

INSTANT HAND SANITIZER

germstar® CITRUS

INGREDIENTS

Active Ingredients: Ethanol 63% (w/w)
Ingredient function: killing agent

Also contains:
 Water solvent
 Isopropanol denature
 Emollient Complex lubricant
 Fragrance flavor

PHYSICAL CHARACTERISTICS

Odor: alcohol odor
Fragrance: citrus
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:	Test:	Killing Performance:	Ref:
MURINE NOROVIRUS TYPE 1	passed	20 sec	I)

I) Centre for Research on Environmental Microbiology (CREM)
 Faculty of Medicine, University of Ottawa
 451 Smyth Rd., Ottawa, Ontario, Canada K1H 8M5

EFFICACY DATA (EU)

Microorganism:	Test:	% Reduction: / killing time	Ref:
Escherichia coli	EN1500	>99.999 / 30 sec	A)
Feline calicivirus (FCV = surrogate of norovirus)	EN 14476	passed	B)
Bactericidal Performance	EN 1276	passed	C)
Bactericidal Performance	EN 1040	passed	C)
Fungicidal Performance	EN 1275	passed	C)
Fungicidal Performance	EN 1650	passed	C)

A) Department of Disinfection, Budapest, Hungary, EUROPE

B) Dr. J. Steinmann, MikroLab GmbH, Norderoog 2, 28259 Bremen, Germany, EUROPE

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

EFFICACY DATA (USA)

Microorganism:	Details:	% Reduction:	Ref:
Aspergillus niger	ATCC 16404	>99.999	4)
Candida albicans	ATCC 10231	>99.999	4)
Enterococcus hirae	ATCC 10541	>99.999	4)
Escherichia coli	ATCC 10536	>99.999	4)
Escherichia coli	ATCC 10538	>99.999	4)
Pseudomonas aeruginosa	ATCC 15442	>99.999	4)
Staphylococcus aureus	ATCC 6538	>99.999	4)
Staphylococcus pneumoniae	n/a	>99.999	
Salmonella enteritidis	n/a	>99.999	
Influenza A2 virus	n/a	>99.999	
Herpes Simplex typ I virus	n/a	>99.999	
Rhino type II virus	n/a	>99.999	
H1N1	MDCK cells	>99.76 /30 sec	5)
HIV	n/a	>99.999	
Feline Calicivirus	n/a	>99.999	
SARS	n/a	>99.999	
Hepatitis A, B, & C	n/a	>99.999	
MRSA	n/a	>99.999	

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

5) Sagar M. Goyal, Professor of Virology, Department of Veterinary Population Medicine, University of Minnesota, 1333 Gortner Ave, Saint Paul, MN 55108, USA

BIOBASED CONTENT ANALYSIS*

Biobased Content: 85%
Fossil Content: 15%

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

MANUFACTURE INFORMATION

Soaptronic LLC
 20562 Crescent Bay Dr
 Lake Forest, CA 92630, USA

