



## Product Information Sheet




**Description:** Highly effective alcohol based hand sanitizer dispensed as a foam

**Usage:** Ideal for use in all acute healthcare environments where higher levels of hand hygiene are vital.

**Method of Use:** For general use apply 1-2 doses direct to clean hands and spread across all parts of hands for 20 to 30 seconds based on WHO recommendations, or until dry.



Feature	Benefit
UL Ecologo certified	Certified by North America’s largest, most respected environmental standard and certification mark.
Instant foam action	Rapidly and easily rubs across hands, killing many common germs.
Dispensed as a foam	Provides the user with complete control of the product in the hands, preventing the dripping and splashing associated with using liquid alcohol sanitizers.
Does not contain gelling agents	Unlike alcohol gel sanitizers, the product does not contain gelling agents that leave the hands feeling sticky, particularly after multiple use.
Pleasant-to-use	The rich foam is extremely pleasant for frequent use and is recommended during all four moments of hand hygiene.
Contains moisturizer	Helps prevent skin dryness and leaves the skin feeling soft and refreshed after use.
Proven hypoallergenic formula	The perfume-free and dye-free formula has extremely low potential for skin irritation. Ideal for frequent use with very high user acceptability.
Non-tainting to food	Suitable for use in any environment where food is being handled.
No mess	Does not clog pumps or splash and drip on surrounding floor and wall surfaces as associated with liquid and gel sanitizers.
No water required	Provides effective hand sanitizing properties without the need for water and ideal for use at patient point of care.
Convenient	1L cartridge fits our standard Alcohol Handrub wall mounted dispenser.
Glove compatible	Compatible with latex and nitrile gloves and recommended for use before and after wearing gloves.



## Technical Data

**Ingredients:** AQUA, PROPYL ALCOHOL, BIS-PEG 12 DIMETHICONE, BEHENTRIMONIUM CHLORIDE, PEG-200 HYDROGENATED GLYCERYL PALMATE, PEG-7 GLYCERYL COCOATE, COCO-GLUCOSIDE, GLYCERYL OLEATE, DIHYDROXYPROPYL PEG-5 LINOLEAMMONIUM CHLORIDE.

**Active Ingredient:** Ethanol (Alcohol) 72% v/v

**Handling Instructions:** Avoid contact with eyes; if this occurs, flush immediately with water. If irritation develops, or increases, discontinue use of the product. If irritation persists for more than five days, consult a doctor. Keep out of reach of children. In case of accidental ingestion, consult a physician or poison control centre.

**Shelf Life:** This product has a shelf life of 48 months.

Safety Data sheets available from [www.debgroup.com/msds](http://www.debgroup.com/msds)

## Product Testing

### Toxicological and Assurance Tests

Test Type	Comment
Dermatological Test	The industry recognized '48hr Single Patch Test' results have been validated by a dermatologist to show the product to be 'non-irritant'.
Toxicological Approval	Formulation assessed by a toxicologist and declared safe for use.
Non-taint test	Product has been tested according to Sensory Analysis – Methodology - Triangle Test BS EN ISO 4120:2007. Proven to not have the potential to taint food.
UL Ecologo certification	Provides customers with assurance that the product meets the stringent standards of environmental leadership, reflecting the entire life cycle of the product.
Hypoallergenic assessment	Product has been assessed and declared to be hypoallergenic.
Skin hydration	The product was used by 15 subjects 6 times per day for 5 days. Using a Corneometer® the level of hydration of the skin was assessed and after 5 days was found to have increased, therefore demonstrating the product to be "moisturizing".
Glove compatibility	Using BS EN 455-2:2000, the product was shown not to have a deleterious effect on the physical properties of natural rubber (latex) or nitrile gloves.



## Microbiological Tests

Test type	Test Standard	Test Condition	Comment
Bactericidal	EN1500	In vivo	Product passes at 30 seconds (3mls) (HygCen/Werner 2006).
	EN1276	In vitro	Possesses bactericidal activity in 1 minute under clean conditions using 4 referenced strains (HygCen/Werner 2006).
	Time Kill Procedure ASTM E2315-03	In vitro	Possesses rapid germicidal activity against 29 bacteria using an exposure time of 15 seconds (Fernandez del Castro, 2006).
Fungicidal	EN1275	In vitro	Possesses fungicidal activity against 2 referenced strains at a contact time of 1 minute (HygCen/Werner 2006).
	Time Kill Procedure ASTM E2315-03	In vitro	Possesses rapid germicidal activity against 2 yeasts using an exposure time of 15 seconds (Fernandez del Castro, 2006).
Virucidal	EN 14476	In vitro	Product is effective against Avian Influenza Virus H3N8 and H3N2, and Human Rhinovirus in 30 seconds (Study E06ML344A1; Mikrolab/Steinman 2006).
	Modified ASTM E1052	In vitro	Product is effective against HIV Type 1, Herpes Simplex Virus Type 1 and Hepatitis A virus in 30 seconds (Miller, Stemper 2006).
	Following the guideline of DVV and RKI	In vitro	Product is effective against Human Rotavirus in 30 seconds (Study E06ML344R; Mikrolab/Steinman 2006).
	ASTM E1838-02	In vivo	Using fingerpads, product is effective against Feline Calicivirus (surrogate of norovirus) in 30 seconds (Mikrolab/Steinman 2006).
	Time-Kill Method	In vitro	Product is effective against Influenza A/Swine (H1N1) in 30 seconds (Study 090443-402, Bioscience Labs, Montana, USA 2009).
Tuberculocidal	DIN EN 14348:2005	In vitro	Product is tuberculocidal against Mycobacterium terrae in 30 seconds (Study L011/12, Brill + Partner, 2012).

## Available Pack Sizes

Stock Code	Size	Case Quantity	Dispenser
805	50ml Pump bottle	50	n/a
804	400ml Pump bottle	12	n/a
807	1L Cartridge	8	FS1LDS
ENCITF	1L Cartridge (for touch-free dispenser)	3	TF2WHI, TF2BLK, TF2CHR, TF2AZU

Deb Canada, 42 Thompson Road West, Waterford, Ontario Tel: 1-888-332-7627 Fax: 1-800-567-1652

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