

Huntington

H&S Chemicals Division

FMB 28-28 QUAT

concentrated germicide

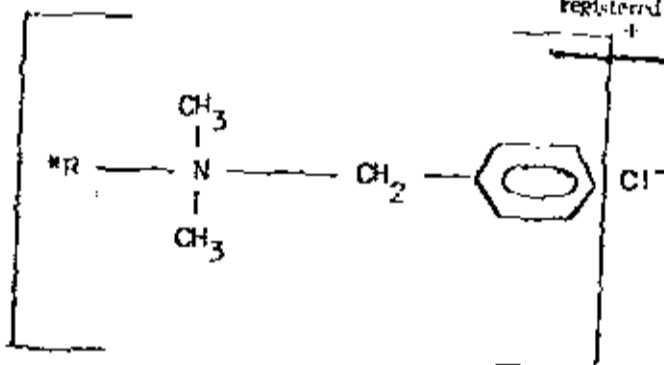
EPA Chemical Reference Number: 069141

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 1962

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

47371-62



Alkyl *(C₁₄ 58%, C₁₆ 28%, C₁₂ 14%)
dimethyl benzyl ammonium chloride

EPA Registration Number 47371-62

970 East Tipton, Huntington, Indiana 48750 219/358-8100

FMB 28-28 QUAT

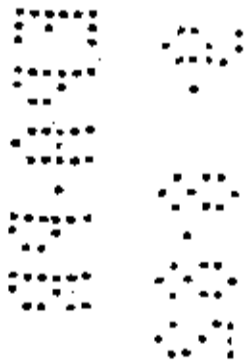
concentrated germicide

I. INGREDIENT STATEMENT

Active Ingredient	
Alkyl (C14 58%, C16 28% C12 14%) dimethyl benzyl ammonium chloride	80.0%
Inert Ingredients	20.0%
Total	100.0%

II. CHEMICAL AND PHYSICAL PROPERTIES

- A. Appearance: An almost white to pale yellow liquid with a mild 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: 0.927 (7.73 lbs./gal.)
- C. pH (10% solution in distilled water): 7.0 - 8.0
- D. Activity: 80% min.
- E. Average Molecular Weight: 371.4
- F. Amine Hydrochloride: 1.25% max.
- G. Free Amine plus Amine Hydrochloride: 1.5% max.
- H. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- I. Compatibility: FMB 28-28 Quat is compatible with inorganic detergent builders, organic chelates, nonionic surface active agents and most polar solvents. FMB 28-28 Quat is cationic; and therefore, is incompatible with soap and anionic surface active agents.



U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-347) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	47371-62	04 OCT 1982
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> RENEWAL (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
FMB 28-28 Quat Concentrated Germicide		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
H & S Chemicals Division 970 East Tipton Street Huntington, IN 46750		
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.		
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.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
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, 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.		
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
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:		
a. Add the phrase "EPA Registration No. 47371-62."		
b. Delete "the concentrate" in the statement "Wear goggles or face shield xxx."		
c. Include the statement "Wash thoroughly with soap and water after handling" immediately after "Wear goggles or face shield xxx."		
d. Revise the statement "Refer to FMB 28-28 Technical Bulletin" to read "Refer to FMB 28-28 Technical Bulletin for additional information."		
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.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

47371-6V

-2-

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
for

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

Enclosure