

Instant Hand SANITIZER

NO RINSING

- **Kills Bacteria Fast**
- **Broad Spectrum**





CliniShield® Instant Hand Sanitizer "IHS"

- An alcohol-based formula for rapid germ killing activity when handwashing facilities are not available and hands are free of dirt or soil but in need of degerming.
- Demonstrates a greater than 99% kill in 15 seconds or less against antibiotic resistant bacteria including MRSA and VRE.
- The anti-bacterial efficacy of Clinishield® Instant Hand Sanitizer is demonstrated in both in-vitro and in-vivo testing as specified by the FDA "TFM for Health Care Antiseptic Drug Products"¹. Effective against a broad spectrum of organisms associated with the most commonly occurring healthcare acquired infections including those listed in the "National Nosocomial Infection Surveillance (NNIS) System Report"².
- Contains a humectant which leaves the skin feeling soft and smooth after the product dries without leaving a tacky after-feel like emollient containing formulations often do.
- Demonstrated in the 21-Day Cumulative Irritation Test to be mild to the skin and showed no sign of skin sensitization.

¹ "Tentative Final Monograph for Health Care Antiseptic Drug Products," Federal Register, Vol. 59, No. 116, p. 31444.

² "National Nosocomial Infections Surveillance (NNIS) System Report, Data Summary from January 1990 - May 1999, issued June 1999," American Journal of Infection Control, Vol. 27, No. 6, pp. 520-535.

Stock #	Size	#/Case
87012	4 fl. oz. w/ fliptop bottle	24 bottles/case
87013	8 fl. oz. w/ pump	12 bottles/case
33245	16 fl. oz. w/ pump	12 bottles/case
31795	1000 ml bottle	8 bottles/case
87011	1600 ml bottle	6 bottles/case

Physical Properties:

Description: clear alcohol gel
 Fragrance: pleasant, low-alcohol
 pH: approximately 7.35
 Viscosity: 16,000 - 24,000
 Active Ingredient: 62% ethanol

Efficacy Tests

Minimum Inhibitory Concentration (MIC) (In Vitro)

Purpose: To determine the concentration of an antiseptic handwash which will inhibit the growth of bacteria.

Time Kill (In Vitro)

Purpose: To measure the ability of an antiseptic handwash to reduce bacteria at different points of time exposure. e.g. 15 or 30 seconds.

Health Care Personnel Handwash Test (In Vivo)

Purpose: To determine the ability of an antiseptic handwash to reduce bacteria on the hands after an actual handwash procedure using the marker organism (*Serratia marcescens*).

15 Second Time Kill / MIC

Microorganisms	Source	Time Kill	MIC
Bacterial Strains			
IHS			
<i>Acinetobacter baumannii</i>	ATCC 19606	>99.9	1:8
<i>Clostridium difficile</i> (vegetative)	ATCC 9689	99.74	1:16
<i>Escherichia Coli</i>	ATCC 11229	>99.999	1:4
<i>Enterobacter aerogenes</i>	ATCC 13048	>99.8	1:4
<i>Enterococcus faecalis</i>	ATCC 29212	99.999	1:16
<i>Klebsiella pneumoniae</i>	ATCC 11296	>99.9	1:16
<i>Proteus mirabilis</i>	ATCC 7002	99.9	1:8
<i>Pseudomonas aeruginosa</i>	ATCC 9027	>99.9	1:8
<i>Staphylococcus aureus</i>	ATCC 6538	>99.9	1:8
<i>Staphylococcus epidermidis</i>	ATCC 12228	99.8	<1:4
Yeast Strains			
<i>Candida albicans</i>	ATCC 10231	99.99	1:8
<i>Candida tropicalis</i>	ATCC 750	99.7	<1:4
Antibiotic Resistant Bacterial Strains			
<i>Enterococcus faecium</i> VRE	ATCC 51559	99.9	1:64
<i>Haemophilus influenzae</i>	ATCC 19418	99.999	1:8
<i>Serratia marcescens</i>	ATCC 14756	99.999	1:8
<i>Staphylococcus aureus</i> MRSA	ATCC 33591	>99.999	1:4
<i>Streptococcus pneumoniae</i>	ATCC 6303	>99.9	1:32

ATCC = American Type Culture Collection

Healthcare Personnel Handwash Test

Product	After Single Handwash
CliniShield Instant Hand Sanitizer	Log ₁₀ 3.621 (99.98%)

- "Report For Efficacy Evaluation of a Liquid Health Care Personnel Handwash Product, Hilltop Research, Inc. Miami, OH. For Stockhausen, Inc.,"
- Clinishield® Instant Hand Sanitizer met the FDA performance criteria following a single hand antiseptics procedure.



For more information, please contact your Clinishield® distributor or call 1-800-334-0242.