

Bio-Magic Rinse GPN

CONCENTRATED LIQUID FABRIC SOFTENER/SANITIZER

ACCEPTED

2-10-72

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PESTICIDE REGISTERED
ED UNDER NO. 7048-7

EPA REG. NO. 7048-7

Provides Self-Sanitizing Activity on Treated Fabrics

DIRECTIONS

Use 2 oz. per 100 lbs. of fabric in the final rinse after sour. For best results dilute dosage in 1-2 gallons of water and then add to final rinse.

Bio-Magic Rinse GPN is a special treatment to be used as an adjunct to standard laundering routine. It is not intended as a terminal disinfectant for fabric or hard surfaces at the concentrations recommended.

Do not reuse empty drum. Return to drum reconditioner or rinse well with soap solution and discard. Do not contaminate water by disposal of waste.

WHEN USED AS DIRECTED

Bio-Magic Rinse GPN imparts a self-sanitizing residual to the fabric that reduces the number of *Staph* and *E. coli* in the presence of moisture or high relative humidity.

Bio-Magic Rinse GPN imparts a bacteriostatic residual to the fabric that will inhibit the growth of antibiotic resistant *Staph* and enteric coliform organisms in the presence of moisture or high relative humidity.

Bio-Magic Rinse GPN helps reduce the danger of cross infection due to contaminated linen.

Bio-Magic Rinse GPN inhibits the growth of bacteria which produce ammonia in diapers.

Bio-Magic Rinse GPN provides softener which aids extraction, provides wet lubricity, improves ironing, and gives excellent hand to finished linen.

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.

FIRST AID

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, respiratory depression, and convulsion may be needed.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	11.0%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides	11.0%

INERT INGREDIENTS:	78.0%
	100.0%

EDMAR CHEMICAL COMPANY

3939 VALLEY ROAD • CLEVELAND, OHIO 44109

NET WEIGHT

LBS.

ACCEPTED

NOV 14 1973
REGISTERED FEDERAL INSECTICIDE
FUNGICIDE AND MITICIDE ACT
FOR ECONOMIC PEST CONTROL
ED UNDER NO. 7048-B
TO ATTACHED

ENDEW is based on a highly-active Twin-Chain quaternary ammonium compound. It prevents musty odors and discolorization on all fabrics due to molds, mildew, and fungi. At the same time, ENDEW will sanitize the fabric and impart a residual self-sanitized and residual bacteriostatic finish to the laundered article.

The mildew inhibition of ENDEW lasts at least four weeks when used as directed. It is designed for commercial and institutional laundry use by addition to the final rinse or sour step. Fabric may also be preserved against mildew by soaking in a solution of ENDEW. For recommended solution concentration, see Use Directions.

The laundering of fabric may not eliminate the pathogenic bacteria commonly found in soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel. These bacteria can survive commonly used laundering procedures and remain in finished "clean" fabrics. ENDEW, when used at recommended levels, will sanitize such fabrics. Sanitizing is defined as a greater than 99.9% reduction in bacteria count on contaminated fabric.

At the same time, ENDEW imparts to the laundered, sanitized fabric a residual self-sanitizing and residual bacteriostatic finish. This finish will effectively protect the fabric against rapid bacterial growth caused by moisture and wet contamination. The residual bacteriostatic action of ENDEW inhibits the growth of bacteria. Its residual self-sanitizing activity reduces the number of bacteria from wet contamination.

All of the above beneficial activity—mildew protection—sanitizing—residual self-sanitizing—residual bacteriostatic occur when the fabric is treated as directed.

ENDEW is economical because it is concentrated. It should be handled with care.

FOR COMMERCIAL AND INSTITUTIONAL USE

USE DIRECTIONS

MILDEW CONTROL

FOR 2-WEEK PROTECTION, use 1/2 oz. per CWT of fabric (dry weight).

FOR 3-WEEK PROTECTION, use 1 3/4 oz. per CWT of fabric (dry weight).

FOR 30 DAYS (OR MORE) PROTECTION, use 2 1/4 oz. per CWT of fabric (dry weight).

BACTERIAL CONTROL

— At this use-level, ENDEW imparts to the fabric a residual self-sanitizing and residual bacteriostatic finish. This activity has been confirmed against *Klebsiella pneumoniae* ATCC No. 4352 and *Staphylococcus aureus* ATCC No. 6538.

—*At this use-level, ENDEW sanitizes and imparts to the fabric a residual self-sanitizing and a residual bacteriostatic finish. These activities have been confirmed against *Klebsiella pneumoniae* ATCC 4352 and *Staphylococcus aureus* ATCC No. 6538.

Dilute the appropriate amount of ENDEW in one or two gallons of water: then add to the wash in the final rinse.

Retreat as necessary.

Do not reuse empty drum. Return to drum conditioner or rinse well with soap solution and discard. Do not contaminate water by disposal of waste.

** Under humid or wet contamination conditions. See left panel for further comments.

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ACTIVE INGREDIENT:

Didecyl Dimethyl Ammonium Chloride . . . 50%

INERT INGREDIENT 50%
100%

NET CONTENTS—54 GALS.