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ACCEPTED  
OCT 01 1982  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10324-35

**PRECAUTIONARY STATEMENTS  
DANGER**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN. CORROSIVE**

Caution: This product is highly corrosive to metals. It may also be corrosive to certain plastics and synthetic materials. Do not use on painted surfaces. Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly with water after use.

**STATEMENT OF PRACTICAL TREATMENT**

Use this product to disinfect and sanitize surfaces. Apply to surfaces to be treated. Allow to remain on surface for 10 minutes before rinsing. Do not use on food surfaces. Do not use on clothing or linens. Do not use on children's toys. Do not use on electrical equipment. Do not use on marble or stone surfaces.

**NOTE TO PHYSICIAN**

For first aid information, see the label. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and water. In case of ingestion, do not induce vomiting. Seek medical attention immediately.

**ENVIRONMENTAL HAZARDS**

This product is highly corrosive to metals. It may also be corrosive to certain plastics and synthetic materials. Do not use on painted surfaces. Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly with water after use.

**PHYSICAL OR CHEMICAL HAZARDS**

This product is highly corrosive to metals. It may also be corrosive to certain plastics and synthetic materials. Do not use on painted surfaces. Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly with water after use.

**DIRECTIONS FOR USE**

Use this product to disinfect and sanitize surfaces. Apply to surfaces to be treated. Allow to remain on surface for 10 minutes before rinsing. Do not use on food surfaces. Do not use on clothing or linens. Do not use on children's toys. Do not use on electrical equipment. Do not use on marble or stone surfaces.

**MAQUAT  
4480-E**

**Concentrated  
For the Formulation of Sanitizers,  
Disinfectants and Water Treatment Microbiocides**

• ACTIVE INGREDIENTS:	
Didecyl dimethyl ammonium chloride	80.0%
INERT INGREDIENTS:	20.0%
TOTAL:	100.0%

\* Weight Approx. 7 lb/gal

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See left panel for additional precautionary statements.

**Mason Chemical Company**

**"The Quaternary Specialists"**  
5753 WEST BELMONT AVENUE  
CHICAGO, ILLINOIS 60641  
312 282 0200  
E.P.A. Reg. No. 10324-35  
E.P.A. Est. No. 10324-IL-1

**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 PESTICIDE DISPOSAL**

Pesticide spray mixtures or residue that is not to be used, or which cannot be reprocessed, should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**3 CONTAINER DISPOSAL**

Dispose of in an approved landfill approved for pesticide containers, or bury in a safe place.

**4 GENERAL**

Consult Federal, State, and local health authorities for approved alternative procedures such as incineration.

KEEP FROM FREEZING

Net Contents

Batch No.



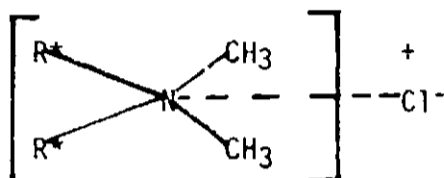
# CHEMICAL COMPANY

"The Quaternary Specialists"

TECHNICAL BULLETIN

Maquat 4480 - E

ACCEPTED  
OCT 01 1982  
Under the Federal  
Pesticide Act  
as amended, for use as a  
registered under  
EPA Reg. No. 10324-35



Where R \* = N-decyl

Didecyl dimethyl ammonium chloride

EPA Registration Number 10324 - 35

## I. Statement of Ingredients

Active Ingredients:

Didecyl dimethyl ammonium chloride 80.0%

Inert Ingredients: 20.0%

Total 100.0%

## II. Chemical and Physical Properties

A. Appearance: A clear to light straw in color - liquid

B. Specific Gravity at 25°C: .891

C. pH (10% solution in distilled water): 6 - 8

D. Activity: 80.0%

E. Color (APHA): 375 max.

F. Average molecular weight: 361

G. Free Amine plus Free Amine Hydrochloride: 3.0 max.

H. Solubility: Free soluble in water, lower alcohols, ketones and glycols

I. Compatability: Maquat 4480 - E is cationic, and therefore is incompatible with soap or anionic surfactants.

5253 WEST BELMONT AVENUE • CHICAGO, ILLINOIS 60641

PHONE 312 282 0700

CABLE ADDRESS MASCHEM

TWX 910 221 4233

III. Instructions for formulations

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

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