U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_X_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	**Date of Issuance:**
10324-224	1/8/16

Term of Issuance:
Conditional

Name of Pesticide Product:
Maquat 1010N-24_6-A

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company
723-B W. Algonquin Road
Arlington Heights, IL 60005

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Julie Chao, Product Manager 33
Regulatory Management Branch I, Antimicrobials Division (7510P)

Date:
1/8/16

EPA Form 8570-6

2. You are required to comply with the data requirements described in the DCI identified below:

    - Glutaraldehyde GDCI-043901-30859
    - Didecyl Dimethyl Ammonium Chloride (DDAC) GDCI-069149-30869

    You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division

3. Make the following label changes before you release the product for shipment:

    - Revise the EPA Registration Number to read, "EPA Reg. No. 10324-224."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated January 4, 2016
- Alternate CSF 1 dated January 4, 2016

If you have any questions, please contact me by phone at 703-308-8735, or via email at chao.julie@epa.gov.

Sincerely,

Julie Chao, Product Manager 33
Regulatory Management Branch 1

Enclosure: Accepted Label

MASON CHEMICAL COMPANY **"The Quaternary Specialists"**
723 W. Algonquin Road I Arlington Heights, IL 60005 I 847-290-1621or 800-362-1855

EPA Reg. No. 10324-XXX
EPA Est. No.

MAQUAT® 1010N-24_6-A

*(**Note to Reviewer:** Marketing claims may be used on the front panel.)*

ACTIVE INGREDIENTS:

Glutaraldehyde	24.0%
Didecyl dimethyl ammonium chloride	6.0%
OTHER INGREDIENTS:	70.0%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER {PELIGRO}

{See [{left} {back} {side} {right} {panel} {of label}} {below}] for {additional} {precautionary statements} {and} {or} {first aid}}.

*(**Note to Reviewer**: First Aid may only appear on different area of the container label if the Front Panel is less than 12 square inches in total.)*

FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: 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. Call a poison control center or doctor immediately for treatment advice.

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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

{For [{chemical} {and}{or}{medical}{and}{or}{environmental}] emergencies, call {*insert name and/or number of emergency contact*} {*hours of operation*}{24 hours a day}{7 days a week}}.

Mason
A Pilot Chemical Company

ACCEPTED
Jan 08, 2016
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10324-224

{See {additional} {sheet} {insert} for {other} {directions for use} {information} {claims} {organisms}.}

Net Contents:
{{Batch} {Lot} No} {Manufacturing Date}:
{Product of USA} {Made in the USA}

(**Note to Reviewer**: Text in { } is optional. Brackets [ ] indicate that at least one option within the brackets must be used in the final label text. Parentheticals ( ) are meant to appear on final label. "This product" can be substituted with actual product name.)

MARKETING CLAIMS

*(**Note to Reviewer:** Marketing text is considered optional. Commas and the words "and" "or" can be added to phrases to make text grammatically correct.)*

{LOCATIONS/SURFACES}

*(**Note to Reviewer:** The locations/surfaces have been grouped for space purposes only; they can be used individually or grouped together in any order. In the case where one or more location/surface is chosen, an "and" "&" "or" may be used to link locations/surfaces.)*

For {use} {in} {on} *(insert location/surface).*

{LOCATIONS}

- Commercial Recirculating Cooling Water Towers and Once Through Fresh Water Cooling Systems.
- Institutional, commercial, industrial, institutions, commercial sites, industrial sites, institutional facilities, public places

{SURFACES}

- Air washers
- Dairy sweetwater systems
- Drilling, completion and workover fluids systems
- Evaporative condensers
- Fuel storage tanks
- Gas storage fields
- Gas storage wells and systems
- Hydrostatic sterilizers and retorts
- Hydrotesting
- Industrial scrubbing systems
- Industrial recirculating water handling systems
- Oil and gas production and transmission pipelines and systems
- Oil field closed, industrial recirculating water handling systems
- Oil field injection and waste water
- Oil field processing systems
- Oil field water flood or salt water disposal system and fracturing fluids
- Oil field water systems
- Oil well drilling
- Packer fluids
- Paper mills
- Paper mill process water systems
- Pasteurizers
- Pipeline pigging and scraping operations
- Refinery closed, industrial recirculating water handling systems
- Steam-injection water holding tanks
- Warmers
- Wastewater sludge and holding tanks
- Water based coating, pigments and filler slurries
- Water holding tanks

