

PM31 3640-85 1/1
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MARK E™

Highly Concentrated Germicide Based on a Unique Blend of Quaternaries
With Organic Soil Load Tolerance

**CLEANER • DISINFECTANT • DEODORIZER
FUNGICIDE • VIRUCIDE* • SANITIZER**
for HOSPITAL and INSTITUTIONAL USE

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Dioctyl Dimethyl Ammonium Chloride	1.875%
Diethyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C14, 50%; C12, 40%; C16, 10%)	
Dimethyl Benzyl Ammonium Chloride	5.000%
INERT INGREDIENTS	87.5000%
	Total: 100.000%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

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. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by:

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. MARK E is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination from environmental surfaces.

When used as directed, MARK E will deodorize toilet areas, behind and under sinks and counters, garbage cans, garbage storage areas, and other places where bacterial growth can cause maodors. Prevents odors caused by mold and mildew.

MARK E is economical to use because it is highly concentrated. Handle with care.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL

Pesticide spray mixture or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL

Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

EPA Registration No. 3640-85

EPA Est. No. 3640-WI-1

NET CONTENTS: 1 GALLON (3.78 LITERS)

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

MARK E is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply MARK E to walls, floors and other hard (nonporous) nonporous surfaces such as tables, chairs, commodes, sinks and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

DISINFECTING — To disinfect hard, nonporous surfaces, add 1/2 ounce per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use level, MARK E is also virucidal and fungicidal.

SANITIZING — To sanitize porous or nonporous, nonfood contact surfaces, add 1/4 ounce per gallon of water.

1/2 ounce per gallon **USE LEVEL.** The broad spectrum activity of MARK E has been evaluated in the presence of 5% serum and found to be effective against the following by the AOAC Use Dilution Test:

- *Pseudomonas aeruginosa*
- *Staphylococcus aureus*
- *Salmonella enteritidis*
- *Escherichia coli*
- *Klebsiella pneumoniae*
- *Enterobacter aerogenes*
- *Salmonella schenckii*
- *Streptococcus faecalis*
- *Shigella dysenteriae*
- *Brevibacterium amstelredamense*

AOAC FUNGICIDAL TEST

MARK E is effective against *Trichomyces menthae* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc.

VIRUCIDAL PERFORMANCE

• At 1/2 ounce per gallon use level, MARK E was evaluated in the presence of 10% serum and found to be effective against the following viruses: herpes Simplex (a member of the virus family that causes infectious mononucleosis); vaccine (representative of the pox viruses); and Influenza A2 (the Hong Kong flu virus) on nonporous environmental surfaces.

SANITIZING — Nonfood contact surfaces (such as floors, walls, tables, etc.). At 1/4 ounce per gallon use level, 30 second contact time, MARK E is an effective sanitizing agent in waters of up to 500 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on porous and nonporous environmental surfaces.



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Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.