.25
24	0.65
18	0.475
12	0.3125
8	0.25

ACCEPTED
with COMMENTS
in EPA Letter Dated:
DEC 10 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5383-144

To inhibit the growth of bacteria in neutral or slightly acidic aqueous based jet-printer inks for periods of up to 4 weeks while the inks are in use, add 0.75% w/w of this product to the ink at the time of manufacture. To avoid decomposition of this product during shelf-life of the ink airtight packaging must be used. In all cases, this product may be added to the ink at any point in the manufacturing process by pouring or dispensing from the container.

For the in-can preservation of laundry rinse additives, laundry detergents, carpet cleaners, surface cleaners floor cleaners: To inhibit the growth of bacteria and fungi in these products for periods of up to one year add 0.16% w/w (1600 ppm or 1.6 lbs. of this product per 1000 lbs. of formulation). This product can be added at any time during the formulation process.

For the control of fungi in carrageenan based gels used in the production of solid air freshners add 0.03-0.1% of this product (0.03-0.1 lb./100 lbs. of formulation). Add this product into the gel formulation prior to cooling.

For leather use treatment rates of 0.02-1.0% based on the weight of the leather stock and prevent bacterial and fungal degradation of hides and skins. Application level is dependent on the type of hide or leather to be protected, the length of protection desired and the presence of other constituents in the processing formula. The optimum addition should be determined by trial for each individual application. For soaking raw hides this product should be added to the water to be used for soaking. For treating hides cured with dry salt, this product should be added to the hides or should mixed with the salt before it is applied to the hides. This product can be used for the protection of wet leather stock such as pickled, chrome, chrome alternative, metal-free and vegetable tanned leathers leathers from mold and mildew during in-tannery wet processing and for

7/8

the protection of wet-blue during the long storage and transportation times. Treatment rates should be calculated based on the wet weight or wet blue weight and compatibility with chrome solutions or other treatment chemicals should be confirmed prior to trial.

To inhibit bacterial and fungal growth in aqueous-based fluids such as metalworking, cutting, cooling and lubricating fluids add an initial dose of up to 1250 ppm of this product (1.25 lbs. of this product per 1000 lbs. of solution) to the solution by pouring or dispensing from the container and subsequent maintenance doses of up to 1250 ppm (1.25 lbs. of the product per 1000 lbs. of solution) every 7-10 days or as needed. This product may be used at fluid to water ratios of 1:10 to 1:100. This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition of this product. Drain the system, clean with a cleaner designated for this purpose, rinse with water and refill with fresh fluid containing this product (up to 1250 ppm). Frequent checks (at least once per week) of the bacterial and fungal population in the system should be made using standard testing procedures. When the bacterial count reaches 10^7 and/or the fungal count reaches 10^3 organisms per ml., add additional product according to the above directions. If this does not reduce the bacterial and/or fungal count below the above value in 12-24 hours the fluid should be discarded and replaced after cleaning the system. Add this product to the fresh fluid according to the above directions. When adding fresh, diluted fluid to compensate for dragout or other losses, add this product to make-up fluid according to the above directions.

For the control of bacteria and fungi in metalworking, cutting, cooling and lubricating fluid concentrates add an amount that will give up to a 1250 ppm solution. The amount required in the concentrate will depend on the end use dilution. For example, if the desired level of this product is 1250 ppm and the end use dilution of the fluid is 5%, then a 2.5% concentration of this product is required in the concentrate ($1250 \text{ ppm} / 0.05 = 25000 \text{ ppm}$ or 2.5%).

For aqueous synthetic fiber lubricants (spin finishes): To inhibit the growth of bacteria and the formation of bacterial slime in synthetic fiber lubricants (spin finishes) for periods of 2-4 weeks during use, add 1250 ppm (1.25 lbs. per 1000 lbs. of lubricant) of this product to the diluted lubricant. This product may be used in lubricant solutions containing 5-10% lubricant concentrate (water to lubricant ratios of 20-1 to 10-1). This product should be added by pouring or dispensing from the container to the diluted lubricant in the dilution tank.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, ponds, 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 with previously notifying the local sewage treatment plant authority. For

ACCEPTED
with COMMENTS
DATE: DEC 10 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5383-146

your State water board or Regional Office of the EPA. This pesticide is a chelating agent and should not be used with other chelating agents or with chlorine.

CHEMICAL HAZARDS

Do not store or mix with strong oxidizing agents.

STORAGE AND DISPOSAL

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

STORAGE: Do not store above 130°F (55°C). Keep container tightly closed when not in use. Do not store with strong oxidizing agents.

CONTAINER DISPOSAL: 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. Fill the container ¼ full with water. Replace and tighten closures. 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 dispose of in a sanitary landfill or incinerate, or if allowed by state and local authorities, by burning. If burned stay out of smoke. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

AK 04042012

ACCEPTED
with COMMENTS
in EPA Letter Dated:
DEC 10 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5383-144