



Conditioning Hair Mask

DESCRIPTION

This formulation features **Poly Suga® Quat S1210P**, **Cola® Lipid GS**, and **Cola® Moist 200** for a deep conditioning hair mask that nourishes and soothes your hair and scalp. While locking in moisture, it enhances smoothness and protects against pollution. Use for periodic deep-conditioning.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Cetyl Hydroxyethylcellulose	Natrosol™ Plus 330CS ¹	0.20
3	Hydroxypropyl Guar Hydroxypropyl Trimonium Chloride	N-Hance™ 3215 ¹	0.20
4	Polyquaternium-81	Poly Suga® Quat S1210P	8.00
5	Sodium GrapeSeedamidopropyl PG-Dimonium Chloride Phosphate	Cola® Lipid GS	1.00
6	Hydroxypropyl Bis-Hydroxyethylmonium Chloride	Cola® Moist 200	1.00
7	Cetearyl Alcohol	Lanette O ²	5.00
8	Fragrance	Oud Fragrance ³	0.20
9	Sodium Benzoate and Potassium Sorbate	Microcare® SB ⁴	0.50

PROCEDURE

1. Combine ingredients 1 – 3, hydrating per manufacturer's instructions.
2. Begin heating to 65°C. Once completely hydrated, add ingredients 4 – 6.
3. At 65°C, add ingredient 7 and mix until completely melted.
4. Homogenize and cool to 50 – 55°C.
5. Add remaining ingredients and cool to room temperature.

TYPICAL PROPERTIES

Appearance	Opaque
pH	5.0 – 5.5
Viscosity	150,000 cP

SUPPLIERS

¹Ashland, ²BASF, ³Orchidia, ⁴Thor

Colonial Chemical, Inc. *Natural Surfactants*

225 Colonial Drive • South Pittsburg, TN 37380 • Phone: 423-837-8800 • Fax: 423-837-3888

Technical information contained herein is believed to be accurate. However, it is furnished without charge or obligation and is given and accepted at the recipient's sole risk. No guarantee of the accuracy of the information is made and the products discussed are sold without conditions or warranties expressed or implied. No warranties beyond the guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of material is beyond our control. Purchasers should make their own tests and determine suitability of the product for their particular purposes. Nothing contained herein shall be considered a recommendation for any use that may infringe upon patent rights. Safety information regarding this product is contained in its Safety Data Sheet.