

JUL 25 2012

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

Subject Maquat® SSC, EPA Registration No 10324-92
Maquat®4450-CTM, EPA Registration No 10324-210
Application Dated April 24, 2012
EPA Receipt Date May 2, 2012

Dear Ms Tannehill,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), section 3 (C) (7) (A) as amended, is acceptable with comments listed below

- Response to EPA letter dated 4/11/12

Conditions

Revise the "For Use on Refillable Containers with Commercial/Industrial Uses" as follows

- Add the following statement to the section beginning "Cleaning the container before final disposal " and ending " is the responsibility of the refiller " Add "*When empty return to point of sale for refilling* "
- Add the following statements to both the Container Handling/Residue Removal Instructions for all refillable containers except fixed tank containers as well as fixed tanks Revise to begin "*Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose To clean the container* "
- Add the following statement to both the Container Handling/Residue Removal Instructions for all refillable containers except fixed tank containers as well as fixed tanks Revise to end as follows "*Puncture or dispose of in a sanitary landfill or by other procedures approved by State and local authorities* "

SYMBOL								
SURNAME								
DATE								

- Add the following statements to the Container Handling/Residue Removal Instructions for fixed tanks Revise to include " application equipment or a mix tank *and continue to drain for 10 seconds after the flow begins to drip Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds Drain for 10 seconds after the flow begins to drip Drain rinsate into application* "

General Comments

A stamped copy of the accepted labeling with conditions is enclosed Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling Should you have any questions concerning this letter, please contact Emilia Oiguenblık at (703) 347-0199 or Velma Noble at (703) 308-6233

Sincerely,



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



MASON CHEMICAL COMPANY
"The Quaternary Specialists"

721 W Algonquin Road | Arlington Heights IL 60005 | 847 290 1621 or 800 362 1855

EPA Reg No 10324 92
EPA 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 the 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

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

Treated Lumber must be stored under cover or indoors or at least 100 feet from any pond lake stream wetland or river to prevent possible runoff of the product into the waterway 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

PHYSICAL OR CHEMICAL HAZARDS

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

(Note to Reviewer This information has been verified per DOT regulations It is NOT required to be on the label but is being requested by a customer)

Transportation Information

DOT Hazard Class 8 Corrosive
DOT Proper Shipping Name Disinfectant Liquid Corrosive (Quaternary Ammonium Compound) 8 UN1903 PGI

**PELIGRO SI NO PUEDE LEER EN INGLES PREGUNTE A SU SUPERVISOR
SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON
ESTE PRODUCTO**

**DANGER IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO
EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH
THIS PRODUCT**

(Manufacturing and/or Lot no Date)

**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 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

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

(Product of USA) (Made in the USA)

ACTIVE INGREDIENTS

Didecyl Dimethyl Ammonium Chloride 50.0%

INERT INGREDIENTS

TOTAL 100.0%

ACCEPTED
with COMMENTS
in EPA Form 820 dated
JUL 25 2012

Under Federal Insecticide Act and Rodenticide Act
Registered under FIFRA
EPA Reg. No. 10324-92

**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 PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage

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 must not be allowed to remain unprotected in ~~open tanks~~ Dip tanks and drip aprons must be roofed paved and drained to prevent ~~contamination~~ with ~~the anti stain solution~~ **in EPA Letter Dated.**

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 ~~must be kept in excess of 30 seconds (individual pieces) up to 30 minutes (banded wood).~~ ~~Under the Federal Insecticide, Fungicide, and Rodenticide Act a concentration of 0.5 to 3.0% active quaternary ammonium disinfectant preservative concentration must be customized to the degree of sap stain protection desired which must 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.

SAPTAIN FUNGICIDE

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).

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 must 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 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 must 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.

PREVENTATIVE TREATMENT

This product is an anti microbial concentrate which must be diluted before application for the prevention of algae, moss, mildew and mold. For use in homes, vehicles, institutions such as schools, public buildings, hospitals, nursing homes, correctional facilities and commercial buildings such as transportation terminals, warehouse offices, 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 and until spray has dried.

EXTERIOR USES

For the prevention of algae, moss and mildew on roofs (shakes, shingles, composite clay and concrete tile), siding (painted surfaces, wood, stucco, vinyl brick and aluminum) floors (concrete, brick, wood pavers and pool decks), awnings, tents, patio furniture and outdoor carpets. Not intended for use on surfaces covered with oil based paint.

