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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

<b>ACTIVE INGREDIENTS</b>	
Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Dodecyl Dimethyl Ammonium Chloride	1.875%
Dioctyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C14, 50%; C12, 40%; C10, 10%)	
Dimethyl Benzyl Ammonium Chloride	5.000%

**INERT INGREDIENTS** ..... 84.880% 87,500  
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

## For Sale For Use And Storage By Maintenance Personnel Only

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 and garbage storage areas, and other places where bacterial growth can cause odors. Prevents odors caused by mold and mildew.

This product is economical to use because it is highly concentrated and should be handled 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 disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

#### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL

**Triple rinse (or equivalent).** Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**Metal Container:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

EPA Registration No. 3640-85

EPA Est. No. 3640-NI-1

NET CONTENTS: 1 GALLON

Manufactured by:



STEARNS CHEMICAL CORPORATION  
1400 BUNNELL AVENUE  
MARTIN, MISSISSIPPI 39201

Revised 7-7-87

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#### Directions For Use

#### GENERAL CLASSIFICATION

Use a solution of Federal Law to use this product in a manner inconsistent with the label.

MARK E is a highly concentrated disinfectant-sanitizer-germicide-virucide in the presence of moderate amounts of organic soil.

Apply MARK E to walls, floors and other hard (non-porous) non-porous surfaces such as tables, chairs, countertops, 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 contamination becomes visible dirty.

**DISINFECTANT** — To disinfect hard, non-porous surfaces, add 1/2 oz. 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 non-porous, non-food contact surfaces, add 1/4 oz. per gallon of water.

1/2 oz. 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 ADAC Use-Dilution Test.

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella subunitarum
- Streptococcus faecalis
- Shigella dysenteriae
- Brucella abortus

#### ADAC FUNGICIDAL TEST

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

**Mildewstatic Performance.** At 1/2 oz./gallon, LONZA FORMULATION 70-12 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

#### VIRUCIDAL PERFORMANCE

At 1/2 oz. per gallon use-level, MARK E was evaluated in the presence of 5% serum and found to be effective against the following viruses: Herpes Simplex (a member of the virus family that causes infectious mononucleosis), Vaccinia (representative of the pox viruses), and Influenza A2 (the Hong Kong flu virus) on non-porous environmental surfaces.

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