

ACCEPTED
 091 01 1992
 Under Federal
 Pesticide
 Law
 EPA Reg. No. 10324-31

PRECAUTIONARY STATEMENTS
DANGER
 HAZARDS TO HUMANS & DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN. CORROSIVE
STATEMENT OF PRACTICAL TREATMENT
PROMPTLY
NOTE TO PHYSICIAN
ENVIRONMENTAL HAZARDS
PHYSICAL OR CHEMICAL HAZARDS
DIRECTIONS FOR USE

MAQUAT

40-50%

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

ACTIVE INGREDIENTS:	
Octyl decyl dimethyl ammonium chloride	25.0%
Dioctyl dimethyl ammonium chloride	12.5%
D decyl dimethyl ammonium chloride	12.5%
INERT INGREDIENTS:	50.0%
TOTAL:	100.0%

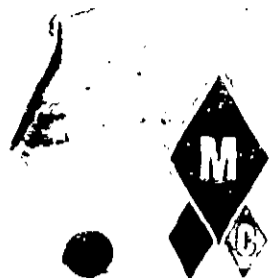
*Weight Approx. 8 lb/gal

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. 10324-31
 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 materials that are not to be used in other ways, reprocessed, should be disposed of in a manner approved for pesticides or buried in a safe place away from water supplies.
3 CONTAINER DISPOSAL
 Dispose of in an approved manner. Do not reuse containers for pesticide disposal.
4 GENERAL
 Consult Federal, State and local disposal authorities for approved alternative procedures such as incineration.

KEEP FROM FREEZING
 Not Contents
 Batch No.



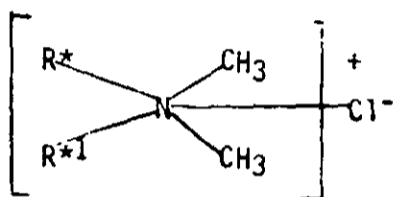
CHEMICAL COMPANY

"The Quaternary Specialists"

Technical Bulletin

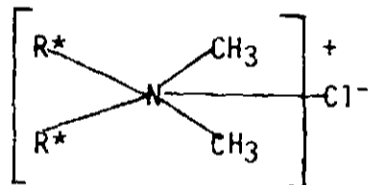
Maquat 40 - 50%

RECEIVED
OCT 01 1982
U.S. Environmental Protection Agency
Washington, D.C. 20460
EPA Reg. No. 10324-31



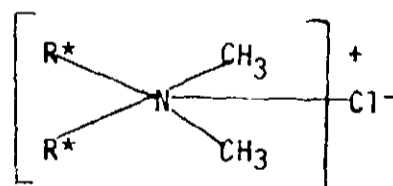
Where $R^* = N$ octyl
Where $R^{*1} = N$ decyl

Octyl decyl dimethyl ammonium chloride



Where $R^* = N$ decyl

Didecyl dimethyl ammonium chloride



Where $R^* = C_8H_{17}$

Diocetyl dimethyl ammonium chloride

EPA Registration Number 10324-31

I. Statement of Ingredients

Active Ingredients

Octyl decyl dimethyl ammonium chloride	25.0%
Didecyl dimethyl ammonium chloride	12.5%
Diocetyl dimethyl ammonium chloride	12.5%

Inert Ingredients 50.0%

Total 100.0%

II. Chemical and Physical Properties

- A. Appearance: Clear to light straw in color - liquid
- B. Specific Gravity: .925
- C. pH (10% solution in distilled water): 6 - 8
- D. Activity: 50% min.
- E. Color APHA: 375 max.
- F. Average Molecular Weight: 332
- G. Free Amine + Amine Hydrochloride: 3.0% max.
- H. Solubility: Freely soluble in water, lower alcohols, ketones and glycols
- J. Compatibility: Maquat 40 - 50% is cationic; and therefore, is incompatible with soap or anionic surfactants

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 product.