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 1.3 ounces of this product into 1 gallon of water (or equivalent use dilution). After dilution, do not mix with other chemicals. Prepare no more mixture than is necessary for the immediate use.

Application Use the product diluted 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 to 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

For prevention of 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 must be cleaned, rinsed (to remove all residual chlorine or soap), and dried before application.

Mixing This product must be diluted before application. Mix 1.3 ounces of this product into 1 gallon of water (or equivalent use dilution). After dilution, do not mix with other chemicals. Prepare no more mixture than is necessary for the immediate use.

Application Use the product diluted 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 to 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 country extension office for more information. www.epa.gov/mold/moldresources.html

Note Do not allow children, pets, or unprotected persons in treatment areas 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.

Carpet

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

Carpets must 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 of 1.3 ounces per 5 gallons of water 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 to 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 to 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 of 1.3 ounces per 1 gallon of water 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.

(Note to reviewer) The title and first statement of this section must appear on every label followed by the appropriate Storage and Disposal section Brackets [] indicate that one option within the brackets MUST be used in the final label text. Each option within the brackets is enclosed in a set of parentheses (). All Notes are only for reviewers and will not be included on label.)

STORAGE AND DISPOSAL

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

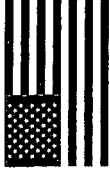
(FOR USE ON NON-REFILLABLE CONTAINERS WITH COMMERCIAL/INDUSTRIAL USES)
(Note) For use on containers of 5 gallons or less.

PESTICIDE STORAGE Store only in original container. Keep from freezing. If a leaky container must be contained within another, mark the outer container to identify the contents. 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.
CONTAINER DISPOSAL/RESIDUE REMOVAL Non-refillable container. Do not reuse empty container. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Wrap container and put in trash or offer for recycling or reconditioning if not available, puncture and dispose of in a sanitary landfill.

application equipment or a mix tank Drain rinsate into application equipment and dispose of according to Pesticide Disposal instructions Triple rinse container (or equivalent) promptly after emptying Continue to drain for 10 seconds after the flow ends Repeat this procedure two more times

Made in USA



SPILL OR LEAK PROCEDURES Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated Large spills should be contained and the material then moved into containers and disposed of by approved methods for hazardous wastes
(FOR USE ON NON REFILLABLE CONTAINERS WITH COMMERCIAL/INDUSTRIAL USES)
(Note For use on containers greater than 5 gallons)

PESTICIDE STORAGE Open dumping is prohibited Store only in original container Keep from freezing if a leaky container must be contained within another mark the outer container to identify the contents 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
CONTAINER DISPOSAL *(Note Only one of the following Container Disposal paragraphs will be used depending on packaging type)*

Non refillable container Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate) Offer for recycling if available or puncture and dispose in a sanitary landfill or by other procedures approved by state and local authorities If rinsate cannot be used follow pesticide disposal instructions

(Note Several of our customers packaging options are sealed containers or bottles designed to reduce worker exposure to the concentrate None of these can be triple rinsed because they are closed sealed containers The following text will be used on these non refillable sealed container types only)

Nonrefillable container Do not reuse or refill this container Wrap empty container and put in trash

RESIDUE REMOVAL INSTRUCTIONS To clean the container before final disposal empty the remaining contents from this container into (application equipment) (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 then stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times) (Agitate vigorously or recirculate water for 30 seconds) Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Follow Pesticide Disposal instructions for rinsate disposal Repeat this procedure two more times

(FOR USE ON REFILLABLE CONTAINERS WITH COMMERCIAL/INDUSTRIAL USES)

(Note For use on all refillable containers)
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

PESTICIDE STORAGE Open dumping is prohibited Store only in original container If a leaky container must be contained within another mark the outer container to identify the contents 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
(For use on all refillable containers except fixed tank containers)

CONTAINER HANDLING/RESIDUE REMOVAL INSTRUCTIONS Refillable container To clean the container before final disposal empty the remaining contents from this container into (application equipment) (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 then stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times) (Agitate vigorously or recirculate water for 30 seconds) Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times Follow Pesticide Disposal instructions for rinsate disposal

(Note To be used on fixed tanks only)
CONTAINER HANDLING/RESIDUE REMOVAL INSTRUCTIONS Refillable container To clean the container before final disposal empty the remaining contents from this container into

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUL 25 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No

10324-92