

70227-10

11/13/2012

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**U.S. ENVIRONMENTAL PROTECTION  
AGENCY**

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

**NOTICE OF PESTICIDE:**

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

EPA Reg.

Number:

70227-10

Date of Issuance:

NOV 13 2012

Term of Issuance:

Unconditional

Name of Pesticide Product:

MYCOSTAT P51

Name and Address of Registrant (include ZIP Code):

Diacon Technologies Ltd.  
135-11960 Hammersmith Way  
Richmond BC CANADA V7A 5C9

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 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 (OPP Decision Number: D-468271 is unconditionally 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. 70227-10".

Signature of Approving Official:

Jacqueline Campbell-McFarlane, Product Manager Team (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Date:

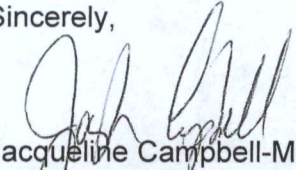
NOV 13 2012



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 label with comments is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6416 during the hours of 8:00 am to 4:00 pm EST.

Sincerely,



Jacqueline Campbell-McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

**MYCOSTAT P51**

Preservative for Industrial and Commercial Use

**ACTIVE INGREDIENT:****Propiconazole**

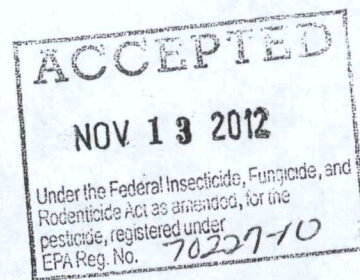
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1 H-1,2,4-triazole.....

**OTHER INGREDIENTS:**.....**TOTAL:**.....

50.0%

50.0%

100.0%



Contains 4.17 lbs active ingredient per gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

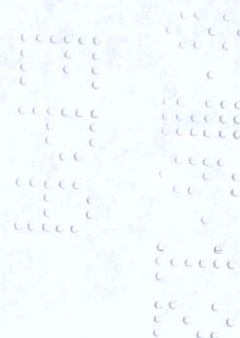
<b>FIRST AID</b>	
IF SWALLOWED	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 IN EYES	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
There is no specific antidote for Mycostat P51. Give a saline laxative and supportive therapy.	
<b>HOT LINE NUMBER</b>	
In case of chemical emergency, call CHEMTREC at 1-800-424-9300. Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.	

EPA Reg. No. 70227-XX

EPA Est. No.

**NET CONTENTS:**

Manufactured for:  
Diacon Technologies Ltd.  
135-11960 Hammersmith Way  
Richmond BC CANADA V7A 5C9





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

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are [barrier laminate gloves.] Follow the instructions for category [ G, ] on the chemical-resistance category selection chart in the EPA Label Review Manual, 3rd Edition (EPA-735-B-03-001, August 2003).

**Applicators, and other handlers must wear:**

- long-sleeved shirt and long pants,
- shoes and socks.
- chemical-resistant gloves
- protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY INSTRUCTIONS**

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users must remove clothing/ PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment wastewater. 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 Environmental Protection Agency.





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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a cool, dry place.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 (equal to or less than 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container 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 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. Then offer for recycling (if available), or dispose of in a sanitary landfill, or by other state and local approved procedures.

**Nonrefillable Container (greater than 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling (if available) or reconditioning, or dispose of in a sanitary landfill, or by other state and local approved procedures.

**REFILLABLE CONTAINER:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Batch (lot) Code: \_\_\_\_\_

**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**

Mycostat P51 is used to control sap stain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other wood products. Examples of wood products include:

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

**Wood Furnish:** Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with Mycostat P51.

**Wood Chips/Saw Dust:** Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.





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**Plywood Veneer:** Treatment with Mycostat P51 is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to sap stain and mold development that can interfere with appearance or laminating adhesive performance.

Mycostat P51 is used to control sap stain and mold in freshly cut hardwood and softwood lumber, logs, poles, posts, and timbers. Mycostat P51 is applied by dipping or spraying the wood until complete surface wetting is achieved.

For *bulk dip tanks*, Mycostat P51 is diluted by using 0.06 gallons (0.5 gallon Mycostat P51 in 800 gallons of water) to 0.5 gallon Mycostat P51 in 100 gallons of water. Agitate vigorously until completely dispersed.

For *conventional spray systems*, a 0.12% to 0.9% Mycostat P51 spray solution is used. For example, in a 100 gallon day tank, 0.12 to 0.9 gallons of Mycostat P51 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*, Mycostat P51 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.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of Mycostat P51 in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber must be treated within 24 hours. Treated lumber must be protected from rain and removed from direct soil/ground contact.

