

INSTANT HAND SANITIZER

germstar® ORIGINAL

INGREDIENTS

Active Ingredients: Isopropanol 70% (w/w)
Ingredient function: killing agent

Also contains:
 Water solvent
 Emollient Complex lubricant
 Fragrance flavor

PHYSICAL CHARACTERISTICS

Odor: alcohol odor
Fragrance: spearmint
Appearance: colorless
Viscosity: liquid rinse

IRRITANCY & ALLERGY INFORMATION

ALLERGY INFO: No allergy reactions were reported.

IRRITANCY INFO: May be irritating if contact with eyes or if inhaled

CERTIFICATES

Certificate:	Institute:	Killing Performance:	Ref:
DGHM / VAH (EUROPE)	DGHM / VAH	30 sec	l)

l) German Society for hygiene and Microbiology (DGHM) + Association for Applied Hygiene (VAH), 53127 Bonn, Germany, EUROPE

EFFICACY DATA (EU)

Microorganism:	Test:	% Reduction: / killing time	Ref:
Escherichia coli (NCTC 10538)	EN 1500	>99.999 / 30 sec	A)
Bactericidal Performance	EN 1276	>99.999 / 30 sec	A)
Bactericidal Performance	EN 1040	>99.999 / 30 sec	A)
Fungicidal Performance	EN 1275	>99.999 / 30 sec	A)
Fungicidal Performance	EN 1650	>99.999 / 30 sec	A)

A) SGS INSTITUT FRESENIUS, 65220 Taunusstein, Germany, EUROPE

EFFICACY DATA (USA)

Microorganism:	Details:	% Reduction:	Ref:
Aspergillus niger	ATCC 16404	>99.999 / 30 sec	4)
Avian influenza virus (surrogate of bird flu)	Stain H9N9	>99.999 / 30 sec	1)
Candida albicans	ATCC 10231	>99.999 / 30 sec	2), 3)
Candida albicans	ATCC 10231	>99.999 / 30 sec	4)

Enterococcus faecalis	ATCC 6057	>99.999 / 30 sec	2)
Enterococcus faecium (Streptococcus faecalis)	ATCC 6057	>99.999 / 30 sec	3)
Enterococcus hirae	ATCC 10541	>99.999 / 30 sec	4) C
ATCC 11229		>99.999 / 30 sec	2)
Escherichia coli	ATCC 10536	>99.999 / 30 sec	4)
Escherichia coli	ATCC 10538	>99.999 / 30 sec	4)
Klebsiella pneumoniae	ATCC 4353	>99.999 / 30 sec	2)
Klebsiella pneumoniae	ATCC 4352	>99.999 / 30 sec	3)
Proteus mirabilis	ATCC 14153	>99.999 / 30 sec	2), 3)
Pseudomonas aeruginosa	ATCC 15442	>99.999 / 30 sec	2), 3), 4)
Salmonella typhi	ATCC 6539	>99.999 / 30 sec	3)
Salmonella typhimurium	ATCC 13311	>99.999 / 30 sec	3)
Staphylococcus aureus	ATCC 6538	>99.999 / 30 sec	2), 3), 4)
Staphylococcus pneumoniae	n/a	>99.999 / 30 sec	
Salmonella enteritidis	n/a	>99.999 / 30 sec	
Influenza A2 virus	n/a	>99.999 / 30 sec	
Herpes Simplex typ I virus	n/a	>99.999 / 30 sec	
Rhino type II virus	n/a	>99.999 / 30 sec	
HIV	n/a	>99.999 / 30 sec	
Feline Calicivirus	n/a	>99.999 / 60 sec	
SARS	n/a	>99.999 / 30 sec	
Hepatitis A	n/a	>99.999 / 60 sec	
Hepatitis B, & C	n/a	>99.999 / 30 sec	
MRSA	n/a	>99.999 / 30 sec	

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2) Univ. Prof. Dr. med. Manfred ROTTER, Hygiene Institute of the university of Vienna, 1095 Vienna, Austria, EUROPE

3) HILL TOP RESEARCH INC., Main & Mill Streets, Miami, OH 45147

4) SGS INSTITUT FRESENIUS, 65220 Taunusstein, Germany, EUROPE

BIOBASED CONTENT ANALYSIS*

Biobased Content: 0%
Fossil Content: 100%

* Beta Analytic Inc., 4985 SW 74 Court, Miami, Florida 33155, USA

AUTHORIZED DISTRIBUTOR

COAST TO COAST INFECTION CONTROL
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 Carlsbad, CA 92008

