

ACCEPTED

10-22-69

UNDER THE FEDERAL INSECTICIDE ACT AND RELATED ACTS

1043-42

# VESTAL EIGHTY-NINE

## GERMICIDAL DETERGENT

U.S.D.A. Registration No. 1043-42

**GERMICIDAL, PSEUDOMONACIDAL, TUBERCULOCIDAL AND FUNGICIDAL BY OFFICIAL AOAC QUALIFICATION IN SOFT OR HARD WATER (AOAC 400 PPM AS CaCO<sub>3</sub>)**

**VESTAL EIGHTY-NINE** is a concentrated multi-purpose, soapless, germicidal detergent. It is effective in reducing the transmission of disease-causing organisms by disinfecting and cleaning inanimate objects which harbor bacteria. **VESTAL EIGHTY-NINE** is free-rinsing; it holds soil in suspension and removes it completely from the surface. **VESTAL EIGHTY-NINE** does not leave an insulating film and is recommended for conductive flooring in hospital operating rooms. A 1% solution is effective against pathogenic bacteria and fungi such as *S. aureus*, *S. typhosa*, *Ps. aeruginosa*, *M. tuberculosis*, *T. interdigitale*, *E. floccosum* and many viruses.

**GERMICIDAL QUALIFICATION (AOAC Use-Dilution Confirmation) . . . . . 1:100**  
**TUBERCULOCIDAL ACTIVITY TEST (AOAC M. tuberculosis) . . . . . 1:100**  
**FUNGICIDAL TEST (AOAC T. interdigitale) . . . . . 1:100**

**PHENOL COEFFICIENT (AOAC 20°C): S. typhosa - 9, S. aureus - 8**

**ACTIVE INGREDIENTS:** o-phenylphenol 3.91%, o-benzyl p-chlorophenol 3.31%  
 p-tertiary amylphenol 0.78%

**TOTAL INERT INGREDIENTS . . . . . 92.00%**

USE 1% SOLUTION FOR ALL GENERAL CLEANING AND DISINFECTION,  
 INCLUDING TUBERCULOUS AREAS

**VESTAL EIGHTY-NINE** must be diluted for use. It forms an effective solution with hard or soft waters.

### DILUTION TABLE

Quantity of VESTAL EIGHTY-NINE Concentrate To Make 1% Use-Dilution		
Water	1 Gallon	5 Gallons
VESTAL EIGHTY-NINE	1-1/4 Fl. Oz.	6-1/4 Fl. Oz.

To increase detergency: Increase solution strength to 2% - 3%.

When use as directed, **VESTAL EIGHTY-NINE** is harmless to fabrics, resilient flooring, tile, terrazzo, painted and varnished surfaces.

**CAUTION: KEEP OUT OF REACH OF CHILDREN.** Harmful if swallowed. Avoid contact with skin and eyes. Particular care should be taken in handling the concentrate, including proper shielding of eyes in case of splashing. In case of exposure, flush exposed parts immediately with large amounts of flowing water. Use rubber gloves for manual cleaning operations. Avoid contamination of food.

392-171



## VESTAL LABORATORIES

Division of W. R. Grace & Co.  
 St. Louis, Missouri