



Huntington

FMB 65-28 QUAT concentrated germicide

For formulating swimming pool algicides and midwicides

ACTIVE INGREDIENTS:

n-Alkyl (C₁₄ 60%, C₁₂ 25%, C₁₆ 15%) dimethyl
benzyl ammonium chloride

80.0%

INERT INGREDIENTS:

20.0%

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

Do not use or store near heat or open flame. FMB 65-28 is a cationic germicide. Do not mix with soap or anionic materials.

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 rinse 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 for their formulated products. Refer to technical bulletin on FMB 65 Quats for formulation and other information.

E.P.A. Reg. No. 47371-51

E.P.A. Est. No. 47371-W-01

H51

H&S CHEMICALS DIVISION

970 EAST TIPTON, HUNTINGTON, IN 48750

218/356-816J

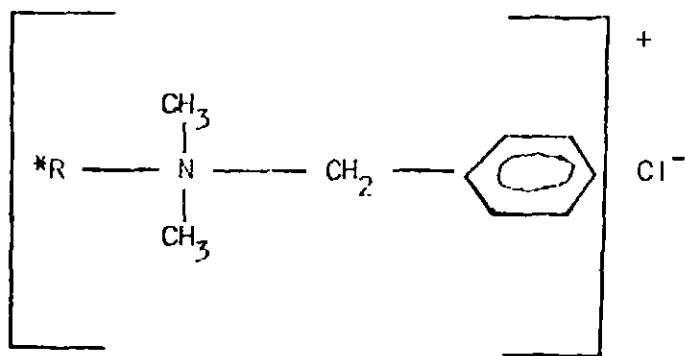
ACCEPTED
with COMMENTS
by EPA Region 5
EPA Region 5
47371-51

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FMB 65-23 QUAT

concentrated germicide

EPA Chemical Reference Number: 69137



n-Alkyl *(C₁₄ 60%, C₁₂ 25%, C₁₆ 15%)
dimethyl benzyl ammonium chloride

EPA Registration Number 47371-51

47371-51

FMB 65-28 QUAT

concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredients:

n-Alkyl (C ₁₄ 60%, C ₁₂ 25%, C ₁₆ 15%) dimethyl benzyl ammonium chloride	80.0%
ethanol	12.5%
Inert Ingredients	7.5%
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 at 25°C: 0.886 (7.38 lbs./gal.)
- C. pH (10% solution in distilled water): 6.3 - 8.3
- D. Activity: 80% min.
- E. Average Molecular Weight: 364.7
- F. Amine Hydrochloride: 1.25% max.
- G. Free Amine plus Amine Hydrochloride: 1.5% max.
- H. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- I. Compatibility: FMB 65-28 Quat is compatible with inorganic detergent builders, organic chelates, nonionic surfactants and most polar solvents. FMB 65-28 Quat is cationic; and therefore, is incompatible with soap or anionic surfactants.

65-28
FMB

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records

hcs
hcs
John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767)

Enclosure