

10324-147

5/18/2012

1098

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 18 2012

Subject: Response to ATP Letter dated March 30, 2011  
Marquat 64-1010N  
EPA Registration No. 10324-147  
Your Submission Dated: June 28, 2011

Dear Ms. Tannehill,

We have completed a review of the new efficacy data for *Staphylococcus aureus*. submitted in response to the antimicrobial testing program (ATP) testing failure for this product against the organism named above.

Out of two lots tested both were positive (1<sup>+</sup> of 60 for the test organism which is consistent our performance standard of 0<sup>+</sup> or 1<sup>+</sup> of 60). As a result, the data support a claim of effectiveness against *Staphylococcus aureus* for this product. No additional testing is required.

The revised labeling removing claims against *Pseudomonas aeruginosa* and removing directions for use in hospitals and institutions is acceptable subject to the comments listed below:

1. On page 2 revise the 5<sup>th</sup> paragraph in the left column to read: "this formulation is recommended for use in public rest rooms..."
2. Revise the PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS to read: "...Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet".
3. On pages 2 and 3 under DIRECTIONS FOR USE delete the entire paragraph "This product is not be used as a terminal sterilant/high level disinfectant...high level disinfection".
4. On page 3 revise the section "KILLS HIV, HBV AND HCV ..." by deleting the phrase "...in health care settings or other...".

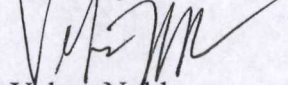
A stamped copy of the revised label is enclosed. A copy of our efficacy review is also enclosed.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2018

If you have any questions concerning this letter please contact Velma Noble at (703) 308-6233 or Emilia Oiguenblik at (703) 347-0199.

Sincerely,



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

Attachments: Efficacy review, Stamped label



**MASON CHEMICAL COMPANY**  
"The Quaternary Specialists"

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

E.P.A. Reg. No. 10324-147  
E.P.A. Est. No. 10324-IL-1

**MAQUAT® 64-1010N**

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 skin or swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles, safety glasses or face shield and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated 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.

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide\*, Deodorizer  
Effective in hard water up to 250 ppm hardness (Calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride..... 3.84%

**INERT INGREDIENTS:**

TOTAL ..... 100.00%

**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.

**ACCEPTED  
with COMMENTS**

**in EPA Letter Dated:**

5/18/2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10324-147

30 of 8

Cross-contamination is of major housekeeping concern not only in schools and industry. This formulation has been formulated to aid in the reduction of cross-contamination on treated surfaces.

This product is a one-step neutral disinfectant that is effective against a broad spectrum of bacteria, is virucidal\* (including HIV-1, HBV and HCV), fungicidal and inhibits the growth of mold and mildew and their odors when used as directed.

When used as directed, this product will deodorize surfaces in rest room and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

This product is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on hard non-porous surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

This formulation is recommended for use in ~~restaurants~~, public rest rooms, schools, colleges, food processing plants, food storage areas, kitchens, restaurants and bars, airports, transportation terminals, hotels and motels. For use in households.

This product contains no phosphorus.

This product is a no rinse neutral pH disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step.

This product can be used with a mop and bucket, trigger sprayers, sponge or by soaking.

This product provides effective cleaning strength that will not dull most metal-interlock floor finishes, and does not require a rinse prior to recoat.

This product improves labor results by effectively controlling odors.

This product cleans, shines, deodorizes and disinfects hard non-porous surfaces. Inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and smelling fresh.

This product is recommended for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowls.

This product is for use in kitchens, bathrooms and other household areas.

This product is a neutral pH multi surface cleaner, deodorizer and disinfectant. Use on windows, mirrors, and other non-food contact glass surfaces.

Use this product on the multi-touch surfaces responsible for cross-contamination.

Use this product on finished floors, high speed burnished floors, conductive flooring, washable walls, tables, chairs, bathroom bowls, sinks, basins, shower stalls, tubs, glazed tiles, toilet, countertops, stove tops, exteriors surfaces of appliances and refrigerators, cabinets, garbage cans, tables, outdoor furniture, chairs, desks, telephones, door knobs and handles, and glass surfaces including windows and mirrors.

This product is recommended for Poultry Premise Sanitation (Hatcheries):

Egg Receiving Area	Tray Dumping Area	Chick Processing Area
Egg Holding Area	Chick Holding Area	Chick Loading Area
Setter Room	Hatchery Room	Poultry Buildings

This product is recommended for Swine Premise Sanitation:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes

\*Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. This product (Product Name) is a broad-spectrum hard surface disinfectant that

has been shown to be effective against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

\*This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.

