



## High Foaming Antibacterial Hand Soap

### 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		qs to 100.00
2	Glycerin		2.00
3	Lauramine Oxide	<i>Cola®Lux LO</i>	6.00
4	Polyquaternium-77	<i>Poly Suga®Quat TM8610P</i>	2.00
5	Propanediol	Zemea® <sup>1</sup>	0.50
6	CocamideDIPA	<i>Cola®Liquid DC</i>	0.30
7	PEG-150 Distearate	Lipopeg® 6000 DS <sup>2</sup>	0.25
8	Fragrance	White Lily <sup>3</sup>	0.15
9	Benzalkonium Chloride	Stepanquat™ 50 NF <sup>4</sup>	0.20
10	Methylchloroisothiazolinone and Methylisothiazolinone	Kathon™ CG <sup>5</sup>	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

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

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