

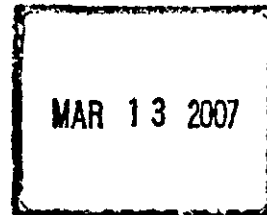
10324-92

3-13-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Elizabeth Tannehill
Mason Chemical Company
721 W. Algonquin Road
Arlington Heights, IL 60005



Subject: Maquat SSC
EPA Registration No.: 10324-92
Amendment Date: September 5, 2006
EPA Receipt Date: September 13, 2006

Dear Ms. Tannehill,

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the conditions listed below:

- Addition of directions for use

Conditions

Revise the label as follows:

1) As per the RED issued 8/3/06 for Didecyl Dimethyl Ammonium Chloride (DDAC), add the following text to the Environmental Hazards Section of the label for the Sapstain use:

“Treated lumber must be stored under cover, or indoors, or at least 100 from any pond, lake, stream, wetland, or river to prevent possible runoff of the product into the water way. Treated lumber stored outdoors within 100 feet of a pond, lake, stream or river must be either covered with plastic or surrounded by berm to prevent surface water runoff into the nearby waterway. If a berm is used around the site, it must consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.”

2) According to your application for pesticide, your intent is to “me-too” Reg. No. 73873-2. This product has been cancelled. A similar product has recently been registered: Reg. No. 73873-3. Thus your label has been compared to 73873-3.

Make the following revisions to bring your label into agreement with 73873-3:

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a) Revise the second section in the right column on page 1 to read:

"A concentrate for use as a preventative treatment for Algae, Moss, Mildew and Mold on Concrete, Asphalt, Stucco, Wood Shingles and Siding, Floors, Walls, Tile & Other Inanimate Environmental Surfaces."

Your label is not for control of mold as this would infer that mold has been growing on the surfaces. Products for use in areas where mold growth has been found would include directions for remediation of contaminated surfaces/areas.

b) Due to the concerns previously indicated for Reg. No. 10324-80 regarding the use of products such as this by individuals not wearing protective gloves, add the following language to the first page of your label:

"For Professional Use Only: Commercial Pest Management Companies, Mold Remediation Workers, Mold Remediation Contractors, Certified Mold Remediators (CMR), Applied Microbial Remediation Technicians (AMRT), Certified Biocide Applicators (CBE), Certified Antimicrobial Applicators (CAA) and Professional Mold Remediation Specialists."

"This product is not to be used for the remediation of existing mold, mildew or algae."

"Not for application by homeowners."

Add the following information just prior to the Sapstain directions on page 2:

"For use by: Timber mills, saw mills, manufacturers of dimensional lumber, manufacturers of wood products (such as plywood, particle board, OSB panels), manufacturers of wood structural components (such as trusses, prefab panels, composites beams and arches), manufacturers of wood composite products (composite decking and siding.)"

3) Make the following revisions to page 2 such that these sections include mandatory language (PR Notice 2000-5) as follows:

"Freshly treated lumber must not be allowed to remain..."

"...Dip times must range from 30 seconds..."

"...The concentration must be customized to the degree of sap stain protection desired, which must be determined by an independent test on the intended..."

"Lumber and logs must be totally immersed or sprayed..."

"Freshly dipped or sprayed lumber must be protected..."

Also correct page 3: "Carpets must be vacuumed thoroughly..."

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4) Revise the heading on page 2 by changing "General Purpose Fungistatic Agent" to read "Preventative Treatment". Revise the section which immediately follows this to begin: "This product is an anti-microbial concentrate which must be diluted before application for the prevention of algae..." as per Reg. No. 73873-3.

5) Revise the "General Use Precautions" section on page 2 to end as follows: "...Keep children, pets, patients, residents and any bystander out of the room or area during application and until spray has dried." deleting the additional language from this section as per Reg. No. 73873-3.

