

2023-0389  
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# MYCOSTAT<sup>®</sup>-QM

ANTI-SAPSTAIN WOOD PRESERVATIVE

READ THE LABEL BEFORE USING

COMMERCIAL  
SOLUTION

**DANGER**



**POISON**



**CORROSIVE TO EYES AND SKIN**

**KEEP OUT OF REACH OF CHILDREN**

ACTIVE INGREDIENT: Didecyl dimethyl ammonium chloride ..... 50%

REGISTRATION NO. 25744

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 20 L, 205 L, 1150 L

**DIACON TECHNOLOGIES LTD.**  
P.O. Box 60086  
Oakville, Ontario, Canada L6L 6R4  
Tel: (905) 826-9648

In case of chemical emergency call CHEMTREC at 1-800-424-9300 (Contract Number 864796).

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**POST A COPY OF THIS LABEL IN THE WORK AREA**

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

**CONCENTRATE IS FATAL IF SWALLOWED AND MAY BE FATAL IF INHALED. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SEVERE SKIN BURNS.**

Do not get in eyes, on skin, or on clothing. Do not breathe spray mists. Wear chemical resistant coveralls over long-sleeved shirt and long pants, chemical resistant gloves, goggles or face shield, socks and chemical resistant footwear when handling the concentrate or during mixing/loading, clean-up, maintenance and repair activities. Use a NIOSH-respirator if the area is not well ventilated or if airborne exposure levels are above the occupational exposure limit(s), as determined by air sampling. Use a NIOSH-respirator during clean-up, maintenance and repair activities when working in/on application equipment or if airborne material (e.g. dust, mist/spray) may be generated when working in the treatment area. When piling freshly treated lumber, handling treated lumber that has not fully dried, or if there is a potential for getting wet by the treating solution during other activities in the sawmill, wear chemical-resistant coveralls or a chemical-resistant apron over long sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear. When working in the dip or spray area, wear long-sleeved shirt, long pants, chemical resistant gloves, socks and boots. Wear goggles or face shield if there is a possibility of splashing. Once dry, the treated wood can be handled with cotton or leather gloves. Remove any build up of chemical residues from the exterior of equipment at the work area and wear appropriate clothing during cleanup. Wash hands and face before eating, drinking, smoking or using the toilet. Change clothing daily. Wash contaminated clothing separately from household laundry. Not for use or storage in or around the home. Clean contaminated equipment thoroughly prior to making welding repairs.

## **DIRECTIONS FOR USE**

### **Use Limitations:**

1. Treated wood is not to be used for construction of food handling containers, food storage facilities or food growing buildings (e.g. mushroom houses).
2. Not for use in drive-through dip tanks.
3. This product can be used alone or tank mixed with Polyphase AF-1.
4. When Mycostat® QM is used alone, it can only be applied by spraybox application technology (i.e. linear, transverse or carwash sprayboxes).
5. When Mycostat® QM is tank mixed with Polyphase AF-1, it can only be applied by spraybox application technology (i.e. linear, transverse or carwash sprayboxes) or diptank application technology.
6. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
7. **DO NOT** expose treated lumber to rains immediately after treatment.
8. This product is TOXIC to aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, stream, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

## **DILUTE BEFORE USING**

For best results lumber should be treated immediately after it is sawn. A delay in treatment of 24 hours or more permits the start of stain, mould and decay growth which subsequently requires a stronger treatment to achieve control of surface growth. Delayed application and log borne infection can result in internal stain often under a bright surface. Freshly dipped or sprayed lumber should be protected from rain washing. Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of the treatment solution. Anti-stain treatment

concentrations must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of the ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment must be properly maintained. Spray boxes must be equipped with mechanical means of preventing the escape of droplets or entrained aerosols. Store treated lumber on a roofed drip pad until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other related wastes to prevent release in the environment. For further information on storage, handling, and disposal of treated wood, contact the manufacturer of this product or the provincial regulatory agency.

## **MIXING INSTRUCTIONS**

Mix one litre of this concentrate per 20 to 30 litres of water to protect freshly sawn lumber against sapstaining organisms during protracted periods of storage and transit. Dilution rates will be influenced by seasonal conditions, exposure during storage and transit, treating methods and wood species. The operational target deposition level of Mycostat® QM on the surface of treated lumber is 100 to 140 micrograms/cm<sup>2</sup> of active ingredient. This should be verified periodically using available analytical quality control techniques.

Lumber and logs should be totally sprayed so as to ensure that all surfaces are treated. Put about 1/3 of the water to be used in the mixing tank. Add the correct amount of this product and then rinse the container into the tank. Add the balance of water needed and mix thoroughly. On standing unused for a period, re-mix thoroughly before use. When using proportioning pumps for mixing, this product should be maintained at temperatures above 10 degrees C to prevent inaccurate mixing due to viscosity changes. Minor proportioning rate changes can be affected by changing the setting of the pump dial.

## **TANKMIXING INSTRUCTIONS**

### **Tank mixing with Polyphase AF-1**

**Concentrate Preparation:** For each 100 litres of concentrate required, pour 11 litres of Polyphase AF-1 into the concentrate tank and add 89 litres of Mycostat® QM.

**Ready-to-use Solution Preparation:** Dilute the prepared tankmix concentrate by adding 1 litre of the concentrate per 50 to 100 litres of water for diptank use. For high-pressure sprayboxes, add 1 litre of prepared tankmix concentrate to at least 20 litres of water. The operational target deposition level of Mycostat QM and Polyphase AF-1 on the surface of treated lumber is 60 to 115 micrograms/cm<sup>2</sup> of total active ingredients. This should be verified periodically using available analytical quality control techniques.

NOTE: With normal dip or spray application long term control of decay cannot be achieved. This product is designed to provide blue stain, mould and decay control during storage and in transit.

## **FIRST AID**

**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 centre 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 centre or doctor for treatment advice.

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

**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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS**

This product is TOXIC to fish, other aquatic organisms, wildlife and domestic animals. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using the product. Do not contaminate water by cleaning of equipment or disposal of waste. Treated sawdust, shavings and residues of the treatment process should be disposed of properly and should not come in contact with a domestic animal or be used in bedding or litter. DO NOT float treated lumber in lakes, rivers, streams, or oceans.

## **STORAGE**

To prevent contamination store this product away from food or feed.

## **DISPOSAL**

### **For recyclable containers:**

**DO NOT** reuse this container for any other purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site, or dispose of the rinsings in accordance with provincial requirements.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty, rinsed container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer or the provincial regulatory agency.

### **For returnable containers:**

**DO NOT** reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

### **For containers that can be refilled for the user by the distributor/dealer:**

This container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.