

# Huntington

## FMB 65-15 QUAT

concentrated germicide

FOR FORMULATION OF SWIMMING POOL ALGALICIDES AND MILDEWICIDES

### ACTIVE INGREDIENTS:

n-Alkyl (C14 60%, C12 25%, C16 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, gelatin solution, or if these 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 the concentrate. Harmful or fatal if swallowed. Avoid contamination of food.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply in marine and/or estuarine or fields. 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 cationic germicide. Do not mix with soap or anionic 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 supplies.

### 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 limited open 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 of their formulated products. Refer to technical bulletin on FMB 65 Quats for instructions for formulation and other information.

EPA Reg No 47371-50

EPA Est No 47371-IN-01

HS-I

H&S CHEMICALS DIVISION

870 EAST TIPTON, HUNTINGTON, IN 46750

219/366-8100

ACCEPTED  
FOR FORMULATION  
BY EPA

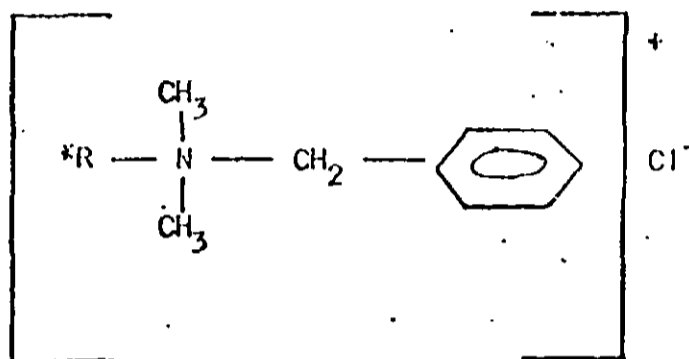
EPA Reg. No.  
47371-50

BEST DOCUMENT AVAILABLE

### FMB 65-15 QUAT

concentrated germicide

EPA Chemical Reference Number: 47371-50



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

EPA Registration Number 47371-50

ACCEPTED  
MAY 19 1977

EPA Reg. No.  
47371-50

BEST DOCUMENT AVAILABLE

# FMB 65-15 QUAT

concentrated germicide

## I. INGREDIENT STATEMENT

### Active Ingredients:

n-Alkyl (C14 60%, C12 25%, C16 15%) dimethyl benzyl ammonium chloride . . . . .	50.0%
ethanol . . . . .	10.0%
Inert Ingredients . . . . .	40.0%
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.

BEST DOCUMENT AVAILABLE

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 5(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

*JH*  
*lee*

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (PS-707)

Enclosure

43