

concentrated germicide

ACTIVE INGREDIENTS

STATEMENT OF PRACTICAL TREATMENT

PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

PRECAUTIONARY STATEMENTS

ENVIRONMENTAL HAZARDS

Journal of Management Inquiry 18(4)

PHYSICAL AND CHEMICAL HAZARDS

PMH 221, 2004, 100–101.

STORAGE AND DISPOSAL

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DECEMBER 1960

PESTICIDE DISPOSAL

CONTAINER DISPOSAL

CONTAINER DISPOSAL

INSTRUCTIONS FOR FORMULATION

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EPA Reg. No. 302-1-1-A (Rev. 10-3-79)



Huntington HI 48750 • Leesdale PA 19446 • Ozone TE 75217 • Oxnard LA 94804

I. INGREDIENT STATEMENT

Active Ingredients:

didecyl dimethyl ammonium chloride.	30.0%
n-alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	20.0%
Inert Ingredients	50.0%
Total	100.0%

II. CHEMICAL AND PHYSICAL PROPERTIES

- A. Appearance: A clear straw to light amber liquid with a mild odor. Crystallization may occur after prolonged storage at low temperatures, but will return to its homogeneous liquid state upon warming.
- B. Specific Gravity @ 25°C: 0.925 - 0.945
- C. pH (10% solution in distilled water): 6.0 - 8.0
- D. Activity: 50% min.
- E. Color (Gardner): 3 max.
- F. Average Molecular Weight: 360.5
- G. Amine Hydrochloride: 2.10% max.
- H. Free Amine plus Amine Hydrochloride: 2.40% max.
- I. Flash Point (TCC Method): 114°F.
- J. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- K. Compatibility: FHB 1210-5 Quat is compatible with inorganic detergent builders, organic chelates, nonionic surfactants and most polar solvents. FHB 1210-5 Quat is cationic; and therefore, is incompatible with soap or anionic surfactants.

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