



# FMB 210-15 QUAT

concentrated germicide

## I. INGREDIENT STATEMENT

Active Ingredients:	
didecyl dimethyl ammonium chloride. ....	50.0%
Inert Ingredients. ....	50.0%
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: 0.918 - 0.938
- C. pH (10% solution in distilled water): 6.0 - 8.0
- D. Activity: 50% 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. Flash Point (TCC): 114° F.
- J. Solubility: Freely soluble in water, lower alcohols, ketones, and glycols.
- K. Compatibility: FMB 210-15 Quat is compatible with detergent builders, organic chelates, nonionic surface active agents, and most polar solvents. FMB 210-15 Quat is cationic; and therefore, its effectiveness is reduced by soap and anionic surface active agents.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 05 1983

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

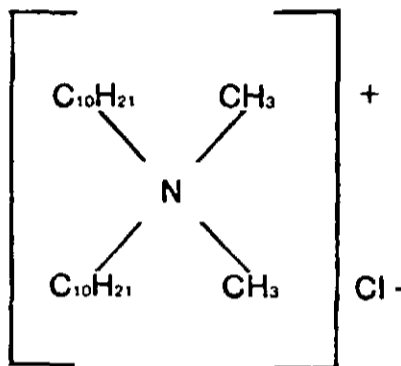
47371-23



# FMB 210-15 QUAT

concentrated germicide

EPA Chemical Reference Number: 69149



didecyl dimethyl ammonium chloride

EPA Registration Number 47371-23

HS-II

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

05 AUG 1983

Environmental Division  
 570 E. Lipton Street  
 Burlington, VT 05405

Attention: Mr. Richard L. Clerts

Re: (en)

Subject: EPA 210-15  
 EPA Registration No. 41271-5  
 FPM 210-25  
 EPA Registration No. 41271-7  
 FPM 210-6  
 EPA Registration No. 41271-7

The technical data sheets submitted in connection with registration under FIFRA are acceptable, provided that you:

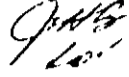
1. Make the labeling changes listed below before you release the product for shipment to the general public.
  - a. Delete the (E) in active ingredients section.
  - b. Delete the word "inert" in the active ingredients section.
  - c. Delete the word "inert" in the active ingredients section.
  - d. Delete the word "inert" in the active ingredients section.
  - e. Delete the word "inert" in the active ingredients section.
2. Submit the (E) copies of your registration documents to us before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 7(c). Your release for shipment of the product bearing the above labeling constitutes acceptance of these conditions.

		CONCURRENCES					
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

Stamped copies of the tech. data sheets are enclosed for your records.

Sincerely yours,



John L. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (E-767C)

Enclosure

DIS:J Lee:DCR-16390:WANG-0059C:LN:Raven:479-2013:7/22/83