



Registration
Amendment
Other

OPP Identifier Number

229578

Application for Pesticide - Section I

1. Company/Product Number 10324-94	2. EPA Product Manager Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) R101	PM# 31	
5. Name and Address of Applicant <i>(Include ZIP Code)</i> Mason Chemical Company 721 W. Algonquin Road 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.

Add Additional Brand Name Maquat 20-M
Comply with PR 94-4
Add MOU Statement

NOTIFICATION

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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	If "Yes" Package wgt No. per container
3. Location of Net Contents Information		4. Size(s) Retail Container	5. Location of Label Directions
<input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container	1 qt 1 gal	<input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 <input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Marc M Mason	Title GM	Telephone No. (Include Area Code) 800 362 1855
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)
2. Signature [Signature]	3. Title GM	
4. Typed Name Marc M Mason	5. Date 12/3/96	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN - 9 1997

Marc M. Mason
Mason Chemical Company
721 W. Algonquin Road
Arlington Heights, IL 60005

Subject: R101
EPA Registration No. 10324-94
Notification Per PR-Notice 95-2

Dear Mr. Mason:

This will acknowledge receipt of your notification, for an additional brand name (Maquat 20-M) and to comply the MOU statement (PR-Notice 94-4), submitted under the provisions of FIFRA section 3 (c) 9. Based on a review of the submitted material, the following comments apply.

The application is acceptable and the notification has been made a part of the records for this file.

Sincerely,

Wanda Y. Mitchell
Notification Coordinator
Antimicrobial Program Branch
Registration Division (7505)

CONCURRENCES							
SYMBOL	7505C						
SURNAME	Mitchell						
DATE	1/9/97						

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 or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

Solution is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, poultry and turkey farms, kennels and institutions where disinfection, sanitation, and deodorization is of prime importance. When used as directed, solution is formulated to disinfect pre-cleaned inanimate, hard surfaces such as walls, floors, sink tops, tables, chairs, telephones, and bed frames.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganisms. In addition, this product will sanitize previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses and eating utensils. This product can also be used to sanitize previously cleaned food grade eggs in shell egg and egg product processing plants.

DISINFECTION: To disinfect pre-cleaned, inanimate, hard surfaces apply this product with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For disinfection, a pre-cleaning step is required. Prepare a fresh solution for each use.

DILUTION RATES:

GENERAL DISINFECTION - Add 1-1/2 ounces of this product per 5 gallons of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*.

HOSPITAL DISINFECTION - Add 1-3/4 ounces of this product per 5 gallons of water for disinfection against *Pseudomonas aeruginosa*.

OTHER USES:

For disinfection of pre-cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 3/4 ounce of this product per gallon of water for 10 minutes.

For disinfection of pre-cleaned poultry equipment (brooders, watering founts, feeding equipment), animal quarters and kennels, apply a solution of 1-3/4 ounces of this product per 5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feeds must be removed from the premise. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate building, coops, and other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set or dried. After treatment, thoroughly scrub treated feed racks, troughs, equipment, feeders, fountains, and waterers with soap or detergent and rinse with potable water before reuse. ALL TREATED EQUIPMENT THAT WILL CONTACT FEED OR DRINKING WATER MUST BE RINSED WITH POTABLE WATER BEFORE REUSE.

LAUNDRY BACTERIOSTAT FOR COMMERCIAL, INDUSTRIAL, AND NON-MEDICAL INSTITUTIONAL LAUNDRY APPLICATIONS: This product provides the fabric with residual bacteriostatic activity against odor causing gram-negative and disease spreading gram-positive bacteria such as *Klebsiella pneumoniae* and *Staphylococcus aureus* when this product is added to the final rinse at a rate of 1.8 ounces per 190 lbs. of dry laundry.

SANITATION - Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed, this product is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent, pre-rinse, pre-soak or pre-scrape treatment. Rinse with a potable water rinse.

To sanitize pre-cleaned and potable water-rinsed, non-porous food contact surfaces, prepare a 200 ppm active quaternary solution by adding 1/2 ounce of this product to 4 gallons of water, 1-1/4 ounces to 10 gallons of water, or 2-1/2 ounces to 20 gallons of water.

MAQUAT 20-M

Disinfectant-Sanitizer, Deodorizer, *Virucide,
Mildewstat (on hard inanimate surfaces)
Laundry Bacteriostat

ACTIVE INGREDIENTS

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chloride	10.0%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chloride	10.0%
INERT INGREDIENTS:	80.0%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

MASON CHEMICAL COMPANY

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road
Arlington Heights, IL 60005
(847) 290-1621

Toll Free:
1-800-362-1855

E.P.A. Reg. No. 10324-94
E.P.A. Est. No. 10324-IL-1

NET CONTENTS

To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with a 200 ppm active quaternary solution for at least 60 seconds, making sure to wet all surfaces completely. Remove, drain the use solution from the surface, and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds, making sure to immerse completely. Remove, drain the use solution from the surface, and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. NO POTABLE WATER RINSE IS REQUIRED. This product is an effective sanitizer when diluted in water to 750 ppm hardness (CaCO₃).

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1/2 ounce of this product in 4 gallons of warm water (200 ppm active quaternary solution). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to POTABLE WATER RINSE ONLY IF THEY ARE BROKEN IMMEDIATELY for use in the manufacture of egg products. Eggs should be dry before casing or breaking. The solution should not be reused for sanitizing eggs.

Virucidal Activity - This product, when used on environmental, inanimate hard surfaces at 1-3/4 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A/Japan (representative of the common flu virus), Herpes Simplex Type 1, (causative agent of fever blisters) Vaccinia virus (representative of the pox virus group), Avian Influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection) and Newcastle disease virus.

Deodorization - To deodorize, apply this product as indicated under the heading GENERAL DISINFECTION.

Mildewstat - To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 1-1/2 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove and wash contaminated clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink egg whites or gelatin solution, or if these are not available, drink large quantities of water. Call a physician immediately.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL - (Larger than 1 gallon) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. (1 gallon and smaller). Do not reuse empty container. Wrap container and put in trash.

NOTIFICATION

JAN - 9 1997