## DECAY AND STAIN PROTECTION

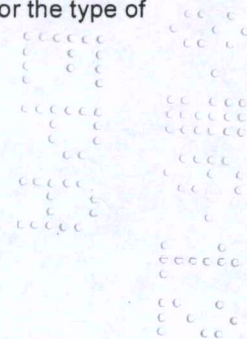
**DESCRIPTION:** Mycostat P51 is a wood preservative concentrate that requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

**Product Uses:** For application to millwork, shingles, shakes, siding, plywood, and structural lumber & 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 must be kiln dried or air seasoned to moisture content of about 25% or less, that will permit adequate penetration of preservative during treatment.

**Treatment:** Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell). For non-pressure application methods, mix 1-2 gallons of Mycostat P51 with water to achieve 100 gallons of treating solution at the concentration of 0.5% -1% a.i., respectively. Wood products to be treated by the bundle-dipping process must be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coated or flood must be treated for at least fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood. Pressure treatment must be performed according to the methods described in the American Wood Preservers Association (AWPA) Standards. A minimum propiconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pan until drippage has stopped. Any surface, cut after first treatment must be retreated using 1% a.i. concentration solution.

**Finishing:** Before glazing, staining, painting, varnishing, or application of water repellents, treated wood must be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant protection. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.





**Clean-up:** Use water to remove wet Mycostat P51 wood preservative from all surfaces, brushes and rollers.

### **COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS**

This product may not be used in food grade coatings, adhesives, paper and paperboard, which will come into contact with food.

Sufficient mixing to ensure adequate dispersion of the biocide is required. Mycostat P51 must be used at levels between 0.1 and 2.4% based on the total weight of the formulation to inhibit fungal disfigurement and deterioration. For solvent-based formulations, Mycostat P51 can be dissolved in aromatic solvents or combination of aromatic and aliphatic solvents and added in the letdown or added directly to the finished product. For water-thinned latex emulsion formulation, Mycostat P51 can be premixed with the wetting agent and added to the pigment slurry or simply added to the let down or finished product.

### **METALWORKING FLUIDS**

Use Mycostat P51 to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Prior to using metalworking fluids, add Mycostat P51 to the fluid concentrate or to the diluted metalworking fluid in an amount which will provide 50 to 700 ppm active ingredient in the diluted fluid.

### **TEXTILES, FABRICS, CANVAS AND CORDAGE:**

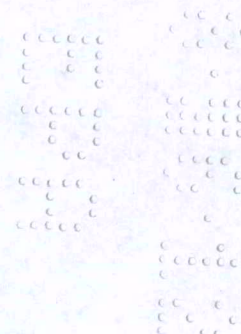
For the control of odor and stain causing microorganisms in textiles, fabrics and fibers of the following products: APPAREL: aprons, bibs, dresses, footwear (including socks and innersoles), gloves (non-medical), gowns (medical & consumer), hosiery, intimate apparel, linings, shirts, sports apparel, uniforms (service, medical, dental, sports). FURNISHINGS: blankets, cloths, curtains, draperies, furniture coverings, linens (towels, sheets, pillowcases), mattress & pillow ticking, mattress pads, napkins, shower curtains. BUILDING MATERIALS: awnings, boat covers, carpet (fibers and backing), cordage, tents, tarpaulins, wall coverings, yarn.

Addition of up to 2000 ppm of this active ingredient (0.4% of product), based on weight of goods, can inhibit the growth of mold and mildew that cause stains, odors and product degradation in textiles, fabrics and fibers composed of acetate, acrylic, acrylonitrile butadiene styrene, natural fibers (cotton, paper, wool, etc.), nitrile copolymers, nylon, polyester, polyethylene, polypropylene, rayon, rubber (natural & synthetic), coatings/finishes composed of silicone, urethane or vinyl applied to such materials. The material must be added at an appropriate manufacturing step to ensure adequate mixing and complete, uniform coverage of the treated material. Product can be applied by dye incorporation, pad, exhaust, or spray application.

### **NOTICE OF WARRANTY AND DISCLAIMER**

Diacon Technologies Ltd. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. 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 weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Diacon Technologies Ltd. In no case shall Diacon Technologies Ltd. be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DIACON TECHNOLOGIES LTD. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Manufactured for:  
Diacon Technologies Ltd.





Mycostat P51 Label

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135-11960 Hammersmith Way  
Richmond BC CANADA V7A 5C9

[EPA approval date]

