

TECHNICAL BULLETIN

Foam Fresh TF Ambre Anti-Bacterial Wash

Technical Data

Physical Properties

Active Ingredient: **0.3% Chloroxylenol**

Appearance: **Clear Peach**

Fragrance: **Fruity**

Form: **Liquid**

pH: **4.5 – 8.5**

Ingredients

INCI Name*	Ingredient Class
Active:	
Chloroxylenol	Antiseptic Agent
Also Contains:	
Water (Aqua)	Carrier
Alcohol	Diluent, Solvent
Ammonium Laureth Sulfate	Surfactant, Cleansing Agent
Ammonium Lauryl Sulfate	Surfactant, Cleansing Agent
Propylene Glycol	Skin Conditioning Agent, Humectant
Algae Extract	Skin Conditioning Agent
Aloe Barbadensis Leaf Juice	Botanical Additive, Skin Conditioning Agent
Ammonium Xylenesulfonate	Surfactant, Cleansing Agent
Cocamide MEA	Surfactant, Foam Booster, Viscosity Increasing Agent
Glycerin	Skin Conditioning Agent, Humectant
Isopropyl Alcohol	Solvent, Denaturant
Lactic Acid	pH Adjuster
Retinyl Palmitate	Skin Conditioning Agent
Simmondsia Chinensis (Jojoba) Seed Oil	Skin Conditioning Agent
Tetrasodium EDTA	Chelating Agent
Tocopheryl Acetate	Skin Conditioning Agent
Zea Mays (Corn) Oil	Skin Conditioning Agent
Ammonium Sulfate	Thickener
Fragrance (Parfum)	Fragrance
Methylchloroisothiazolinone	Preservative
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Red 4 (CI 14700)	Colorant
Yellow 6 (CI 15985)	Colorant

*International Nomenclature Cosmetic Ingredient

Efficacy Data – *In Vitro*

Timed – Exposure Kill Evaluation

Objective: Evaluate the antimicrobial effectiveness of the product *in vitro*.

Description of Test: Fifteen (15) and thirty (30) second exposure kill evaluations were performed utilizing challenge bacterial strains. The challenge inoculum was introduced to the test product at time zero; a portion of the sample was removed and placed in neutralizing media at the appropriate time (15 or 30 seconds). Standard plate counting techniques were used to enumerate viable challenge microorganisms.

Independent Laboratory: BioScience Laboratories, Inc., Bozeman, MT

Date: 14 February, 2003

Results:

Challenge Microbe	ATCC No.	Exposure (seconds)	Percent Reduction
<i>Acinetobacter baumannii</i>	19606	15	99.9999
		30	99.9999*
<i>Bacillus meaterium</i>	14581	15	99.9995
		30	99.9995*
<i>Clostridium difficile</i>	9689	15	99.9999
		30	99.9999*
<i>Corynebacterium diphtheriae</i>	11913	15	99.9979
		30	99.9979*
<i>Enterococcus faecalis (VRE)</i>	51575	15	93.5612
		30	98.9388*
<i>Enterococcus faecium (VRE)</i>	51559	15	99.7959
		30	99.9737*
<i>Listeria monocytogenes</i>	15313	15	92.8720
		30	98.7578*
<i>Proteus vulgaris</i>	13315	15	99.9354
		30	99.9999*
<i>Streptococcus pneumoniae</i>	33400	15	99.9967
		30	99.9967*
<i>Streptococcus pyogenes</i>	19615	15	99.9999
		30	99.9999*

* 30 second result
VISA – Vancomycin Intermediate *Staphylococcus aureus*