



## Conditioning Shampoo with Silsurf J208

Formulation: FH122

<u>Phase</u>	<u>Ingredient</u>	<u>INCI Name</u>	<u>%w/w</u>
<b>Part A</b>	Water	Aqua	38.77958
	Sodium Laureth Sulfate (2 mole EO)	Sodium Laureth Sulfate	53.00000
	<b>Silteric NS CAB (Siltech)</b>	<b>Cocamidopropyl Betaine</b>	5.00000
	<b>Silsurf J208 (Siltech)</b>	<b>PEG-8 Dimethicone</b>	1.20000
	FD&C Yellow #5		0.00040
	FD&C Orange #4		0.00002
<b>Part B</b>	Soyamide MEA	Soyamide MEA	1.00000
<b>Part C</b>	Citric Acid		0.02000
	Fragrance		0.40000
	Sodium Chloride	Sodium Chloride	0.50000
<b>Part D</b>	Euxyl K727		<u>0.10000</u>
			<b><u>100.00000</u></b>

### Procedure:

1. Into a clean and sanitized jacketed tank equipped with Propeller Mixer, meter in Deionized Water. Add Sodium Laureth sulfate, Silteric NS CAB, Silsurf J208 and dyes. Heat to 50°C and mix until homogeneous.
2. Into a separate cleaned and sanitized steel jacketed vessel weigh in a portion of the batch with the Soyamide MEA and heat to 65°C until uniform. Add to batch and mix until uniform.
3. Cool to 35°C, adjust pH, if necessary, with Citric Acid to 6.5 - 7.0.
4. Add Fragrance and sodium chloride and mix as viscosity increases. Do not incorporate air.
5. Add Euxyl K727 and mix until uniform.

Appearance: Clear uniform viscous liquid. pH 5.5-6.5.

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