



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

70227-2

SEP 20 1999

Term of Issuance:

Conditional

Name of Pesticide Product:

Mycostat-PQ

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

DIACON Technologies, Ltd.
#100 - 14351 Burrows St
Richmond, BC V6V 1K9

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/ reregistration 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 following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 70227-2 ".
 - b. According to the label, there are a number of factors that impact the rate of application; therefore, the Agency recommends the following guidance to illustrate when an applicator should use the lower rate vs. the higher rate:

Hard woods such as _____ would require an application rate of _____ when stored and shipped as follows: _____.

Soft woods such as _____ would require an application rate of _____ when stored and shipped as follows: _____.

Signature of Approving Official:

Velma Noble
Velma Noble
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510C)

Date:


SEP 20 1999

- c. Under the "Precautionary Statements", the font size for "DANGER and KEEP OUT OF REACH OF CHILDREN" should be reduced to allow the other section headings, "Directions for Use, Environmental hazards, Storage/Disposal, and Chemical/Physical Hazards" to be the same size as the "Precautionary Statements and Statements of Practical Treatment" headings.

- 3. Submit two copies of the revised final printed label for the record.

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 o the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

<p>Signature of Approving Official:  Velma Noble Product Manager 31 Regulatory Management Branch I Antimicrobials Division (7510C)</p>	<p>Date: SEP 20 1999</p>
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PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN.

CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Wear protective clothing, rubber gloves, and goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product can be used in combination with other EPA registered organic and inorganic wood preservatives, or it may be used alone.

MYCOSTAT-QM

For the control of mold and fungus on green or freshly cut lumber. May be used in a dip or spray application. Dilute this product in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound solution. Seasonal variation in storage and shipping conditions, species and condition of wood should be considered in selection of end use concentrations. For effective inhibition of mold and fungus, lumber and logs must be dipped or sprayed in a manner that ensures that all surfaces are uniformly treated.

For best results, green wood should be treated immediately, at least within 24 hours after cutting or sawing. Mold and fungus growth begins immediately after cutting so delayed treatment is much less effective and requires increased chemical concentration. Green, untreated lumber should not be used for stickers.

Freshly treated lumber should not be allowed to remain unprotected in heavy rains. Dip tanks and dip aprons must be roofed, paved and drain to prevent dilution and loss of the anti-stain solution.

TANK MIXING WITH BORATES

Mix this product with TDM-BOR (EPA Reg. No. 1624-39) in water and stir to give a solution of the desired concentration of components.

TANK MIXING WITH COPPER COMPOUNDS

Mix this product with water and either ACQ-C2 EPA Reg. No. 10465-36 or ACQ-C EPA Reg. No. 10465-33. Refer to the product labels for ACQ-C and ACQ-C2 for precise mixing instructions.

TANK MIXING WITH PROPICONAZOLE

Mix this product with MYCOSTAT-P (EPA Reg. No. 71406-1-70227) and dilute with water to produce a 0.5% to 3.0% quaternary ammonium compound solution. Follow the instructions on the MYCOSTAT-P label for the appropriate concentration of propiconazole. PLEASE NOTE THIS FORMULATION IS NOT APPROPRIATE FOR PRESSURE SYSTEMS.

DIP TREATMENT

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure the stack is completely immersed. Dip time should range from 30 seconds (individual pieces) up to 30 minutes (bundled wooden articles). Use a concentration of 0.5 to 3.0% active quaternary ammonium compound. The concentration should be customized to achieve the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood.

PRESSURE TREATMENT

Place the article to be treated into the pressure cylinder and seal unit. Treat the wooden articles using the pressure treatment procedure consistent with the equipment being used and standard treatment practices. Treatment conditions should be such as to produce a 0.1 to 0.6 lb./cu. Foot retention in the treatment article. Such treated wood is to be used for above ground uses only.

SPRAY-BOX APPLICATION

For spray-box application prepare the treating solution by adding 1 gallon MYCOSTAT-QM to 5 - 30 gallons of water. The concentration should be customized to achieve the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. Mix thoroughly to ensure uniform composition. Application rates will vary according to wood species and moisture content, temperature, humidity, storage conditions and inoculum pressure. Ensure that the treatment conditions are such that the wood articles are uniformly covered with the treating solution. Monitor spray booth mixtures to ensure proper concentrations are being maintained. Contact your MYCOSTAT-QM representative for application and monitoring advice.

MYCOSTAT-QM

A Wood Treatment Preservative

Treatment can be done by pressure, double vacuum, dip or spray-box method. Wood articles that will be protected by these treatments include millwork, construction timbers, decking, and posts.

ACTIVE INGREDIENT

Didecyl dimethyl ammonium chloride.....50.00%

OTHER

INGREDIENTS.....50.00%

TOTAL.....100.00%

Contains 7.4 lbs. of product per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional
precautionary statements

STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with plenty of soap and water. Get medical attention.

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If a person is unconscious, do not give anything by mouth and do not induce vomiting.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Made In USA

DIACON TECHNOLOGIES LTD.

11420 Blacksmith Place

Richmond, BC V7A 4X1

(604) 271-8855

Toll Free:

1-888-290-2299

E.P.A. Reg. No. 70227-

E.P.A. Est. No. 70227-CAN-001

**DIRECTIONS FOR USE CONTINUED
DOUBLE VACUUM**

Stack the wooden articles to be treated in the treatment vessel so that the preservative solution will have access to all sides of the articles. Seal the vessel. Reduce the pressure within the vessel to -10 in. for 5 minutes. Cover the articles with preservative solution. Allow the pressure to return to atmospheric conditions and discharge the preservative solution. Reduce the pressure to -20 in. and maintain for 20 minutes. Allow the pressure to return to atmospheric and remove treated wood articles. Treatment conditions should be used as to produce 0.1 to 0.6 lb./cu ft retention of DDAC in the treated article. Wood treated to this retention for above ground use only.

PERSONAL PROTECTION EQUIPMENT FOR PRESSURE TREATMENT, DOUBLE VACUUM, DIP AND SPRAY TREATMENT

Applicators must wear gloves which are chemical-resistant (such as butyl or nitrile) in all situations where dermal contact is expected (i.e. handling freshly treated wood and manually opening cylinder doors). Individuals who enter pressure treatment cylinders and other related equipment that are contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of all treatment solution) must wear coveralls over a long sleeved shirt and long pants, socks, chemical-resistant footwear and protective eyewear. Federal, State and local confined space entry procedures need to be followed.

Applicators must not eat, drink or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation (e.g. manually opening/closing cylinder doors, moving frames out of cylinders, mixing chemicals, handling freshly treated wood). Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restroom. Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and work shoes or boots and equipment at the plant. Worn out protective clothing and work shoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with State and Federal regulations.

STORAGE AND DISPOSAL

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

1) STORAGE INSTRUCTIONS

Open dumping is prohibited. Store in original containers and place in locked storage area. Keep from freezing.

2) SPILL OR LEAK PROCEDURES

Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

3) 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.

4) CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse (or equivalent). 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.

NOTICE OF WARRANTY:

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 risk 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 EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

NET CONTENTS

BATCH NO.

Issue Date: June 25, 1999

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 20 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 70227-2

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