



INVISIGUARD™

ALCOHOL FREE **HAND SANITIZER**

*Now you can have superior
protection against 99.9%
of illness-causing germs*

*Restore confidence with
Invisiguard's Alcohol-Free
Hand Sanitizer and effectively
destroy bacteria, viruses, and
fungi on contact*



Alcohol-Free
Water-Based
No Odor
Non-Toxic
Kid-Friendly
Earth-Friendly
Moisturizing
Conditioning

Better.



Invisiguard is the future of sanitization offering a long-lasting, water-based, alcohol-free hand sanitizer solution backed by science.

TIME KILL ASSAY RESULTS

Invisiguard's hand sanitizer's active ingredient, BZK, kills 99.9% of illness-causing germs* on contact. Listed below are the most prevalent bacterial pathogens tested:

<i>Campylobacter jejuni</i>	<i>Klebsiella pneumoniae</i>	<i>Salmonella choleraesuis</i>	<i>Streptococcus pneumonia</i>
<i>Candida albicans</i>	NDM -1 positive	serotype typhimurium	<i>Streptococcus pyogenes</i>
<i>Clostridium difficile</i>	<i>Listeria monocytogenes</i>	<i>Salmonella typhi</i>	<i>Vibrio cholera</i>
<i>Enterococcus faecalis</i>	<i>Pseudomonas aeruginosa</i>	<i>Shigella dysenteriae</i>	<i>Xanthomonas axonopodis</i>
Vancomycin Resistant (VRE)	<i>Salmonella choleraesuis</i>	<i>Shigella flexneri</i>	(Citrus Canker)
<i>Escherichia coli</i>	serotype enteritidis	<i>Shigella sonnei</i>	<i>Yersinia enterocolitica</i>
<i>Escherichia coli</i> O157:H7	<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>	
<i>Klebsiella pneumoniae</i>	serotype paratyphi	<i>Staphylococcus epidermidis</i>	
	<i>Salmonella choleraesuis</i>		
	serotype pullorum		

Time Kill Assay – American Society for Testing and Materials (ASTM). E2315-03, Guide for Assessment of Microbiocidal Activity Using a Kill-Time Procedure, Volume 11.05, Copyright 2005 ASTM International.

*Kills 99.9% of most common germs that may cause illness

EFFICACY STUDY DATA

Hand Sanitizer Product	Lot #	Active Ingredient	Followup ATP Count						
			15 Seconds	30 Seconds	45 Seconds	1 Hour	4 Hour	8 Hour	24 Hours
Durisan Hand Sanitizer	#2116	.1% Benzalkonium Chloride (BZK)	0	0	0	0	0	8	16
Leading Competitor	#108722	70% Ethyl Alcohol	34	67	143	409	634	192	290

ATP LEVELS OF CLEAN	ATP Count		Description
	Ultra Clean	0-10	Sterile surfaces and food prep areas
	Very Clean	11-30	Critical touch points
	Good Clean	31-80	Floor requirement, and typical microfiber towel performance
	Somewhat Clean	81-200	Surface should be cleaned and has some risk of contamination from disease-causing bacteria
	Dirty	201-500	Surface needs cleaning and has medium risk of contamination from disease-causing bacteria
	Very Dirty	501-1000	Surface needs cleaning and has medium to high risk of contamination from disease-causing bacteria
	Filthy	>1000	Surface needs cleaning and has high risk of contamination from disease-causing bacteria

The detection of adenosine triphosphate (ATP), the universal unit of energy in all microbial living cells, indicates the presence of biological matter and determines if surfaces are clean. While most hospitals use the recommendations above, it is possible to create custom limit for test locations. For detailed instructions on establishing Pass/Fail limits or using Hygiena's ATP cleaning verification system, visit www.hygiena.com.