

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

10324-41

DATE OF ISSUANCE

MAY 27 1987

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Maquat MQ416M

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mason Chemical Company  
5252 West Belmont Avenue  
Chicago, IL 60641

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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)(2)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 10324-41" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with 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.

*M. Swindell for*

John P. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE:

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

DATE

PRECAUTIONARY STATEMENTS

**DANGER**

HAZARDOUS TO HUMANS & DOMESTIC ANIMALS

**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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**Statement of Practical Treatment**

In case of contact, immediately flush the eyes with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink PROMPTLY a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probably mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge into lakes, ponds, streams, estuaries, oceans or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewerage 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

**DIRECTIONS FOR USE:** Do not use water containing residue from use of this product to irrigate crops used for food or feed. It is a violation to use this product in a manner inconsistent with its labeling.

For Manufacturing Use Only. See Maquat MQ 416M Technical Bulletin for additional product information and recommended uses.

Formulators using this product are responsible for EPA registration for their formulated products.

**MAQUAT**

MQ 416M

For use by manufacturers only in formulating microbiocides, disinfectants, sanitizers & fungicides

**ACTIVE INGREDIENTS:**

Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride	32.0%
Octyl decyl dimethyl ammonium chloride	24.0%
Dioctyl dimethyl ammonium chloride	12.0%
Didcyl dimethyl ammonium chloride	12.0%
<b>INERT INGREDIENTS:</b>	<b>20.0%</b>
<b>Total</b>	<b>100.0%</b>

\*Weight approx. 8 lb./gal.

**KEEP OUT OF REACH OF CHILDREN DANGER**

See left panel for additional precautionary statements.

**STORAGE AND DISPOSAL**

**1. PROHIBITIONS**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**2. STORAGE INSTRUCTIONS**

Store in original container. Keep from freezing.

**3. SPILL OR LEAK PROCEDURES**

Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

**4. 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 the 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.

**5. CONTAINER DISPOSAL**

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.

**Mason Chemical Company**



"The Quaternary Specialists"  
5253 WEST BELMONT AVENUE  
CHICAGO, ILLINOIS 60641  
312/282-0200  
OUTSIDE ILLINOIS:  
1-800-362-1855

E.P.A. Reg. No. 10324  
E.P.A. Est. No. 10324-NJ-1

Batch No.

Net Contents

ACCEPTED with COMMENTS in EPA Letter Dated

MAY 28 1987

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

10324-41

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12-13

# "The Quaternary Specialists"

Maquat MQ416M

## Chemical Composition

### Active Ingredients

Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)

dimethyl benzyl ammonium chloride	32.0%
Octyl decyl dimethyl ammonium chloride	24.0%
Dioctyl dimethyl ammonium chloride	12.0%
Didecyl dimethyl ammonium chloride	12.0%

Inert Ingredients 20.0%

Total 100.0%

## Physical Properties

A. Physical state	Liquid
B. Color	Clear to light amber
C. pH (10% solution)	6.0 - 9.0
D. Molecular weight	342
E. Compatability	Maquat MQ416M is cationic and therefore incompatible with soap and anionic surfactants
F. CAS No.	68424-95-5 130-08-2

## III. Instructions for Formulations

It is a violation of federal law to use this product in a manner inconsistent with the labeling.

Formulators using this product are responsible for EPA registration for their formulated products.

ACCEPTED  
with COMMENTS  
in EPA Letter dated:

MAY 28 1987

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
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10324-41

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