\*This product has demonstrated effectiveness against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

\*Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

\*Kills Pandemic 2009 H1N1 influenza A virus.

This product is Bactericidal according to the AOAC Use Dilution Test method, Virucidal\* according to the virucidal qualification on hard inanimate surfaces, Fungicidal according to the AOAC fungicidal test, modified in the presence of 5% organic serum against:

#### **Bacteria**

*Enterobacter aerogenes* ATCC#15038  
*Enterococcus faecalis* Antibiotic Resistance ATCC#51575  
*Enterococcus faecalis* Vancomycin Resistance (VRE) ATCC#51299  
*Enterococcus faecium* Antibiotic Resistance ATCC#51559  
*Escherichia coli* O157:H7 ATCC#35150  
*Klebsiella pneumoniae* ATCC#4352  
*Klebsiella pneumoniae* Antibiotic Resistance ATCC#700603  
*Listeria monocytogenes* ATCC#19117  
*Salmonella choleraesuis* ATCC#10708  
*Salmonella schottmulleri* ATCC#8759  
*Salmonella typhi* ATCC#6539  
*Serratia marcescens* ATCC#14756  
*Shigella dysenteriae* ATCC#13313  
*Staphylococcus aureus* ATCC#6538  
*Staphylococcus aureus*-MRSA ATCC#33592  
*Staphylococcus aureus*-VISA HIP 5836  
*Staphylococcus epidermidis* ATCC#35983  
*Staphylococcus epidermidis* Antibiotic Resistance ATCC#51625  
*Streptococcus pyogenes* "Flesh Eating Strain" Bird M3-Clinical Isolate

#### **Viruses**

Bovine Viral Diarrhea NADL Strain  
Canine Coronavirus  
Hepatitis B Virus (HBV)  
Hepatitis C Virus (HCV)  
Herpes simplex virus Type 1 ATCC#VR-733  
Herpes simplex virus Type 2 ATCC#VR-734

HIV Type 1 HTLV-III  
Human Coronavirus  
Influenza A Beijing virus H<sub>1</sub>N<sub>1</sub> Strain  
Influenza A Hong Kong virus ATCC#VR-544  
Influenza B virus ATCC#VR-823  
Vaccinia virus ATCC#VR-119

#### **Fungi and Mold**

*Aspergillus niger* ATCC#16404 (no soil used in testing)  
*Candida albicans* ATCC#10231

#### **Hepatitis Virus**

At 2 ounces of this product per gallon of water (or equivalent use dilution) in the presence of 400 ppm hard water (CaCO<sub>3</sub>) and 5% serum this product was proven to be effective against Hepatitis B and Hepatitis C Virus with a contact time of 10 minutes.

### **DIRECTIONS FOR USE**

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

~~This product is not to be used as a terminal sterilant/high level disinfectant on any surface.~~  
~~It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.~~  
~~It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.~~  
~~It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.~~  
~~It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.~~

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

5/18/2013

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

10324-147

4098

~~clean and decontaminate critical or semi-critical medical devices prior to sterilization.~~

(Or use the following sentence if not used on medical devices or medical equipment.)  
Not for use on medical devices or medical equipment surfaces.

**Disinfection/Virucidal/Fungicidal:** For water hardness up to 250 ppm add 2 ounces per gallon of water (1:64) to disinfect hard non-porous surfaces OR mix a 8 ounce packet with 4 gallons of water. Treated surfaces must remain wet for 10 minutes.

For heavy-duty use add 8 ounces per gallon of water (1:16), to disinfectant hard non-porous surfaces.

Apply at 2 ounces per gallon of water to hard inanimate, non-porous surfaces thoroughly wetting surfaces as recommended and required, with a cloth, mop, sponge or sprayer.

For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray.

Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution at least daily or when use solution becomes diluted or soiled.

Rinse all surfaces which come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. This product is not for use to disinfect or clean eating utensils, glassware and dishes.

**Mold and Mildew Control Directions:** To control the growth of mold and mildew and their odors on hard, non-porous surfaces, apply at 2 ounces per gallon of water to thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

**\*KILLS HIV, HBV AND HCV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in ~~inanimate settings or other~~ on inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1, (HIV-1) (associated with AIDS), Hepatitis B and Hepatitis C Virus.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**PERSONAL PROTECTION:** Clean up should always be done wearing protective latex gloves, gowns, masks and eye protection.

**CLEANING PROCEDURE:** Blood and other body fluids containing HIV, HBV and/or HCV must be thoroughly cleaned from surfaces and objects before application of this product.

**CONTACT TIME:** Leave surface wet for 10 minutes with 2 ounces per gallon use solution.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**NON-ACID TOILET BOWL DISINFECTANT/CLEANER DIRECTIONS**

Preclean to remove heavy soil.

