

**PRECAUTIONARY  
STATEMENTS  
DANGER**

**HAZARDS 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 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.

**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 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.

**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  
Technical Bulletin for additional product information and recommended uses.

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

See Maquat, 4480-E

# MAQUAT

## 4480-E

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

**ACTIVE INGREDIENT:**

Didecyl dimethyl ammonium chloride ..... 80.0%

**INERT INGREDIENTS:**..... 20.0%

**TOTAL:**..... 100.0%

Weight Approx 1.7 lb/gal

**KEEP OUT OF REACH  
OF CHILDREN  
DANGER**

See left panel for additional precautionary statements.

**Mason Chemical Company**



"The Quaternary Specialists"  
721 W. ALGONQUIN ROAD  
ARLINGTON HEIGHTS, IL 60005  
708/290-1621  
TOLL FREE:  
1-800-362-1855  
E.P.A. Reg. No. 10324-35  
E.P.A. Est. No. 10324-NJ-1

10324-35

## 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 rinseate 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**

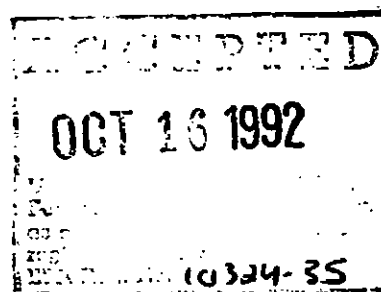
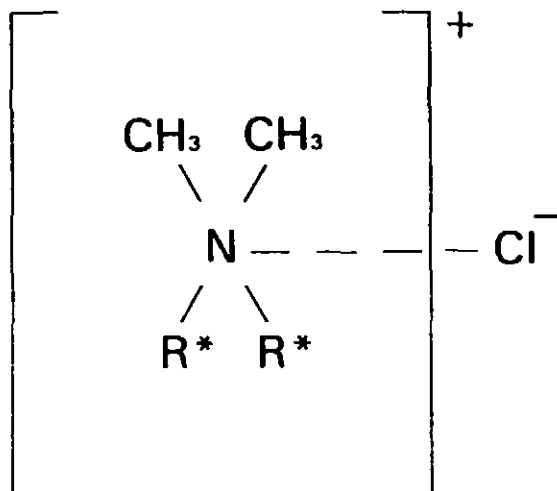
Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Batch No.

Net Contents

OCT 26 1992

**BEST AVAILABLE COPY**



Where R\* is N-decyl  
Didecyl dimethyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

Didecyl dimethyl ammonium chloride . . . . .	80%
Inert Ingredients: . . . . .	20%
Total: . . . . .	100%

II. Chemical and Physical Properties:

- A. Appearance: A clear to light straw in color - liquid.
- B. pH (10% solution in distilled water): 6.0-8.0
- C. Color (APHA) 325max
- D. Average Molecular Weight: 361

E. Compatibility: Maquat 4480-E is cationic and therefore is incompatible with soap and anionic surfactants. It is compatible with nonionics and other cationics.

F. Corrosion: At use dilution - is non corrosive to most plastics, natural rubber and monel metal. Corrosive to iron, bronze, aluminum, lead, tin and copper.

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 and State registrations for their formulated products. All products in which a claim is made of a germicidal, algacidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, D.C.

NON-WARRANTY STATEMENT:

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents