



Curl Repair Mask

DESCRIPTION

This palm-free, deep-conditioning hair mask is designed to hydrate and strengthen curls without weighing them down. Suitable for wavy, curly, and coily hair, this mask can be used as often as needed in place of a regular conditioner to combat dryness, frizz, and breakage. Featured ingredients include **Colonial S18PF** to smooth and detangle curls, **Cola®Quat Q80** to improve the feel and gloss, and **Cola®Moist BE 200 MB** to reduce breakage. To use: Apply to clean, wet hair from roots to ends and leave in for 5 minutes before rinsing.

FORMULATION

Order	INCI Name	Trade Name	Wt. %
1	Water	Water	qs to 100.00
2	Guar Hydroxypropyltrimonium Chloride	N-Hance™ 3215 ¹	0.10
3	Lactic Acid	PURAC® FCC 88 ²	0.80
4	Quaternium-80 and Propylene Glycol	Cola®Quat Q80	1.50
5	Hydroxypropyl Bis-Hydroxyethylidimonium Chloride	Cola®Moist BE 200 MB	1.00
6	Stearamidopropyl Dimethylamine	Colonial S18PF	2.00
7	Vitis Vinifera (Grape) Seed Oil	Grapeseed Oil	6.00
8	Butyrospermum Parkii (Shea) Butter	Shea Butter	1.50
9	Brassica Alcohol	SustOleo™ BA ³	6.00
10	Sodium Benzoate and Potassium Sorbate	Euxyl® K 712 ⁴	1.00
11	Fragrance	Oud Fragrance ⁵	0.20

PROCEDURE

1. In primary vessel, combine ingredients 1 – 2. Once well dispersed, add ingredient 3 and continue mixing for 30 minutes or until completely hydrated.
2. Once hydrated, add ingredients 4 – 5, then heat to 65 – 70°C.
3. In a separate vessel, combine ingredients 6 – 9 and heat to 65 – 70°C. Once at temperature, add to the primary vessel.
4. Mix until uniform, then begin to cool.
5. Once below 45°C, add remaining ingredients 10 – 11. Mix until uniform.

TYPICAL PROPERTIES

Appearance Opaque cream
pH 4.5 – 5.0

SUPPLIERS

¹Ashland, ²Corbion, ³Inolex, ⁴Schülke & Mayr, ⁵Orchidia Fragrances

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