



# TECHNICAL DATA

# DERMA-WEX

## FOAMED ALCOHOL Health-care Personnel Handwash

**DERMA-WEX** is emolliated ethyl alcohol dispensed as foam. It effectively degerms the hands without the usual drying or irritation normally associated with the use of alcohol. DERMA-WEX is for sanitizing and freshening the hands at any time when soap and water are not readily available. When used as directed, DERMA-WEX rapidly reduces both residual and transient skin flora.

The Federal Register published a tentative final monograph for health-care antiseptic drug products (Volume 59, #116/June 17, 1994/Proposed Rules). The "Miscellaneous External Panel" stated, "The panel found ethyl alcohol safe and effective for use as a topical antimicrobial preparation in concentrations of 60 to 95 percent by volume in an aqueous solution." DERMA-WEX is recommended for all health-care personnel and patients.

### DIRECTIONS FOR USE

**FOR GENERAL USE:** Apply to hands and massage thoroughly, using enough foamed alcohol to keep hands wet for 30 to 60 seconds. Continue massaging until foam vanishes and hands are dry. There is no "sticky" after feeling. Evaporation of alcohol leaves hands soft and smooth.

**WARNING:** DERMA-WEX is for external use only. Do not use in or near eyes. Flammable, keep away from fire or flame.

### Physical Properties

FOAM.....	Foamed Alcohol
COLOR .....	White Foam
AROMA .....	Alcohol
pH.....	Not Applicable
ANTRIMICROBIAL INGREDIENTS .....	62% by Volume Ethyl Alcohol
EMOLLIENTS .....	Yes
STABILITY .....	Stable

One Derma-Wex can provides 277 shots based on a true use of .92 grams per shot



325 Leffingwell Avenue • Kirkwood, Missouri

[www.wexfordlabs.com](http://www.wexfordlabs.com)

(800) 506-1146

# DERMA-WEX

## Foamed Alcohol Health-Care Personnel Handwash

### EFFICACY DATA

DERMA-WEX shows germicidal activity in 10 seconds against thirteen representative pathogens, bacteria, fungus and yeast systems.

**TABLE 1: GERMICIDAL ACTIVITY**

Test Organism	Microbial Index Per 5 ml of Test Substance	Microbial Index Per 5 ml of Test Substance with 10% Serum	Time Required For Germicidal Activity
Enterobacter aerogenes	$1.18 \times 10^9$	$4.15 \times 10^8$	10 seconds
Klebsiella pneumonia	$9.25 \times 10^8$	$4.45 \times 10^8$	10 seconds
Proteus mirabilis	$7.15 \times 10^8$	$4.90 \times 10^8$	10 seconds
S. choleraesuis (S. typhia)	$6.55 \times 10^8$	$1.22 \times 10^8$	10 seconds
Shigella sonnei	$1.23 \times 10^9$	$4.50 \times 10^8$	10 seconds
Enterococcus faecium	$1.50 \times 10^8$	$1.27 \times 10^8$	10 seconds
Streptococcus pyrogenes	$3.35 \times 10^7$	$5.95 \times 10^8$	10 seconds
Pseudomonas aeruginosia	$1.75 \times 10^8$	$5.55 \times 10^8$	10 seconds
Staphylococcus aureus	$3.45 \times 10^8$	$1.90 \times 10^8$	10 seconds
T. metagrophytes	$7.25 \times 10^8$	$6.95 \times 10^8$	10 seconds
Candida albicans	$3.70 \times 10^8$	$3.55 \times 10^8$	10 seconds
Escherichia coli	$3.10 \times 10^8$	$5.80 \times 10^8$	10 seconds
Streptococcus faecium (formerly S. faecalis)	$2.30 \times 10^8$	$5.20 \times 10^7$	10 seconds

Cultures were grown in trypticase soy broth. Subcultures were made into A.O.A.C letheen broth and then into tripticase soy agar.

Testing was done in accordance to modified phenol coefficient test procedure (A.O.A.C. 15th Edition).



325 Leffingwell Avenue • Kirkwood, Missouri

[www.wexfordlabs.com](http://www.wexfordlabs.com)

(800) 506-1146