



H&S Chemicals Division

FMB 210-8 QUAT

concentrated germicide

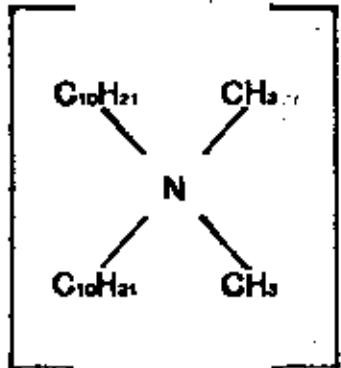
EPA Chemical Reference Number: 69149

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 04 1982

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

47371-47



didodecyl dimethyl ammonium chloride

EPA Registration Number 47371-47

HS-II

970 East Tipton, Huntington, Indiana 46750 219/356-8100

BEST DOCUMENT AVAILABLE

FMB 210-8 QU

concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredients:	
didodecyl dimethyl ammonium chloride.....	80.0%
ethanol.....	12.5%
Inert Ingredients.....	7.5%
Total	100.0%

II. CHEMICAL AND PHYSICAL PROPERTIES

- A. Appearance: A colorless to pale yellow liquid with a mild solvent 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: 0.8842 - 0.8862
- C. pH (10% solution in distilled water): 8.0 - 8.0
- D. Activity: 80% min.
- E. Color (Gardner): 3 max.
- F. Average molecular weight: 361
- G. Amine Hydrochloride: 2.75% max.
- H. Free amine plus Amine Hydrochloride: 3.0% max.
- I. Solubility: Freshly soluble in water, lower alcohols, ketones, and glycols.
- J. Flash Point (TCC Method): 94°F.
- K. Compatibility: FMB 210-8 Quat is compatible with detergent builders, organic chelates, nonionic surface active agents, and most polar solvents. FMB 210-8 Quat is cationic; and therefore, its effectiveness is reduced by soap and anionic surface active agents.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (RPE-367) WASHINGTON, D.C. 20460		EPA REGISTRATION NO. 47371-47	DATE OF ISSUANCE 04 OCT 1982
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		TERM OF ISSUANCE	
		NAME OF PESTICIDE PRODUCT	
		FMB 210-8 Quat Concentrated Germicide	
NAME AND ADDRESS OF REGISTRANT (Include EPA code)			
<p>H & H Chemicals Division 970 East Tipton Street Huntington, IN 46750</p>			
<p>NOTE: Changes in labeling formulae 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 endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, at his option, 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 coined by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec.</p> <p>3(a)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 47371-47." b. The ingredient statement on the bulletin should be the same as on the label. c. Delete "the concentrate" in the statement "Wear goggles or face shield xxx." d. Add the statement "Wash thoroughly with soap and water after handling" immediately after the statement "Wear goggles or xxx." e. The reference statement was omitted. Add a statement somewhat as "Refer to Technical Bulletin FMB 210-8 Quat for additional information." after the statement "Formulators using this product xxx." <p><input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE</p>			
SIGNATURE OF APPROVING OFFICIAL		DATE	

47371-47

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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. Banks

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

Enclosure