6) Revise the "Exterior Uses" section on page 2 to read: "For prevention of algae, moss and mildew on Roofs, (shakes.....)" then add the following to the end of this section: "Not intended for use on surfaces covered with oil based paint." as per Reg. No. 73873-3.

7) Revise your application rate for use on Exterior Surfaces to be in agreement with Reg. No. 73873-3. Change the mixing directions at the bottom of page 2 to indicate: "Mix 1.3 ounces of this product into 1 gallon of water..." This application rate is equal to 5078 ppm.

8) Delete the following language on page 3 which is not in agreement with Reg. No. 73873-3: "Do not atomize this product without adhering to the stated precautionary guidelines on this label...and area preparation." Delete both instances of this language on page 3.

9) Revise the "Interior Uses" section on page 3 to read: "For prevention of mildew and mold on surfaces and other inanimate..." as per Reg. No. 73873-3.

10) Revise the Preparation section on page 3 to include mandatory language (PR Notice 2000-5) as follows: "All surfaces to be treated with this product must be cleaned..."

11) Revise your application rate for use on Interior Surfaces to be in agreement with Reg. No. 73873-3. Change the mixing directions on page 3 to indicate: "Mix 1.3 ounces of this product into 1 gallon of water..." This application rate is equal to 5078 ppm. This is the acceptable rate for the interior uses as well as wood and drywall. Also add this rate information to the wood and drywall section. This rate is not acceptable for the carpet treatment.

12) Revise the Application section on page 3 to include the following as per Reg. No. 73873-3:

"Note: Do not allow children, pets or unprotected persons in treatment area during application and until spray has dried. Do not use on food preparation surfaces or where food may be present. Not for use on oil based paints."

13) Due to the exposure concerns identified in the DDAC RED issued 8/3/06, including your label language that indicates that this product is for use in homes, the application rate on carpets is limited to 1050 ppm. Revise the carpet section on page 3 to indicate that this product may be used at 1.3 ounces per 5 gallons of water.

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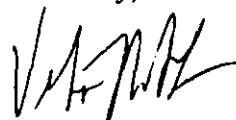
General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3 (c) (5) and section 4 (a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Stamped Label
7510P:T.Lantz:3/12/07:10324-92c

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MASON CHEMICAL COMPANY

"The Quaternary Specialists"

721 W. Algonquin Road | Arlington Heights, IL 60005 | 847-290-1621 or 800-352-1855

E.P.A. Reg. No. 10324-92

E.P.A. Est. No. 10324-IL-1

MAQUAT[®] SSC

Net Contents:

Batch No:

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER, Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through the skin. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a dust mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

(If container is 5 gallons or larger the following statement must appear on the label)

ENVIRONMENTAL HAZARD

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 mix with oxidizers, anionic soaps and detergents
Do not use or store near heat or open flame

(If the container is greater than one gallon use the following storage and disposal statements)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

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.

SPILL OR LEAK PROCEDURES: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

CONTAINER DISPOSAL (Larger than 1 gal.) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(If container is one gallon or less use the following storage and disposal statements)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

**SAPSTAIN CONTROL
FOR FRESH CUT LUMBER**

Controls the growth of mold and fungus that may cause discoloration and/or deterioration of freshly cut lumber during storage and shipment.

A Concentrate for Control of Algae, Moss, Mildew and Mold on Concrete, Asphalt, Stucco, Wood Shingles and Siding, Floors, Walls, Tile & Other Inanimate Environmental Surfaces

ACTIVE INGREDIENTS:

Didecyl Dimethyl Ammonium Chloride..... 50.0%

INERT INGREDIENTS:..... 50.0%

TOTAL..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See left panel for additional precautionary statements.

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment

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 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 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 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.

NOTE TO PHYSICIANS: Possible mucosal damage may contraindicate the use of gastric lavage.

MAR 13 2007

Under the Federal Insecticide, Fungicide, and Rodenticide Act

registered for the pesticide
classified under EPA Reg. No.

