



Formulation

No. 1020

Ethnic Shampoo (Salt-Free, Sulfate-Free)

DESCRIPTION

This formulation features **Cola® Carb TDC**, **Cola® Teric 2CM-40CG**, **Cola® Mate DSLS**, and **Poly Suga® Mulse D9**. This shampoo is free of harsh sulfates and salts that won't dry out your hair with added water soluble shea butter to smooth and moisturize.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Cocamidopropyl PG-Dimonium Chloride Phosphate	Cola® Carb TDC	8.00
3	Potassium Hydroxide		0.80
4	Sodium Lauroyl Sarcosinate	Perlastan® L-30 ¹	5.00
5	Disodium Cocoamphodipropionate	Cola® Teric 2CM-40CG	12.00
6	Disodium Laureth Sulfosuccinate	Cola® Mate DSLS	3.00
7	PEG-50 Shea Butter	Liponate® SB-50 ²	2.00
8	PEG-150 Pentaerythrityl Tetrastearate	Crothix ³	2.00
9	Sorbitan Oleate Decylglucoside Crosspolymer	Poly Suga® Mulse D9	1.00
10	Fragrance		0.50
11	Preservative		qs

PROCEDURE

1. Combine ingredients 1 – 2.
2. Adjust pH to 6.0 with Potassium Hydroxide.
3. Add ingredients 4 – 7.
4. Heat to 50 – 60°C.
5. Add ingredient 8. Mix until completely dissolved.
6. Cool to 45°C. Add remaining ingredients.

TYPICAL PROPERTIES

Appearance Clear Liquid
 pH 6.0
 Viscosity 3,000 cps

SUPPLIERS

¹Struktol, ²Lipo, ³Croda

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