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ACCEPTED
OCT 01 1982
U.S. Environmental Protection Agency
For registration as a disinfectant under
EPA Reg. No. 10324-34

**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 or on skin. Wash thoroughly with water. Wear goggles, gloves and protective clothing. Wash thoroughly after use.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush the eyes with plenty of water for at least 15 minutes. Flush skin with plenty of water and wash thoroughly. Do not breathe dust.

PROMPTLY A large quantity of water should be used to flush the eyes. Flush the skin with plenty of water. Avoid contact with eyes and skin.

NOTE TO PHYSICIAN

Preparation of a safe eye wash solution. Dilute the product with distilled water. Measure 100 ml of product and dilute with 1 liter of water.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic life. Do not discharge into lakes, streams, rivers, or other bodies of water. Do not mix with sewage. Do not discharge into storm drains or waterways.

PHYSICAL OR CHEMICAL HAZARDS

None known.

DIRECTIONS FOR USE

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

See Maquat 4450-E Technical Bulletin for additional product information and recommended uses.

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

MAQUAT 4450-E

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

ACTIVE INGREDIENTS:	
Didecyl dimethyl ammonium chloride	50.0%
INERT INGREDIENTS:	50.0%
TOTAL:	100.0%

* Weight Approx. 8 lb/gal

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See left panel for additional precautionary statements.

Mason Chemical Company

"The Quaternary Specialists"
5253 WEST BELMONT AVENUE
CHICAGO, ILLINOIS 60641
312 282-0200

E.P.A. Reg. No. 10324-34
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 mixture or residue that can not be used or chemically 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 incinerator or landfill approved for pesticide containers or bury in a safe place.

4 GENERAL
Consult Federal, State or local disposal authorities for approved alternative procedures such as incineration or burial.

KEEP FROM FREEZING

Net Contents

Batch No.



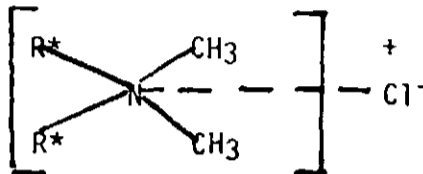
CHEMICAL COMPANY

"The Quaternary Specialist"

TECHNICAL BULLETIN

Maquat 4450 - E

ACCEPTED
OCT 01 1982
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 10324-34



Where * R is N-decyl

Didecyl dimethyl ammonium chloride

EPA Registration Number 10324 - 34

I. Statement of Ingredients

Active Ingredients:

Didecyl dimethyl ammonium chloride 50.0%

Inert Ingredients: 50.0%

Total 100.0%

II. Chemical and Physical Properties

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

B. Specific Gravity at 25 C: .918 - .938

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

D. Activity: 50 min.

E. Color APHA: 250 max.

F. Free Amine plus Amine Hydrochloride: 3.0 max.

G. Solubility: Freely soluble in water, lower alcohols, ketones and glycols

H. Compatibility: Maquat 4450 - E is cationic; and therefore its effectiveness is reduced by soap and anionic surface active agents.

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.