

10324-185

6/28/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mason Chemical Company
712 W Algonquin Rd
Arlington Heights, IL 60005

JUN 28 2012

Attention Elizabeth Tannehill
Regulatory Manager

Subject Maquat 25 12
EPA Reg No 10324-185
Notification Letter Date May 18, 2012

This will acknowledge receipt of your notification for the aforementioned product labels, submitted under the provisions of FIFRA Section 3(c) (9) Based on a review of the submitted material, the following apply

- Revising Storage and Disposal Language

The Notification is in compliance with PR Notice 98-10 and is acceptable This information has been made a part of your file

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062

Sincerely,

Mc
Marshall Swindell

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510C)



United States
Environmental Protection Agency
Washington DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1 Company/Product Number 10324-185	2 EPA Product Manager Noble	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Maquat 25 12	PM# 31	
5 Name and Address of Applicant (Include ZIP Code) Mason Chemical Company 721 W Algonquin Rd Arlington Heights IL 60005 <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For section I and Section II)

Additional information for this application is provided on the following pages:

This application is submitted in response to EPA Notice 95-2 regarding the registration of Maquat 25 12. The product is similar to the previously registered product, Maquat 25 12, and is being registered under the same name and label. The applicant certifies that the product is similar to the previously registered product and that the labeling is identical to the previously registered product.

For more information, contact the EPA at 1-800-455-7267 or the local office in your area.

Section - III

1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If Yes Unit Packaging wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4 Size(s) Retail Container 1 qt 1 gal 5 gal 55 gal tote tank truck	
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled		5 Location of Label Directions <input checked="" type="checkbox"/> On Label	

Section - IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Elizabeth Tannehill	Title Regulatory Manager	Telephone No. (Include Area Code) 847 290 1621
2 Signature 		3 Title Regulatory Manager
4 Typed Name Elizabeth Tannehill		5 Date 5/18/12
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6 Date Application Received (Stamped)



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 185
 EPA Est No 10324 IL 1

MAQUAT® 25:12

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 swallowed absorbed through the skin or inhaled Avoid breathing spray mist Do not get into eyes on skin or on clothing Wash thoroughly with soap and water after handling and before eating drinking using tobacco or using the toilet Remove and wash contaminated clothing before reuse Wear goggles or face shield and rubber gloves and protective clothing when handling

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

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

A microbicide 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 holding tanks fuel storage tanks and related refinery and oil field closed industrial recirculating water handling systems

A highly effective microbicide 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

(Product of USA) (Made in the USA)

ACTIVE INGREDIENTS

Glutaraldehyde	25.7%
Alkyl (50% C ₁₄ 40% C ₁₂ 10% C ₁₆) dimethyl benzyl ammonium chloride	5.0%
Didecyl dimethyl ammonium chloride	7.5%
INERT INGREDIENTS	61.8%
TOTAL	100.00%

Weight Approx -- lbs/gal

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left (back) (side) (right) panel (of label) (below) for additional precautionary statements and first aid statements

(Note to Reviewer This information has been verified per DOT regulations It is NOT required 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 PGII

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

Manufacturing and/or Lot no Date

DIRECTIONS FOR USE

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

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product is used only in industrial air washers and air washers systems which have mist eliminating components

This product is added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition is made intermittently (Slug Dose) or continuously. Badly fouled systems can be shocked treated with this product. Under these conditions, blowdown is discontinued for up to 24 hours.

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.

INTERMITTENT (SLUG DOSE) METHOD

Initial Dose When the system is noticeably fouled, apply 16.75 to 33.51 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 6.70 to 16.75 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 16.75 to 33.51 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 3.35 to 16.75 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.

SERVICE WATER AND AUXILIARY SYSTEMS

This product is used at the same application rates and in the same manner as described above. It is added 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 used at the same application rates and in the same manner as described above. It is added to the system 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 WASTE WATER 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 0.65 to 3.27 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 0.65 to 3.93 lbs of this product per ton or 0.33 to 1.96 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 0.39 to 2.62 lbs of this product per ton or 0.20 to 1.31 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 0.13 to 0.79 lbs of this product per 1,000 lbs of dry powder or 0.065 to 0.393 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.

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 2500 pt (on an actives basis) of this product to the system (0.13 to 6.54 gallons of this product per 1,000 gallons of water). Repeat until control is achieved.

Subsequent Dose When microbial control is evident, add 10 to 2500 ppm (on an actives basis) of this product (0.03 to 6.54 gallons of this product per 1,000 gallons of 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 (1.31 to 77.23 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 (0.27 to 5.45 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 0.27 to 5.45 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 (0.27 to 3.30 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 casing 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 5,000 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 1,500 to 15,000 ppm of this product 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 600 to 6000 ppm of this product 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 2,000 ppm (on an actives basis) of this product (0.13 to 5.24 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 0.13 to 1.3% (0.13 to 1.3 gallons of this product per 100 gallons of water), depending on the length of the pipeline and the severity of biofouling.

(Note to reviewer: The title and first statement of this section must appear on every label, followed by the appropriate Storage and Disposal section.)

STORAGE AND DISPOSAL

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

(FOR USE ON NON-REFILLABLE CONTAINERS WITH WITH INSTITUTIONAL/COMMERCIAL/INDUSTRIAL NON-PUBLIC HEALTH USES ONLY)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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 DISPOSAL: 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. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

RESIDUE REMOVAL INSTRUCTIONS (For containers less than 5 gallons): Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

RESIDUE REMOVAL INSTRUCTIONS (For containers greater than 5 gallons): Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 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 it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store for later use or disposal. Repeat this procedure two more times.

BATCH CODE: (Can be placed on container or label)

(FOR USE ON REFILLABLE CONTAINERS - 5 gallon and 55 gallon containers)

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. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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 DISPOSAL: Refillable container. Triple rinse (or equivalent). Refill this container with this product only. Do not reuse this container for any other purpose.

RESIDUE REMOVAL INSTRUCTIONS (For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses): 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. Empty remaining contents into application equipment or a mix tank. Fill the container 1/2 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 it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.