



U. S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 1200 Pennsylvania Avenue NW
 Washington, D.C. 20460

EPA Registration
 Number:
 100-1234

Date of Issuance:
 August 30, 2005

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(Under FIFRA, as amended)

The term of Issuance:
 Conditional

Name of Pesticide Product:
 CYPRO-Shield

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection
 P. O. Box 18300
 Greensboro, NC 27419-8300

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 reregistration 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. 100-1234"
 - b. Add the EPA Establishment Number to the label.

Signature of Approving Official:

Adam Heyward
 Product Manager 34
 Regulatory Management Branch II
 Antimicrobials Division (7510C)

Date:

August 30, 2005

- c. Add the following precautionary statements to the label:

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and glove, goggles or face shield (safety glass). Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

- d. Revise the first aid statements to read as follows:

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 further 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 by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

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, and then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

The Agency has no objections if you desire to keep the "IF INHALED" first aid instructions on the label.

- e. Add storage and disposal instructions to the label. The statement should be formatted similar to the following. Refer to PR Notice 83-3 for appropriate languages.

<p>STORAGE AND DISPOSAL</p> <p>Do not contaminate water, food or feed by storage or disposal.</p> <p>"PESTICIDE STORAGE: (As per PR Notice 83-3, registrants must develop it's own pesticide storage instructions)</p> <p>"PESTICIDE DISPOSAL: Pesticide wastes are.....Regional Office for guidance."</p> <p>"CONTAINER DISPOSAL: Triple rinseand local authorities."</p> <p>"BULK CONTAINERS (TOTE TANKS): Do not rinse.....purchase for full refund."</p>

- f. Add the following environmental hazards statement to the label:

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on the label. 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 permit 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 local State Water Board or Regional Office of the EPA.

- g. Add the heading "NOTICE OF WARRANTY" OR "WARRANTY" above the warranty statement.

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

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.

Sincerely,



Adam Heyward
 Product Manager 34
 Regulatory Branch II
 Antimicrobials Division (7510C)

Enclosure: [stamped labeling]

CYPRO-Shield

Preservative For Industrial And Commercial Use

Wood Preservative ..

For Industrial & Commercial Use Only

Active Ingredient:

Cyproconazole: (CAS No.: 94361-06-5)..... 8.9%

Other Ingredients: 91.1%

Total: 100.0%

CYPRO-Shield is a soluble concentrate formulation which contains 0.83 lb. a.i. cyproconazole per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No.: XX

EPA Est. No.: XX

Net Contents: XX

Product of
Formulated in

SCP

ACCEPTED
with **COMMENTS**
EPA Letter Dated:

AUG 30 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. *100-1234*

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FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 inhaled	<ul style="list-style-type: none">• 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.	
HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and Buyer and User assume the risk of any such use. **SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

IT IS SYNGENTA'S AND SELLERS INTENTION THAT in no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Syngenta and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

DIRECTIONS FOR USE

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

SAPSTAIN AND MOLD CONTROL

CYPRO-Shield is used to control sap stain and mold on freshly cut hardwood and softwood lumber poles, posts, timbers and other manufactured wood products. Examples of other wood products include:

Logs

Fungal staining can be inhibited in freshly debarked logs used for log home construction, export and yarding prior to sawing and other purposes.

Wood Finish

Engineered wood composites such as particle wafer board, oriented strand board and similar products can be protected from fungal discoloration during storage by treatment with CYPRO-Shield.

Wood Chips/Saw Dust

Treatment of wood chips, saw dust or other products intended for papermaking (Not for food grade/food contact or paper board) reduces fungal discoloration and lowers bleaching requirements for intended paper products.

Plywood Veneer

Treatment with CYPRO-Shield is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to stain and mold development that can interfere with appearance or laminating adhesive performance.

CYPRO-Shield is applied to by dipping or spraying the wood until complete wetting is achieved. For bulk dip tanks CYPRO-Shield is diluted by using 0.07 gallons (0.6 gallon CYPRO-Shield in 800 gallons water) to 0.6 gallon CYPRO-Shield in 100 gallons of water. Agitate vigorously until completely dispersed. For conventional spray systems a 0.15 to 1% CYPRO-Shield spray solution is used. For example, in a 100-gallon day tank, 0.15 to 1 gallons of CYPRO-Shield are added to the day tank and then enough water is added to bring the total volume up to 100 gallons of solution. In electrostatic spray applications CYPRO-Shield dilution is not required, treatment strength is varied by number of application nozzles used and line speed. Rates, for all applications used will vary according to temperature, humidity, wood moisture, storage conditions, etc. Contact your local CYPRO-Shield product representative for application advice.

Remove sawdust and other debris for treating solution on a regular basis to maintain correct concentration CYPRO-Shield in the application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber should be treated within 24 hours. Treated lumber should be protected from rain and removed from direct soil/ground contact...

DECAY AND STAIN PROTECTION

Description

CYPRO-Shield is a wood preservative concentrate, which requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

Product Uses

For application to millwork, shingles and shakes, siding plywood and structural timber and composites that are used in above ground applications only. Do not use on wood, which will come in contact with food.

Wood Preparation

Machine, cut, glue and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure treatment should be kiln dried or air seasoned to a moisture content of about 25% or less, that will permit adequate penetration or preservative during treatment.

Treatment

Apply by immersion, roller coater, flood, spray, brush or pressure treatment process (double vacuum, full cell or modified full cell). For non-pressure application methods mix 1.1 to 2.2 gallons of CYPRO-Shield with water to achieve 100 gallons of treating solution at the concentration of 0.25–0.5%, respectively. Wood products to be treated by the bundle-dripping process should be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coated or flood shall be treated for not less than fifteen (15) seconds. Coverage for brush and spray applications is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood. Pressure treatment should be performed according to the method described in the American Wood Preserver's Association (AWPA) standards. A minimum cyproconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Any surface, cut after first treatment should be retreated using 1% a.i. concentration solution.

Finishing

Before glazing, staining, painting, varnishing or application of water repellants treated wood should be completely dry and odor free. For non-pressure applications allow 4-8 hours drying time under average temperature and drying conditions. Treated wood can be heat dried for plant production. Pressure treated wood requires drying time to a moisture content suitable to the type of coating applied.

Clean-Up

Use water to remove wet CYPRO-Shield wood preservative for all surfaces, brushes and rollers.

COOLING TOWER WOOD

Use CYPRO-Shield to protect surface tower wood against internal or dry rot. Apply by spraying or painting a solution containing 0.25% to 0.6% CYPRO-Shield in water onto the clean wood surfaces. The amount applied should provide 0.13 to 0.25 pounds CYPRO-Shield per 1000sq ft of wood surface. Surface rot can also be inhibited by periodic shock dose of CYPRO-Shield to the re-circulating cooling water at the tower basin or cold well. The dosage should provide 0.95 pounds of CYPRO-Shield per 1000 gallons of water and the bleed off should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every 4 hours.

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For non-emergency (e.g. current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Syngenta Crop Protection, Inc.
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www.syngenta-us.com

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