

Huntington T.M.



Chemicals Division

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 10 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

47371-61

FMB 1210-100 QUAT concentrated germicide

FOR FORMULATING DISINFECTANTS, SANITIZERS, FUNGICIDES, AND WATER TREATMENT MICROBICIDES.

ACTIVE INGREDIENTS:
hexyl(C14 50%), C12 40% C16 10%) dimethyl benzyl ammonium chloride dihydrate 40.0%
dodecyl dimethyl ammonium chloride dihydrate 60.0%

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 plenty of water and do not eat or drink. If inhaled, get into fresh air. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIANS: For information and emergency instructions indicate the use of gastric lavage. Measure against circulatory shock, respiratory depression, and convulsions may be needed.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. If it gets into your eyes, wash them out immediately. If it gets on your skin, wash it off immediately. Wash your hands thoroughly after handling the concentrate. Harmful or fatal if swallowed. Avoid contact with food.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not dump or pour into streams, rivers, lakes, ponds, or other bodies of water. Do not dump or pour into the ground. Do not dump or pour into the air. Do not dump or pour into the water supply.

PHYSICAL AND CHEMICAL HAZARDS

FMB 1210-100 is a caustic germicide. Do not mix with soap or other germicides.

STORAGE AND DISPOSAL

This product must be kept in a secure container to make it inaccessible to children or persons unfamiliar with its proper use. Do not store in the same container as food or feed by itself. Do not dump or pour. Do not reuse empty containers.

PESTICIDE DISPOSAL

Pesticide spray mixture or concentrate that cannot be used or chemically recycled should be disposed in a landfill approved for pesticides. Do not dump or pour into the water supply.

CONTAINER DISPOSAL

Triple-rinse and recycle or dump in an approved landfill. Do not dump or pour into the water supply. Do not dump or pour into the air. Do not dump or pour into the ground. Do not dump or pour into the water supply.

INSTRUCTIONS FOR FORMULATION

Formulators using this product are responsible for EPA registration of their formulated products. Refer to Technical Information FMB 1210-100 for instructions, precautions, and other information.

EPA Reg. No. 47371-C1 EPA No. 47371-01

HL-10122

HSC Chemicals Co., 1970 E. Tenth St., Elkhart, IN 46517

ML-1

COPIES AVAILABLE

Huntington T.M.

Chemicals Division

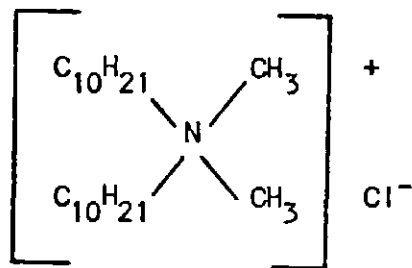
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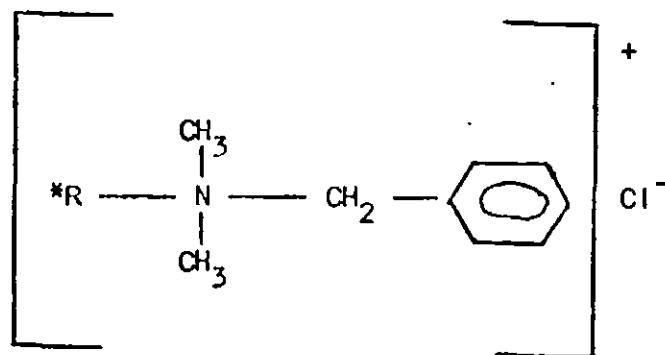
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didecyl dimethyl ammonium chloride dihydrate



n-Alkyl *(C₁₄ 50%, C₁₂ 40%, C₁₆ 10%)

dimethyl benzyl ammonium chloride dihydrate

EPA Registration Number 47371-61

H&S CHEMICALS DIVISION
Huntington, IN 46750

FMB 1210-100 QUAT

concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredients:

didecyl dimethyl ammonium chloride dihydrate . . .	60.0%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride dihydrate	40.0%
Total	<u>100.0%</u>

II. CHEMICAL AND PHYSICAL PROPERTIES

- A. Appearance: A white granular powder.
- B. pH (10% solution in distilled water): 6.0 - 8.0
- C. Activity: 95% - 100% min.
- D. Color (Gardner): 3 max.
- E. Average Molecular Weight: 360.5
- F. Amine Hydrochloride: 2.10% max.
- G. Free Amine plus Amine Hydrochloride: 5.00% max.
- H. Flash Point (TCC Method): None
- I. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- J. Compatibility: FMB 1210-100 Quat is compatible with inorganic detergent builders, organic chelates, nonionic surfactants and most polar solvents. FMB 1210-100 Quat is cationic; and therefore, is incompatible with soap or anionic surfactants.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	JAN 10 1983
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This receipt is complete for all purposes under the FIFRA Act, (7)(1)(D) provided the registrant:</p> <ol style="list-style-type: none"> 1. Adhere to you will all state and federal laws, regulations/registrations of your product under FIFRA Act, (7)(1)(D) and all laws, regulations, and orders of similar effect, to submit such data. 2. Make the labeling changes listed below before the release of the product or shipment: <ol style="list-style-type: none"> a. Add to the label: "EPA Registration No. 101-1." b. Add to the label: "Product data, year of manufacture only, (7)(1)(D) and (7)(1)(E) of the company's website." <p>Signature: _____ Title: _____ Date: _____</p>		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		DATE
SIGNATURE OF APPROVING OFFICIAL		DATE

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.

James H. Buck
for

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (FS-767C)

Enclosures