**From Concentrate:** Add 2 ounces to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim. Allow to stand for 10 minutes and flush.

**From Use Solution:** Empty toilet bowl or urinal and apply 2 ounces per gallon use solution to exposed surfaces, including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application, use a coarse spray device.

**For Heavy Duty Cleaning:** Empty toilet bowl or urinal and apply 8 ounces per gallon use solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application, use a coarse spray device.

**Glass Cleaning/Deodorizing Directions:** Add 1 to 4 ounces per gallon of water to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. Spray 6-8 inches from surface. Rub with sponge or cloth. Do not breathe spray.

**Directions for Food Processing Plants:** Before using this product, food products and packaging materials must be removed from the room or carefully protected. For use on non-food contact surfaces such as floors, walls, tables, garbage cans and disposal areas. Follow disinfection directions.

**Directions for Food Storage Areas:** For use on non-food contact surfaces such as shelves, floors, walls and tables. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Then follow disinfection directions.

**POULTRY (and SWINE) PREMISE SANITATION**

**Site Preparation:** The first step in any on-going sanitation program is the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated, disinfection can be accomplished in one easy step.

**APPLICATIONS AND USE DILUTION**

**POULTRY (and SWINE) PREMISE**

Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and other feeding end watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 2 ounces of this product per gallon of water. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other equipment that may contact food or water with soap or detergent, and rinse with potable water before reuse. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure.

**HATCHERIES:** Use 2 ounces of this product per gallon of water to treat the following hard non-porous surfaces: hatches, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more. Rinse, with ~~potable water~~ before reuse. Then allow to air dry.

**VEHICLES:** Clean all vehicles including mats, ~~trucks, cars, and trailers~~ wheels with high-pressure water and this product. For sprayer applications, use a coarse spray device. Use 2 ounces per gallon to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more.

**SHOE BATHS:** Shoe baths containing one ~~gallon of fresh Ready-to-Use Solution~~ (2 ounces per gallon of water) should be placed at all entrance ~~to buildings and hatcheries~~ and at all ~~entrances to buildings and hatcheries~~ and at all ~~entrances to buildings and hatcheries~~ registered under EPA Reg. 10334-1147.

with COMMENTS

Under the Federal Insecticide, Fungicide, and Rodenticide Act

10334-1147

5088

the entrances to the production and packaging rooms. Change the solution in the bath daily or sooner if solution appears dirty.

**DRESSING PLANT USE:** Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the recommended use solution, 2 ounces of this product per gallon of water. Scrub to loosen all soils. Allow to soak for 10 minutes and thoroughly rinse all wetted and cleaned surfaces with potable water.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

5/18/2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 10324-147

(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 HOUSEHOLD/RESIDENTIAL USES)**  
**STORAGE AND DISPOSAL:** 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.

**Non-refillable container.** Do not reuse or refill this container. Triple rinse (or equivalent). Wrap and put in trash or offer for recycling if available.

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

**(FOR USE ON NON-REFILLABLE CONTAINERS WITH NO HOUSEHOLD OR RESIDENTIAL USES. USE ON CONTAINERS WITH COMMERCIAL/INDUSTRIAL 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). Triple rinse (or equivalent). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. 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: Fill the container ¼ 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 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: Fill the container ¼ full with water. 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

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

**(FOR USE ON NON-REFILLABLE CONTAINERS WITH 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 ¼ 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 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 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:** 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 ¼ full with water. Replace and tighten closure. 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.

**RESIDUE REMOVAL INSTRUCTIONS (For containers greater than 5 gallons with Industrial/Commercial 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 ¼ full with water. Replace and tighten closure. 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 its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

Under the Federal Insecticide,

Fungicide, and Rodenticide Act as

amended for the pesticide,

1098  
EPA Reg. No. 16222-117

**8 OUNCE PACKET LABEL TO BE USED WITH MASTER  
CONTAINER LABEL**

MIX EACH PACKET WITH 4 GALLONS OF WATER FOR  
DISINFECTION

**MAQUAT® 64-1010N**

E.P.A. Reg. No. 10324-147 E.P.A. Est. No. 10324-IL-1

NET CONTENTS: 8 FLUID OZ.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride..... 3.84%  
**INERT INGREDIENTS:**..... 96.16%  
**TOTAL**..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND  
USE DIRECTIONS

DISPOSAL: Do not reuse container. Wrap and put in trash collection.

**MASON CHEMICAL COMPANY**  
"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road  
Arlington Heights, IL 60005



847-290-1621

Toll Free:

1-800-362-1855

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

5/18/2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 10324-147

8098