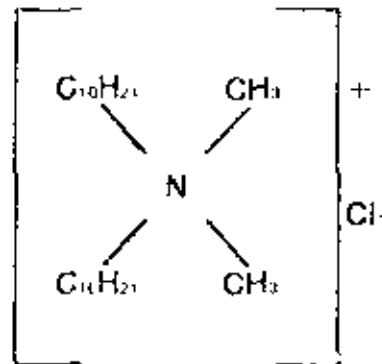


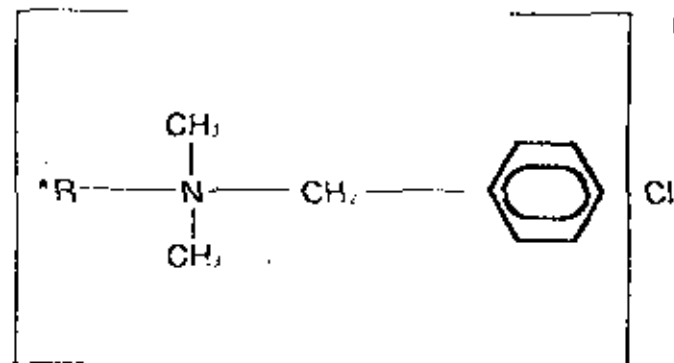
FMB 1210-8 QUAT

concentrated germicide



didecyl dimethyl ammonium chloride

1210-8
FMB 1210-8
47371-42



n-Alkyl * (C₁₄ 50%, C₁₂ 40%, C₁₀ 10%)
dimethyl benzyl ammonium chloride

EPA Registration Number 47371-42

H&S-II

FMB 1210-8 QUAT

concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredients:	
didecyl dimethyl ammonium chloride	48.0%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	32.0%
Inert Ingredients	20.0%
	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 at 25°C: 0.8842 - 0.8862
- C. pH (10% solution in distilled water): 6.0 - 8.0
- D. Activity: 80% 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): 94°F.
- J. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- K. Compatibility: FMB 1210-B Quat is compatible with inorganic detergent builders, organic chelates, non-ionic surfactants and most polar solvents. FMB 1210-B Quat is cationic and therefore, is incompatible with soap or anionic surfactants.

FMB 1210-8 QUAT

concentrated germicide

FOR FORMULATING DISINFECTANTS, SANITIZERS, FUNGICIDES, WATER TREATMENT MICROCICIDES, SWIMMING POOL ALGAEKILLERS, OIL FIELD WATER FLOOD, SALT WATER DISPOSAL PRODUCTS AND MILDEWICIDES

ACTIVE INGREDIENTS	
1,4-bis(4-chlorophenyl)quaternary ammonium chloride (C16 10%)	52.0%
1,4-bis(4-chlorophenyl)quaternary ammonium chloride	48.0%
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, or other non-alcoholic liquid. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIANS: Fatal pulmonary damage may occur. Administer the use of gastric lavage. Measures against respiratory 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 of bays. 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 1210-8 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 use to contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers.

PESTICIDE DISPOSAL

Pesticide spray mixture or residue that cannot be used or chemically reprocessed should be disposed 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

Formulators using this product are responsible for EPA registration of their formulated products. Refer to Technical Bulletin on FMB 1210-8 Quat for instructions on formulation and other information.

EPA Reg. No. 49721 EPA Est. No. 4-7571-1A-01

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HEALTH, CHEMICALS, DIVISION
Washington, D.C. 20460

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- a. Revise the statement "Manufacturers using this product agree" to read "Manufacturers using this product are responsible for providing data to EPA to ensure the registration of their formulated products."
- b. Insert the word "and" in the following sentence and renumber in subsequent sentences.
"I give the benefit of General and Specific Disposal, in accordance with the attached comments."

3. Place five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-74 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. 16(a). Your release for shipment of the product constitutes acceptance of these conditions.

A signed copy of this label is enclosed for your records.

John D. [Signature]

Product Manager (31)
Disinfectants Branch
Registration Division (27-767)

Enclosure