

# Huntington™

BEST DOCUMENT AVAILABLE

## FMB 65-15 QUAT concentrated germicide

FOR FORMULATION OF SWIMMING POOL ALGAEKILLERS AND MILDEWICIDES.

ACTIVE INGREDIENT	
n-Alkyl (C14 60%, C12 26%, C10 15%) dimethyl benzyl ammonium chloride	50.0%
INERT INGREDIENTS	50.0%
Total	100.0%

### DANGER: KEEP OUT OF REACH OF CHILDREN

#### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink promptly a large quantity of milk, egg whites, gastric solution, or juice are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. Do not get in eyes or on skin. Wash contaminated clothing before reuse. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful if swallowed. Avoid contamination of food.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

##### PHYSICAL AND CHEMICAL HAZARDS

FMB 65-15 is a caustic germicide. Do not mix with soap or other materials. Do not use or store near heat or open flame.

### STORAGE AND DISPOSAL

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

### PESTICIDE DISPOSAL

Pesticide, spray mixture, or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supply.

### CONTAINER DISPOSAL

Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult federal, state, or local authorities for approved alternative procedures such as incineration or burning.

#### INSTRUCTIONS FOR FORMULATION

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. Refer to technical bulletin on FMB 65 Quats for formulation and other information.

EPA REG. NO. 47371-50

EPA EST. NO. 47371 IN 01

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HAS CHEMICALS DIVISION

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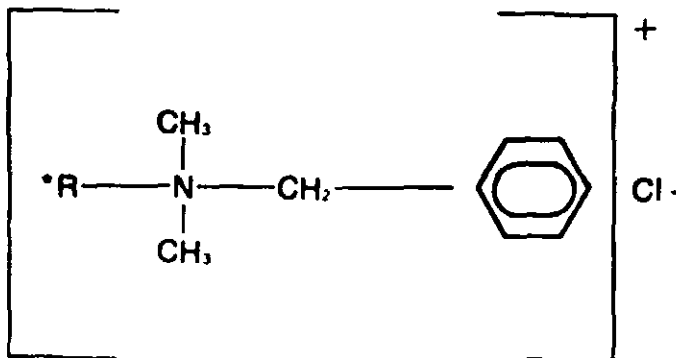
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# FMB 65-15 QUAT

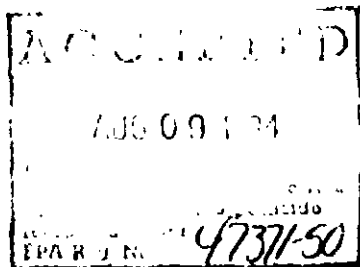
concentrated germicide



n-Alkyl \* (C<sub>14</sub> 60%, C<sub>12</sub> 25%, C<sub>16</sub> 15%)  
dimethyl benzyl ammonium chloride

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# FMB 65-15 QUAT

concentrated germicide

## I. INGREDIENT STATEMENT

### Active Ingredients:

n-Alkyl\* (C<sub>14</sub> 60%, C<sub>12</sub> 25%, C<sub>16</sub> 15%) dimethyl benzyl ammonium chloride . . . . . 50.0%

Inert Ingredients . . . . . 50.0%

Total 100.0%

## II. CHEMICAL AND PHYSICAL PROPERTIES

- A. Appearance: An almost white to pale yellow liquid with a mild odor. Congealing may occur during prolonged storage at low temperatures; product will return to homogeneous state upon warming to room temperature.
- B. Specific Gravity at 25°C: 0.934 - 0.954
- C. pH (10% solution in distilled water): 6.0 - 8.0
- D. Activity: 50% min.
- E. Average Molecular Weight: 364.7
- F. Amine Hydrochloride: 1.25% max.
- G. Free Amine plus Amine Hydrochloride: 1.5% max.
- H. Flash Point (TCC): 114°F.
- I. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- J. Compatibility: FMB 65-15 Quat is compatible with inorganic detergent builders, organic chelates, nonionic surface active agents and most polar solvents. FMB 65-15 Quat is cationic; and therefore, is incompatible with soap and anionic surface active agents.

## III. ACUTE TOXICITY TEST RESULTS

- A. EYE IRRITATION corrosive irritant
- B. PRIMARY SKIN IRRITATION severe, corrosive irritant
- C. ORAL LD<sub>50</sub> 0.63 ML/KG
- D. DERMAL LD<sub>50</sub> 3.0 ML/KG

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