

Cleansing Conditioner Featuring:  
 Silsoft\* Q PMF conditioning agent

HAIR CARE



Silsoft Q PMF conditioning agent helps cleansing conditioners like the one below provide benefits to hair, without weighing it down - making it an excellent candidate for fine or curly hair. The addition of Silsoft DML fluid can improve the spreading on hair enabling an easy thin distribution of the conditioner while providing a silky luxurious sensory.

Phase	Ingredients	INCI Name	Wt (%)
A	Water	Water	qs to 100
	Dehyquart <sup>†</sup> A-CA <sup>2</sup> (25%)	Cetrimonium Chloride	8.80
	Glycerin	Glycerin	3.00
	Panthenol	Panthenol	1.00
B	AMIDET <sup>†</sup> APA-22 <sup>3</sup>	Behenamidopropyl Dimethylamine	0.30
	Lanette <sup>†</sup> 16 <sup>2</sup>	Cetyl Alcohol	2.50
	Lanette 18 <sup>2</sup>	Stearyl Alcohol	3.50
	Coconut Oil	Coconut Oil	0.70
C	Dehyton <sup>†</sup> K2 (30%)	Cocamidopropyl Betaine	2.00
	Aloe Extract	Aloe Extract	1.00
	<b>Silsoft Q PMF conditioning agent<sup>†</sup> (20%)</b>	Water (and) Silicone Quaternium-18 (and) Trideceth-6 (and) Trideceth-12	2.70
	<b>Silsoft DML fluid<sup>†</sup></b>	Dimethicone	0.50
	Nutrilan <sup>†</sup> Milk <sup>2</sup>	Hydrolyzed Milk Protein	0.10
	Hydrotriticum <sup>†</sup> 2000 <sup>4</sup>	Hydrolyzed Wheat Protein (and) Water	0.10

**Procedure:**

- Mix all ingredients of phase A and heat to 85°C.
- Mix all ingredients of phase B and heat to 85°C.
- Add phase A to phase B under stirring. Let cool to 55°C. Homogenize for 1 - 2min (~ 9500 rpm).
- Add ingredients of phase C one at a time.
- Add fragrance and preservatives as desired and adjust pH to 5.5.

**Typical Physical Properties:**

Appearance:	White cream
pH:	4.0 – 6.0
Viscosity:	1000 – 5000 cPs
Stability:	3 months/45°C

Typical properties are average test data, may vary and are not to be used as or to develop specifications.

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# Cleansing Conditioner

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### Suppliers:

1. Momentive Performance Materials
2. BASF SE
3. Kao Chemicals Europe
4. Croda International Plc

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