

#51788



Kleen-San



DESCRIPTION

One step foaming ready to use hand sanitizer. This is an effective alternate to traditional gel type hand sanitizer. It is alcohol free and contains skin protecting emollients for softer hands. To be used in foaming dispenser (code: 51700).



DIN
02306816

Proven to kill 99.9%
Effective against Influenza
A (H1N1)

FEATURES / BENEFITS

Proven to Kill 99.9%: Effective in less then 15 seconds.
Environmentally Friendly: APE, VOC and alcohol free.
Fast Drying: Will dry in as few as 20 seconds.
Soft on Hands: Formulated with emollients for softer hands.
Kills MRSA, VRE and C. difficile, [Influenza A \(H1N1\)](#)
Dye-Free
To Be Used in Bulk Dispenser

USAGE

Use as part of your daily cleansing routine. Apply a small amount of KLEEN-SAN (the size of a loony) to the palm of your hand. Rub hands together until they are dry. No rinsing is required. Use as needed between hand washes to help reduce bacteria on the skin. KLEEN-SAN is suitable for food plant use. Do not store in food processing or food storage areas. Store between 4-40 °C.

AVAILABLE SIZES

4L (code): 51788



DUSTBANE PRODUCTS LIMITED

25 Pickering Place • Ottawa, Ontario • K1G 5P4
TEL: (613) 745-6861 FAX: (613) 745-6232 EMAIL: info@dustbane.ca
WEB: www.dustbane.ca



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FEATURES AND BENEFITS

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- Environmentally Friendly:** APE, VOC and alcohol free
- Fast Drying:** Will dry in as few as 20 seconds.
- Soft on Hands:** Formulated with emollients for softer hands.
- Dye-Free**
- To Be Used in Bulk Dispenser**

WHERE TO USE

Use whenever and wherever hand sanitation is required.

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SPECIFICATIONS

Appearance: Clear colourless liquid

Fragrance: Lemon burst

Viscosity: As water

Actives %: 0.2 % Benzethonium Chloride

pH (conc.): 7.0

Solvent: None

Phosphate: None

WHMIS: No

TDG: No

CFIA Approval: Pending

% KILL OF BACTERIA EXPOSED AT ONE MINUTE CONTACT TIME

Organism	ATCC	NAHS	Organism	ATCC	NAHS
Staphylococcus aureus	6538	99.999%	Pseudomonas aeruginosa	15442	99.999%
Staphylococcus aureus	12228	99.999%	Salmonella typhi	6539	99.999%
Escherichia coli	11229	99.999%	Listeria monocytogenes	7644	99.995%
Escherichia coli 0157:H7	35150	99.999%	Serratia marcescens	14756	99.999%

% KILL OF BACTERIA EXPOSED IN 15 SECOND TIME KILL ASSAY

Organism	ATCC	NAHS	Organism	ATCC	NAHS
Escherichia coli	11229	99.999%	Salmonella choleraesuis	10708	99.999%
Staphylococcus aureus	6538	99.999%	Salmonella typhi	6539	99.999%
Staphylococcus aureus (MRSA)	33591	99.999%	Enterococcus faecalis (VRE)	51299	99.999%
Pseudomonas aeruginosa	15442	99.999%	Serratia marcescens	14756	99.999%

Kleen-San has been tested against a typical alcohol (62% alcohol) hand sanitizer in a thirty member human hand wash panel: fifteen tested Kleen-San against a control; fifteen tested the alcohol base sanitizer against a control. Both Kleen-San and the alcohol base sanitizer were effective in reducing the bacterial populations of *Escherichia coli* (ATCC# 11229) by LOG_{10} 1.70 and 2.07 respectively after the first application and by LOG_{10} 2.75 and 2.50 respectively after the fifth application. Neither product produced any visible signs of skin irritation to the hands. The data clearly indicates that Kleen-San was equally effective in reducing the microbial counts on contaminated hands as the proven alcohol hand sanitizer in a human clinical trial.