10324-92

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DIRECTIONS FOR USE

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

For the control of mold and fungus on green or freshly cut lumber. May be used in a dip or spray application. Before use, dilute at the rate of 25 to 100 gallons of water per gallon of this product. 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 insures 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 drip aprons must be roofed, paved and drained to prevent dilution and loss of the anti-stain solution.

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 times 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 the degree of sap stain protection desired, which should be determined by an independent test on the intended species of wood.

PERSONAL PROTECTION EQUIPMENT FOR DIP OR SPRAY TREATMENT

Applicators must wear gloves, which are chemical-resistant (such as nitrile or butyl) in all situations where dermal contact is expected (i.e. handling freshly treated wood). Individuals who enter equipment that is contaminated with the wood 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 taken.

Applicators must not eat, drink or use tobacco products during those parts of the applications process that may expose them to the wood treatment formulation (e.g. mixing chemicals, handling freshly treated wood).

Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restrooms.

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.

OR

SAPTAIN FUNGICIDE

This product is a concentrate which must be diluted before application. Mix one gallon of this product with 25 to 100 gallons of water to protect lumber against sap staining organisms. Dilution ratios will be influenced by treating methods and wood species. The target deposition level of the active ingredient – didecyl dimethyl ammonium chloride – on the surface of the treated lumber is 100 to 140 micrograms/sq. cm. (650 to 850

micrograms/sq. inch). Do not use this product in conjunction with any anionic wetting agents or soaps.

Lumber and logs should be totally immersed or sprayed to ensure that all surfaces are treated. Put 1/3 of the required water in the mixing tank. Add the correct amount of this product and then rinse the container into the tank, add the the balance of the required water and mix thoroughly. In a dipping process, the agitation resulting from the movement of the wood will be sufficient to ensure a good mix. Re-mix thoroughly any product standing unused for a period of time. When using proportioning pumps for mixing, the product should be maintained at 10° C to prevent inaccurate mixing due to viscosity changes. The proportioning rate changes can be affected by changing the setting of the pump.

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 anti-stain solution. Anti-stain treatment concentrate must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in exposure and species being treated.

Dip-tanks and spray equipment must be properly maintained. Spray-boxes must be equipped with the mechanical means of preventing the escape of droplets or entrained aerosols.

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 the stain, mold, and decay growth, which subsequently requires a longer treatment to achieve control of surface growth. Delayed application and log-borne infection can result in internal stain often under a bright surface.

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

GENERAL PURPOSE FUNGISTATIC AGENT

This product is an anti-microbial concentrate which must be diluted before application for the control of algae, moss, mildew and mold. For use in homes, vehicles, institutions such as schools, public buildings, hospitals, nursing homes, correctional facilities; an commercial building such as transportation terminals, warehouse, office buildings, manufacturing facilities, lodging establishments, retail businesses and athletic/recreational facilities.

General Use Precautions: NOT for use in areas where food/feed items are present or may be present. Keep children, pets, patients, residents and any bystander out of the room or area during application. Keep children and pets off treated areas until spray has dried.

EXTERIOR USES

Controls algae, moss and mildew on Roofs (shakes, shingles, composite clay and concrete tile), siding (painted surfacesm wood, stucco, vinyl, brick and aluminum), floors (concrete, brick, wood, pavers, and pool decks), awnings, tents, patio furniture, and outdoor carpets.

Application Instructions

Preparation: All surfaces to be treated with this product should be cleaned, rinsed (to remove all residual chlorine or soap) and dry before application.

Mixing: This product must be diluted before application. Mix 2.15 of this product into 1 gallon of water (or equivalent use dilution). After dilution: 1) Do not mix with other

chemicals; 2) Do not atomize this product without adhering to the stated precautionary guidelines on this label (protective clothing, eyewear, gloves, respirator and area preparation). Prepare no more mixture than is necessary for the immediate use.

