



High Foaming Antibacterial Hand Wash

DESCRIPTION

This formulation features **Cola®Lux LO** along with **Poly Suga®Quat TM-8610P** and **Cola®Liquid DC**. It produces dense, cushiony foam, using mild, high foaming surfactants to minimize irritation and allow for repeat washing without causing excessive dryness.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Glycerin	Glycerin	2.00
3	Lauramine Oxide	Cola®Lux LO	6.00
4	Polyquaternium-77	Poly Suga®Quat TM8610P	2.00
5	Propanediol	Zemea® ¹	0.50
6	Cocamide DIPA	Cola®Liquid DC	0.30
7	PEG-150 Distearate	Lipopeg® 6000 DS ²	0.25
8	Fragrance	White Lily ³	0.15
9	Benzalkonium Chloride	Stepanquat™ 50 NF ⁴	0.20
10	Methylchloroisothiazolinone and Methylisothiazolinone	Kathon™ CG ⁵	0.05

PROCEDURE

1. With mixing, combine 1-6.
2. Heat to 60°C.
3. Add 7. Mix until dissolved completely.
4. Cool below 50°C and add remaining ingredients.

TYPICAL PROPERTIES

Appearance	Clear
pH	6.0
Viscosity	100 cps

SUPPLIERS

¹DuPont Tate & Lyle, ²Lambent, ³Belle-Air Fragrances, ⁴Stepan, ⁵Dow

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