



HAND CARE

Sopal LF 55
Economy Hand Soap
PC0007

BENEFITS: Economic hand soap with soft skin feel.

DESCRIPTION: **Sopal LF 55** provides mild cleansing, and **Sopal Quat PQ7** provides a soft feel and moisturizing.

FORMULATION & PROCESS:

INGREDIENTS (INCI NAME)	FUNCTION	W/W%	PROCESS
Water	Carrier	Q.S. to 100%	Step 1 Add Sopal LF 55 to water and mix until uniform.
Sopal LF 55 (Sodium Lauryl Sulfate, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine)	Cleansing Agents	17.5	
Sopal Quat PQ7	Moisturizing Agent	0.1	Step 2 Add Sopal Quat PQ7 and mix until uniform.
Sodium Chloride	Viscosity Control	0.75 – 1.25	
Fragrance & Dyes	Fragrance and Dye	Q.S.	Step 3 Add Fragrance, Dye, and preservative, mix until uniform.
Citric Acid, 50% Solution	pH	Q.S.	
Linbac MIT	Preservative	0.1	Step 4 Adjust pH with citric acid solution. Adjust viscosity with Sodium Chloride
INCI Designation: Water, Sodium Laureth Sulfate, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine, Sodium Chloride, Polyquaternium-7, Citric Acid, Methylisothiazolinone			

SUPPLIERS: Linbac MIT – Lincoln Manufacturing

TYPICAL PROPERTIES

Appearance at 25°C:	Clear Liquid
Brookfield Viscosity at 25°C:	3,000 – 5,000
pH as is @ 25C:	5.5 – 6.5
Active Surfactants, %:	10.0 – 12.0

WARNING

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CONTACT US

Address
653 Peek Road
Dalton GA 30721

Contact
Phone: 706-277-3993
Fax: 706-277-2966
www.southern-chemical.com

sales@southern-chemical.com