



Hy5® Alcohol Free Foaming Hand Sanitizer Fragrance Free / Dye Free

OSHA/ADA-Compliant Institutional Dispensers and Vacuum Sealed Disposable Cartridges

2-3x More Economical Than Alcohol Gel Products

FDA-Registered

Kills 99.99% of Common Germs/Bacteria and Viruses

Active Ingredient: .24 Benzalkonium Chloride w/Aloe Moisturizer



1L Push Button Wall Mount Dispenser \$9.00*

9"h x 5.25"w x 4.5"d

1L Vacuum Sealed Disposable Cartridge=2000 applications (app)

(8) 1L Cartridges Per Case: \$102.00

1L HANDS FREE Dispenser \$49.95 (batt incl.)**

10"h x 5.5"w x 6"d

Stainless Steel Dispenser Stand
Adjustable Height / Weighs 33lbs

\$225.00

Requires Hands FREE Dispenser

****(1) Manual Dispenser FREE with Purchase of 2 Cases Refill Cartridges***
******(1) Hands Free Dispenser FREE with Purchase of 6 Cases Refill Cartridges***

Minimum Order Refill Cartridges : 2 cases

2 Year Warranty on ALL wall mounts

All Prices FOB – Wallingford, CT 06492

Prices Subject to Change

Shipping Calc: \$5 + .75/lb 1 case =15 lb

Contact Your Sales Representative For More Info Today

Efficacy Data Hy5 Alcohol Free Hand Sanitizer*

| *Table 1. 2003 DEB SBS In-vitro Antimicrobial Efficacy for 0.24% Quaternary Ammonium Chloride provided on behalf of Mata Global Solutions Test Microorganisms | Initial Inoculum (cfu/10µL) | Exposure Time (Minutes) | | | Reduction (percent)* |
|---|--------------------------------|-------------------------|-----|-----|--|
| | | 0.5 | 1.0 | 2.0 | |
| | | Growth in TSB | | | |
| Pseudomonas aeruginosa | 3.39 x 10 ⁵ | - | - | - | 99.99 |
| Klebsiella pneumoniae | 2.76 x 10 ⁵ | - | - | - | 99.99 |
| Escherichia coli | 15.8 x 10 ⁵ | - | - | - | 99.99 |
| Salmonella typhimurium | 18.9 x 10 ⁵ | - | - | - | 99.99 |
| Staphylococcus aureus ATCC33591 | 21.2 x 10 ⁵ | - | - | - | 99.99 (Methicillin Resistant / MRSA) |
| Staph. epidermidis | 18.3 x 10 ⁵ | - | - | - | 99.99 |
| Streptococcus faecalis ATCC522A | 9.8 x 10 ⁵ | - | - | - | 99.99 (Vancomycin resistant enterococci / VRE) |
| Streptococcus agalactiae | 12.1 x 10 ⁵ | - | - | - | 99.99 |
| Micrococcus luteus | 14.4 x 10 ⁵ | - | - | - | 99.99 |
| Candida albicans | 12.6 x 10 ⁵ | - | - | - | 99.99 |
| Trichophyton mentogrophytes (Athlete's Foot) | 9.6 x 10 ⁵ | - | - | - | 99.99 |
| Salmonella choleraesuis | 14.1 x 10 ⁵ | - | - | - | 99.99 |
| Aspergillus niger | 11.8 x 10 ⁵ | - | - | - | 99.99 |
| Listeria monocytogenes | 17.9 x 10 ⁶ | (30 seconds) | | | 0 CFU/mL |
| Clostridium difficile | 1.1 x 10 ⁴ | (15 seconds) | | | 0 CFU/mL |
| Human Coronavirus (resembles SARS-like virus family) | | (15 seconds) | | | 0 CFU/mL |

(*) Indicates percentage reduction in numbers of viable cells evidenced by lack of growth in Trypticase-soy Broth medium.

(-) Indicates no survival of test organisms in the recovery medium.

Each test organism was grown overnight on Trypticase-soy agar slants at 35oC. Cell suspensions were prepared by adding 10mL sterile saline (0.9%) to each slant and gently scraping the slant surface. Microbial densities of each cell suspension were estimated using the viable plate count method. 2. Test product (1mL) was aseptically added to sterile test tubes and then inoculated with a 1:10 dilution of a cell suspension (100 µL) of the test organism. At selected time intervals (0.5, 1.0 and 2.0 minutes), aliquots (10 µL) were aseptically removed and transferred to a Trypticase-soy broth recovery medium (10mL). Microbial growth was monitored by the development of turbidity in the recovery medium. **Test Results:** Foaming Hand Sanitizer with 0.24% Quaternary Ammonium Chloride exhibited strong germicidal activity against a variety of gram-positive and gram-negative bacteria, as well as the yeast Candida albicans. In most instances viable cell numbers were reduced by greater than 99.99% after a 30-second exposure period with this product.