WATER TREATMENT MARKETING CLAIMS

***(Note to Reviewer:** The following marketing claims may be used with the prefix "This product".)*

- A highly effective microbiocide for use in controlling bacteria including slime forming bacteria and sulfate-reducing bacteria {SRB} and fungi {yeast and molds} and algae in air washers and industrial scrubbing systems, recirculating cooling and process water systems including those that contain reverse osmosis membranes and in service water and auxiliary systems and heat transfer systems and in wastewater systems including wastewater sludge and holding tanks, and in paper mills and paper mill process water systems and water based coatings for paper and paperboard.
- A microbiocide for use in controlling sulfate-reducing bacteria and slime forming bacteria in oil well drilling, oil field processing applications, oil field water systems, oil and gas productions and transmission pipelines and systems, and gas storage fields and equipment; such as steam-injection water holding tanks, flood water, injection water, holding pond water, disposal-well water, water holding tanks, fuel storage tanks and related refinery and oil field closed, industrial recirculating water handling systems.
- A Water Treatment Microbiocide for Industrial and/or Commercial Recirculating Cooling Water Towers, Retort Water Systems and Oil Field Water Flood/Salt Water Disposal Systems and Fracturing Fluids.
- Controls Algae and Algal Slime Growth in Industrial and/or Commercial Recirculating Cooling Water Towers and Once Through Freshwater Cooling Systems.
- For thermal processing/pasteurizing operations within farms, soft drink and food canning plants to reduce the number of living algae, bacteria and fungi. Do not use in any system which may come in contact with food.
- Is a microbiocide that helps clean and loosen slime debris from cooling and flooding system surfaces.
- Is a water treatment microbiocide that will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood.

- This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, industrial and commercial cooling towers.
- This product has been specially formulated for use in cold weather environments.
- This product is used in industrial process water systems that contain ultra-filtration units and non-medical reverse osmosis membranes (where approved by membrane manufacturer) and associated distribution systems.
- To control algae and bacterial slimes, use this water treatment microbiocide as directed.
- Winterized Formula.

DIRECTIONS FOR USE

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

INDUSTRIAL WATER TREATMENT

***(Note to Reviewer:** For directions for use that use either the intermittent or continuous feed methods both directions will appear on the container label.)*

INTERMITTENT {SLUG DOSE} FEED METHOD
Initial Dose: When the system is noticeably fouled, apply 21.33 to 42.67 fluid ounces {50 to 100 ppm on an actives basis} of this product per 1,000 gallons of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 8.53 to 21.33 fluid ounces {20 to 50 ppm on an actives basis} of this product per 1,000 gallons of water in the system weekly, or as needed to maintain control.
Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD
Initial Dose: When the system is noticeably fouled apply 21.33 to 42.67 fluid ounces {50 to 100 ppm on an actives basis} of this product per 1,000 gallons of water in the system.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 4.27 to 21.33 fluid ounces {10 to 50 ppm on an actives basis} of this product per 1,000 gallons of water in the system per day.
Badly fouled systems must be cleaned before treatment is begun.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS
This product is used in industrial air washers and air washers systems which only have mist-eliminating components.
This product is added by either the Intermittent {Slug Dose} or Continuous Feed Method to a water treatment system at a convenient point of uniform mixing such as the basin area. Badly fouled systems can be shocked treated with this product. Under these conditions, blowdown is discontinued for up to 24 hours.

SERVICE WATER AND AUXILIARY SYSTEMS
Apply this product by either the Intermittent {Slug Dose} or Continuous Feed Method for this application. Add this product to the system at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS
{Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers}
This product is added to the system by either the Intermittent {Slug Dose} or Continuous Feed Method for this application at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS
{Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks}
This product is added to a wastewater system or sludge at a convenient point of uniform mixing such as digester. Add 0.83 to 4.17 gallons {250 to 1250 ppm on an actives basis} of this product per 1,000 gallons of wastewater or sludge.

PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS
This product is added to a paper making system at a point of uniform mixing such as the thin or thick stock chest, save-all tank, process tank or white water tank.

Initial Dose: When the system is noticeably contaminated, add 0.5 to 5.0 lbs. of this product per ton or 0.25 to 2.5 kg of this product per metric ton of pulp or paper (dry basis) as a continuous or slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

Subsequent Dose: When microbial control is evident, add 0.5 to 3.33 lbs. of this product per ton or 0.25 to 1.67 kg of this product per metric ton of pulp or paper (dry basis) as necessary to maintain control.

