D-FENZ® ANTI-MICROBIAL

4 HOUR ALCOHOL FREE HAND SANITIZER

D-FENZ® Alcohol Free Hand Sanitizer has proven residual antimicrobial benefits for up to four hours.

- ✔ Tackles germs on two fronts by providing an instant kill & lasting protection
- ✔ Kills 99.9% of illness-causing germs on contact & persist on skin for up to 4 hours
- ✔ Alcohol-Free, Foaming Formula won't dry hands, sting or cause cracking
- ✔ Moisture-infused foam leaves skin feeling nourished & silky, even after repeated applications
- ✔ Outperforms alcohol-based sanitizers by persisting on skin; guarding against exposure
- ✔ Proprietary mineral blend enhances product bonding & effectiveness

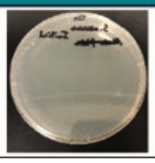
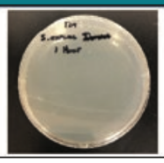
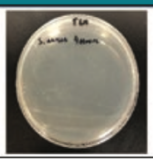
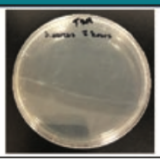
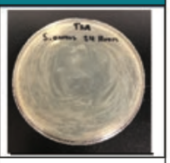
How D-FENZ Alcohol Free Hand Sanitizer Works & Keeps Working for Hours

Benzalkonium Chloride, D-FENZ's active ingredient, is a preferred skin antiseptic that kills germs on contact and inhibits future microbial growth. In addition, D-FENZ uses a specially refined inert mineral which assists in the formation of the protective barrier and aids in the dispersion of the active ingredient, Benzalkonium Chloride, resulting in an extremely uniform suspension.

- ► Proven through multiple studies, the EPA & Health Canada recognizes benzalkonium chloride as effective against SARS-CoV-2.* *(reference www.journalofhospitalinfection.com)*
- ► The CDC & medical experts confirm bacteria is more difficult to kill than viruses. According to the EPA, products that kill bacteria will successfully kill less complex pathogens like SARS-CoV-2. The plate samples below show D-FENZ's effectiviness against the bacteria *Staphylococcus aureus*.

D-FENZ® Hand Sanitizer Agar Plate Testing on Staphylococcus Aureus *"Staph"*

TABLE A

Test Microorganism	Untreated	After Initial Treatment	1 Hour After Treatment	4 Hours After Treatment	8 Hours After Treatment	24 Hours After Treatment
Staphylococcus aureus (ATCC 29214)						
Bacterial Growth Observed	Yes	No	No	No	No	Yes

Eligibility of Antiseptic Active Ingredient for Consumer and Health Care Antiseptic Uses

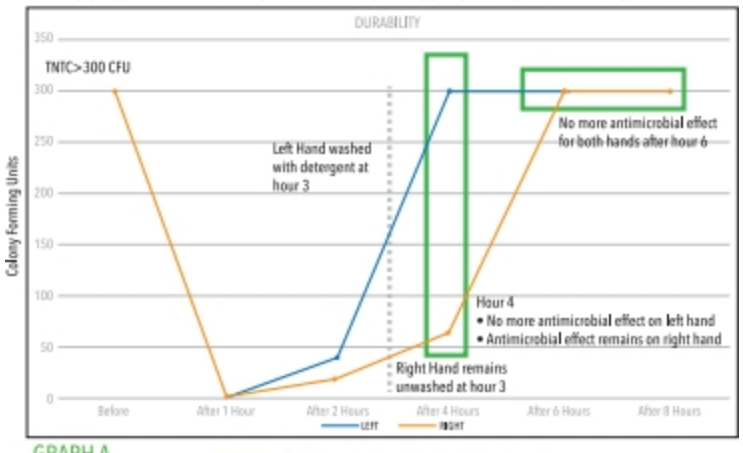
*Reference FDA, Department of Health and Human Services

ACTIVE INGREDIENT	Alcohol 60 - 95 percent	Benzalkonium Chloride
Patient Antiseptic Skin Preparation	Y[1]	Y
Health Care Personnel Hand Wash	N[2]	Y
Health Care Personnel Hand Rub	Y	Y
Surgical Hand Scrub	N	Y
Consumer Hand Rub	Y	Y

Y[1] = Eligible for specified use.
N[2] = Ineligible for specified use.

TABLE B

Alcohol Free Hand Sanitizer vs. Alcohol-Based Hand Sanitizer



GRAPH A

Right Hand – Coated with Alcohol Free Hand Sanitizer
Left Hand – Coated with Alcohol-based Hand Sanitizer

**Per FDA - Killing or decreasing the number of bacteria or viruses on the skin by a certain magnitude has not been proven to reduce infection or disease caused by such bacteria or viruses.*

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