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ACCEPTED
AUG 09 1984
EPA Reg. No. 47371-51

Huntington™

FMB 65-28 QUAT concentrated germicide

For formulating swimming pool disinfectants and disinfectants.

ACTIVE INGREDIENTS:	
n-Alkyl (C14 60%, C12 25%, C10 15%) dimethyl benzyl ammonium chloride	80.0%
INERT INGREDIENTS:	20.0%
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. Wash thoroughly with soap and water after handling. Avoid breathing dust or mist.

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 caustic 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 residue, 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 for their formulated products. Refer to technical bulletin on FMB 65-28 Quat for formulation and other information.

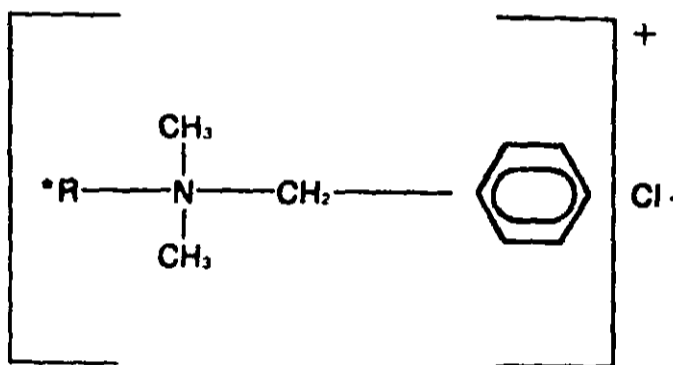
EPA REG. NO. 47371-51 EPA EST. NO. 47371-IN-01
H&S CHEMICALS DIVISION
878 E. TIPTON ST., HUNTINGTON, IN 46768 219/368-8100

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BEST DOCUMENT AVAILABLE

FMB 65-28 QUAT

concentrated germicide

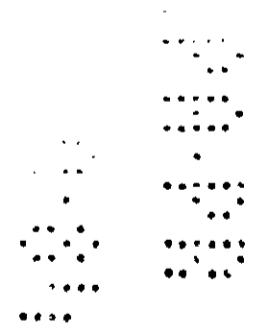


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AUG 09 1984
U.S. DEPARTMENT OF AGRICULTURE
FEDERAL AGENCY FOR TOXIC SUBSTANCES CONTROL
ACCEPTED UNDER FEDERAL PESTICIDE ACT
EPA Reg. No. 47371-51

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

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FMB 65-28 QUAT

concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredients:	
n-Alkyl *(C ₁₄ 60%, C ₁₂ 25%, C ₁₀ 15%) dimethyl benzyl ammonium chloride	80.0%
Inert ingredients	<u>20.0%</u>
	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: 1.25% 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.

III. ACUTE TOXICITY TEST RESULTS

- A. EYE IRRITATION: CORROSIVE IRRITATION
- B. PRIMARY SKIN IRRITATION: SEVERE, CORROSIVE IRRITATION
- C. ORAL LD₅₀: 0.63 ML/KG
- D. DERMAL LD₅₀: 30 ML/KG

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