



Formulation

No. 1020

No Salt Added Shampoo for Textured Hair (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	Trideceth-7 Carboxylic Acid	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 cP

SUPPLIERS

¹Struktol, ²Lipo, ³Croda

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