WATER BASED COATING, PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPERBOARD

Note: For use in non-food contact coating only.
Use from 0.17 to 1.0 lbs. of this product per 1,000 lbs. of dry powder or 0.17 to 1.0 kg of this product per metric ton of dry slurry to produce a concentration of 130.9 to 785.3 ppm as product (based on slurry solids) in the mixed slurry.

OIL FIELD & GAS PRODUCTION TREATMENT

WATER FLOODS

This product is added to a water flood system at a point of uniform mixing.
Initial Treatment: When the system is noticeably contaminated, add 50 to 2,500 ppm {on an actives basis} of this product to the system {0.17 to 8.33 gallons of this product per 1,000 gallons flood water}. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 10 to 2,500 ppm {on an actives basis} of this product {0.03 to 8.33 gallons of this product per 1,000 gallons flood water} to the system weekly, or as needed to maintain control.

FRAC FLUIDS

This product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add this product to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole.
Dose Range: This product is added at a rate 50 to 2950 ppm {on an actives basis} {1.67 to 98.33 gallons per 10,000 gallons}, depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUIDS

This product is added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 25 to 500 ppm {on an actives basis} of this product {0.35 to 7.0 gallons of this product per 100 barrels of fluid} to a freshly prepared fluid depending on the severity of contamination.

Maintenance Dose: Maintain a concentration of 25 to 500 ppm {on an actives basis} of this product by adding 0.35 to 7.0 gallons of this product per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

This product is added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 25 to 300 ppm {on an actives basis} of this product {0.35 to 4.2 gallons of this product per 100 barrels of fluid} to a freshly prepared fluid depending on the severity of contamination. Seal treated packer fluid in the wall between the casting and production tube.

OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

This product is added to an oil/gas production or transmission line via direct injection. The application is conducted to ensure maximum distribution of this product throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute this product with an appropriate solvent immediately before use. The concentration in the solvent must not fall below an active concentration range of 500 to 5000 ppm based on the volume of water in the pipeline. Injections to the system are made weekly, or as needed to maintain control.

GAS STORAGE WELLS AND SYSTEMS

Individual injection wells are treated with a sufficient quantity of this product to produce a concentration of 833.4 to 8333.4 ppm of this product {250 to 2500 ppm active basis} when diluted by the water present in the formation. Injection takes place before gas is injected {during the summer}. Injections should be repeated yearly, or as needed to maintain control.

Individual drips should be treated with a sufficient quantity of this product to produce a concentration of 333.4 to 3333.4 ppm of this product {100 to 1000 ppm on an active basis} when diluted by the water present in the drip. Injections should be repeated yearly or as needed to maintain control.

HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 50 to 2000 ppm {on an actives basis} of this product {0.17 to 6.67 gallons of this product per 1,000 gallons water} depending on the water quality and length of time the equipment remains idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add the product to a slug of water immediately following the scraper. Ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig. Sufficient product is added to produce a concentration of 0.17 to 1.67% (0.17 to 1.67 gallons of this product per 100 gallons of water), depending on the length of the pipeline and the severity of biofouling.

(**Note to Reviewer**: Text in { } is optional. Brackets [ ] indicate that at least one option within the brackets must be used in the final label text. Parentheticals ( ) are meant to appear on final label. "This product" can be substituted with actual product name.)

STORAGE AND DISPOSAL

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

{PESTICIDE} STORAGE: Store only in original 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.

CONTAINER HANDLING:

*(**Note to Reviewer:** One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)*

{For products with industrial, institutional, commercial use – May choose appropriate non-refillable/refillable statement.}

{For non-refillable containers equal to or less than 5 gal.}

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

{For non-refillable containers greater than 5 gal.}

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: 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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

{Refillable containers}

Refillable Container. Refill this container with this product 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 a mix tank. Fill 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.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Harmful if inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear and gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

ENVIRONMENTAL HAZARDS

(If container is equal to or greater than 5 gal., the following statement must appear on the label.)

This product is toxic to fish and aquatic invertebrates. 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.

(If container is less than 5 gal., use the following as an alternate to the above statement.)

This product is toxic to fish and aquatic invertebrates.

{SPANISH ADVISORY STATEMENTS}

(***Note to Reviewer:*** *This statement is optional.)*

{SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE.
IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.}

{WARRANTY STATEMENTS}

(***Note to Reviewer:*** *The below statements are optional.)*

{Read Product Safety Data Sheet prior to use. PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABLITY ARE FOUND on the Product Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.

Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILDAD SE ENCUENTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistence con la ley, el uso del producto significa acuerdo con estas disposiciones.}