

10F2  
PM 31  
10324-35

SEP 14 1989

Mason Chemical Company  
5253 West Belmont Avenue  
Chicago, IL 60641

Attn: Marc M. Mason

Subject: Maquat 4430-E  
EPA Registration 10324-35  
Submission dated March 14, 1989

The submitted final printed labels have been placed in your product file. They have not been reviewed in accordance with the FR Notice 82-2.

If you have any questions concerning this letter, please contact Patricia Kelley at (703) 557-6562.

Sincerely,

John H. Lee  
Product Manager 31  
Antimicrobial Program Branch  
Registration Division 117505C

U.S. P.  
3-1-89

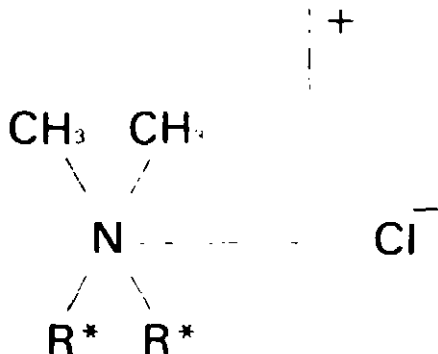
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

**"The Quaternary Specialists"**

**TECHNICAL BULLETIN**

**MAQUAT 4450-E    EPA Registration Number 10324-34**  
**MAQUAT 4480-E    EPA Registration Number 10324-35**



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

- |   |        |        |
|---|--------|--------|
| I. Statement of Ingredients:  |        |        |
| Active Ingredients  | 50%    | 80%    |
| Didecyl dimethyl ammonium chloride  | 50%    | 80%    |
| Inert Ingredients:  | 50%    | 20%    |
| Total:  | 100%   | 100%   |
| II. Chemical and Physical Properties:   | 50%    | 80%    |
| A. Appearance: A clear to light straw in color - liquid.  |        |        |
| B. pH (10% solution in distilled water): 6.0-8.0  |        |        |
| C. Color (APHA)   | 250max | 325max |
| D. Average Molecular Weight: 361  |        |        |
| E. Solubility: Freely soluble in water, lower alcohols, ketones and glycols   |        |        |
| F. Compatibility: Maquat 4450-E and 4480-E is cationic and therefore is incompatible with soap and anionic surfactants. It is compatible with nonionics and other cationics.  |        |        |
| G. Corrosion: At use dilution - is non corrosive to most plastics, natural rubber and monel metal. Corrosive to iron, bronze, brass, 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. |        |        |
| IV. Germicidal data available on request.   |        |        |
| V. MSDS and toxicity studies on request.  |        |        |

**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.