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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 03 1989

Arrow Chemical Products, Inc.  
2057 St. Anne  
Detroit, MI 48216

Attention: Thaddeus E. Wlodarski

Gentlemen:

Subject: Quaternary Disinfectant Cleaner  
EPA Registration No. 5747-20  
Your Application Dated December 2, 1987  
EPA Received Date December 9, 1987

The Agency is in receipt of your submission dated December 2, 1987 and found it to be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Revise the "Use Directions" to read "Directions for Use."
2. Delete the word "sanitizing" from the "Directions for Use" section.
3. Delete the phenolic coefficients from the label.
4. Delete Sodium Metasilicate Anhydrous and Tetrasodium ethylenediamine tetraacetate from the active ingredients list. Adjust your percentages accordingly.
5. Place the statement "Keep Out of Reach of Children" directly above the signal word "Danger."
6. Delete the word "milk."
7. Delete the word "Danger" from the right hand panel.
8. Revise the "First Aid" heading to read "Statement of Practical Treatment."

54764:I:Leavy:LL-1:KENCO:6/20/89:8/2/89:dg:gj:vo:rw

CONCURRENCES

| SYMBOL | DATE | INITIALS | DATE | INITIALS | DATE | INITIALS | DATE | INITIALS |
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9. Include a "Note To Physician" section to read:

Probable mucosal damage may contraindicate use  
of gastric lavage.

Your release for shipment of the product bearing the amended labeling  
constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact  
Karen Leavy at (703) 557-3966.

Sincerely yours,



John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

**USE DIRECTIONS:**

For light duty cleaning, sanitizing and deodorizing, use 2 ounces per gallon.

For heavy duty cleaning and disinfecting and fungicidal activity against pathogenic fungi, use 4.5 ounces per gallon.

For best results, use with a cloth or mop and apply to walls, floors and other hard surfaces.

For heavy soil or organic matter, a pre-cleaning step is recommended.

**NO RINSE REQUIRED**

For extra heavy industrial cleaning and sanitizing, use a second application.

Do not mix with soap or anionic solutions.

It is non-corrosive in use dilutions on inanimate hard surfaces.

Rinse empty container thoroughly with water and discard.

NO. 252

NET CONTENTS ONE GALLON / 3.79 liters

ACCEPTED  
FEDERAL GOVERNMENT  
IN THE DISTRICT OF COLUMBIA

JUL 23 1980

5747-20

# QUATERNARY DISINFECTANT CLEANER

CLEANER

DISINFECTANT

DEODORIZER

FUNGICIDE

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C<sub>12</sub>, 30% C<sub>14</sub>, 5% C<sub>16</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides . . . . 0.8%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium chlorides 0.8%

**INERT INGREDIENTS:** . . . . . 100.0%

E.P.A EST. NO. 5747-MI-1  
E.P.A. NO. 5747-20

**DANGER**

Keep Out of Reach of Children. See right side panel for additional precautionary statements.

Manufactured by

Arrow Chemical Products, Inc., Detroit, MI 48215

A heavy duty cleaner for general purpose cleaning and sanitizing used as directed. It removes dirt and grime in accordance with the directions shown on the label. Not recommended for use on surfaces.

Keep Out of Reach of Children. See right side panel for additional precautionary statements. 78.40%

**FIRST AID**  
In case of contact with skin with plenty of water. For eyes, call a physician. For ingestion, call a physician. For inhalation, call a physician. If swallowed, avoid food and drink. If these are not available, call a physician.