

# HandsFresh Enriched Manual Foam Soap & HandsFresh Touchless Foam Soap

## Antibacterial E2 Rated Soap



(03420)

**Physical Characteristics:**

Colour: Colourless (dye free)

Appearance: Thick foam when dispensed

pH: 5.0-5.5

Fragrance: None (fragrance free)

**DIN: 02245467**



(03530)

Ingredient	Purpose
<b>Active Ingredients:</b>	
0.5% Triclosan	Antimicrobial Agent
<b>Also Contains:</b>	
Propylene Glycol	Moisturizer, Humectant

### Chlorine Equivalency Test

The object of this test is to determine the available chlorine germicidal equivalent concentration of the product as compared to 200,100 and 50 ppm available chlorine in the NaOCl standard controls.

**Efficacy Results:** HandsFresh Enriched Foam Antibacterial E2 Rated Soaps demonstrated an available chlorine equivalent to greater than the 200 ppm NaOCl standard control when tested against Staphylococcus aureus and Salmonella typhi.

### Irritancy/Toxicity Profile

- Skin Irritation: Category IV – no irritation to slight erythema at 72 hours
- Sensitization: Not a Skin Sensitizer

### Environmental Information

- Biodegradeable formula
- 1000 ml boxless refill reduce packaging waste up to 80%

### Shelf Life

- 2 years (expiration date printed on refill)

### Certification

- Both are CFIA approved for use in food service establishments

### Time Kill Studies

This study is designed to examine the rate of kill of a test substance after inoculation with a test organism. Results are expressed in a percent reduction and log reduction of the test organism.

### Exposure Time: 30 seconds

Microorganism	% Reduction	Log Reduction
Candida albicans ATCC 10231	95.2381	1.3222 Log <sup>10</sup>
Enterococcus faecalis MDR;VRE ATCC 51575	99.9994	5.1973 Log <sup>10</sup>
Escherichia coli ATCC 11229	75.1064	0.6039 Log <sup>10</sup>
Klebsiella pneumoniae pneumoniae ATCC 29019	94.4720	1.2574 Log <sup>10</sup>
Listeria monocytogenes ATCC 7644	99.9999	4.000 Log <sup>10</sup>
Pseudomonas aeruginosa ATCC 15442	99.9940	4.2248 Log <sup>10</sup>
Salmonella enterica enterica serovar Typhi ATCC 6539	99.7721	2.6421 Log <sup>10</sup>
Staphylococcus aureus aureus ATCC 6538	99.9477	3.2815 Log <sup>10</sup>
Staphylococcus aureus aureus MRSA ATCC 33592	99.5021	2.3029 Log <sup>10</sup>

