



Conditioner (Silicone-Free)

DESCRIPTION

This formulation features **PolySuga® Quat S1210P** for a silicone free, natural based conditioner that hydrates your scalp and tames your fly-aways without leaving behind a greasy build up.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Polyquaternium-81	<i>Poly Suga® Quat S1210P</i>	6.50
3	Polyquaternium-10	Sensomer™ 10M Polymer ¹	0.10
4	Cetearyl Alcohol	Lanette O ²	5.50
5	Fragrance	Green Tea ³	0.20
6	DMDM Hydantoin and Iodopropynyl Butyl carbamate	Glydant Plus™ ⁴	0.30

PROCEDURE.

1. Heat water to 65°C. While heating, add 2, 3.
2. At 65°C, add 4 and mix until completely melted.
3. Homogenize and cool below 55°C.
4. Add remaining ingredients.

TYPICAL PROPERTIES

Appearance White Opaque Viscous Liquid
pH 6.0
Viscosity 30,000 cps

SUPPLIERS

¹Lubrizol, ²BASF, ³Premier, ⁴Lonza