Application: Use the product dilution to thoroughly wet the surface using a paint brush, roller, sponge or other similar application device. For large surface areas where these methods are ineffective, apply with a low pressure sprayer. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the target area to ensure complete coverage. Apply 1 gallon of solution per 200-400 square feet of surface. Wear protective gloves, clothes and eye-wear at all times.

INTERIOR USES

Controls mildew and mold on surfaces such as floors, carpets, walls, ceilings, counters, work surfaces and other inanimate environmental surfaces in bathrooms, laundry rooms, shower areas, basements, foundations and other similar areas where moisture may persist. Use this product as a substitute for water to mix with tile grout for protection against mildew and mold in bathrooms, showers and bathtubs.

Application Instructions

Preparation: All surfaces to be treated with this product should be cleaned, rinse (to remove all residual chlorine or soap) and dry before application.

Mixing: This product must be diluted before application. Mix 2.15 of this product into 1 gallon of water (or equivalent use dilution). After dilution: 1) Do not mix with other chemicals; 2) Do not atomize this product without adhering to the stated precautionary guidelines on this label (protective clothing, eyewear, gloves, respirator and area preparation). Prepare no more mixture than is necessary for the immediate use.

Application: Use the product dilution to thoroughly wet the surface using a paint brush, roller, sponge or other similar application device. Wear protective gloves, clothes and eye-wear at all times. For large surface areas where these methods are ineffective, apply with a low pressure sprayer. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the target area to ensure complete coverage. Apply 1 gallon of solution per 200-400 square feet of surface.

During application, do not allow excessive soaking, saturation, dripping or runoff to occur (see specific directions for use on carpet, and interior wood and drywall surfaces). If drips occur, dry with a disposable cloth, sponge or mop.

If using a large volume of water in an enclosed space, the area should be dried as soon as possible to prevent conditions favorable to the growth of mold. To aid the drying process, the use of fans, dehumidifiers, heaters, or other methods of ventilation should be used. You may consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

Carpet

Spot test an inconspicuous area of carpet with the prepared solution to insure dyes will not bleed or that staining will not occur.

Carpets should be vacuumed thoroughly and vacuum cleaner bag discarded in an outdoor trash container before spray treatment.

- **Broadcast Treatment:** Use commercial carpet-cleaning equipment (e.g., carpet steamers, rotary jet extraction cleaners, pressure sprayers): Prepare mixture in tank as directed above. Evenly apply the prepared solution over the carpet using 1 gallon of solution per 200-300 square feet. Apply sufficient amount to dampen carpet. Do not soak, or allow dripping or run-off to occur. Any drips or run-off should be blotted dry with a disposable cloth or sponge. Allow carpet to dry before re-entry.

- **Spot Treatment:** Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface using smooth back and forth motions to cover the entire target area to ensure complete coverage. Dampen, but do not soak the surface. Any drips or run-off should be blotted dry with a disposable cloth or sponge.

Dry carpets within 24 hours to prevent conditions favorable to mold growth. The use of fans, dehumidifiers, heaters, or other methods of ventilation should be used. Please consult your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

Wood and Drywall

Apply to exposed and/or structural wood surfaces and drywall to prevent and control mold and mildew. Examples include exposed joists or subflooring in basements, crawlspaces, attics and garages, as well as exposed drywall or particleboard. Clean all heavily soiled areas before application.

Use a pump sprayer with wand. Hold the end of the wand 4-6 inches away from the surface using smooth back and forth motions to cover the entire target area to ensure complete coverage. Evenly apply the prepared solution using 1 gallon of solution per 200-400 square feet. Dampen, but do not soak the surface. If soaking or drips occur, blot dry with a disposable cloth or sponge. Allow areas to dry before re-entry.

Dry wood and drywall within 24 hours to prevent conditions favorable to mold growth. The use of fans, dehumidifiers, heaters, or other methods of ventilation should be used. Please consult your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

Warranty Statement

Seller makes no warranty, expressed or implied, concerning the use of this product, other than indicated on the label. Buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to directions.