



# SULFATE FREE

## Sopal SLB, Sopal SFP, Sopal Quat Rice Protein

Color Protection Sulfate Free Shampoo  
PC0008

**BENEFITS:** Color protection shampoo

**DESCRIPTION:** Sopal SLB is a mild and sulfate free performance concentrate that provides high foam and gentle cleansing. Sopal SFP is a sulfate free cold Pearlizing agent, and Sopal Quat Rice Protein provides moisture and tensile strength to the hair.

### FORMULATION & PROCESS:

INGREDIENTS (INCI NAME)	FUNCTION	W/W%	PROCESS
Water	Carrier	Q.S. to 100%	<p><b>Step 1</b> Disperse Amaze XT in water. Then add <b>Sopal SLB</b> and <b>Sopal SFP</b> and mix until uniform.</p> <p><b>Step 2</b> Add Sopal Quat Rice Protein and mix until uniform.</p> <p><b>Step 3</b> Add fragrance, dye, and preservative mix until uniform.</p> <p><b>Step 4</b> Adjust pH with citric acid solution</p> <p><b>Step 5</b> Add the desired amount of Crothix Liquid to achieve the desired viscosity.</p>
<b>Sopal SLB</b>	Cleansing agents	35.0	
<b>Sopal SFP</b>	Pearlizing agents	5.0	
Amaze XT	Conditioning and feel	0.15	
<b>Sopal Quat Rice Protein</b>	Moisturizing	0.20	
Crothix Liquid	Viscosity	1.5 – 2.5	
Fragrance & Dye	Fragrance & Dye	Q.S.	
Citric Acid	pH	Q.S.	
Lincocide PHOE	Preservative	1.0	
<p><b>INCI Designation:</b> Water, Disodium Laureth Sulfosuccinate, Disodium Cocoamphodiacetate, Cocamidopropyl Betaine, Cocamidopropylamine Oxide, Sodium Lauryl Sarcosinate, Sodium C14-C16 Olefin Sulfonate, Peg-150 Pentaerythryl Tetrastearate, PEG-6 Caprylic/Capric Glycerides Ethylene Glycol Monostearate, Phenoxy Ethanol, Xanthan Gum, Hydrolyzed Rice Protein, Fragrance, Dye</p>			

**SUPPLIERS:** Amaze XT – Akzo Nobel, Crothix Liquid – Croda, Lincocide PHOE – Lincoln Manufacturing.

### TYPICAL PROPERTIES

Appearance at 25°C:	Pearlescent Liquid
Brookfield Viscosity at 25°C:	5,000 – 10,000 cP
Ph as is @ 25C:	6.0 – 7.0
Active Surfactants, %:	15.0 – 17.5

#### WARNING

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This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of the present document and SCT is at their disposal to supply any additional information.

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