

Formulation

A sustainable take on a traditional shampoo, this waterless bar cleans without stripping. AminoSensyl® HC rehydrates and conditions hair. LexFeel® N5 MB provides combability with the benefit of silicone-free.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
AminoSensyl™ HC	Brassica Alcohol (and) Brassicyl Valinate Esylate	100% natural, quat-free hair conditioning system. Adding this novel cationic system to shampoos creates a moisturized, non-stripping formula such as a co-wash or 2-in-1 product.	10.0000
SustOleo™ BA	Brassica Alcohol	Emulsifier	6.0000
LexFeel® N5 MB	Diheptyl Succinate (and) Capryloyl Glycerin/Sebacic Acid Copolymer	Emollient	4.5000
Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	-	1.2000
Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	-	0.5000
Argan Oil	Argania Spinosa Kernel Oil	-	0.4000
TAPIOCA NATURAL 9096	Tapioca Starch	Rheological Modifiers Absorbents	14.5000
Bio-Terge® AS-90 Beads	Sodium (C14-16) Olefin Sulfonate	-	29.0000
Pureact I-85E Flake	Sodium Cocoyl Isethionate	-	29.0000
Lexgard® O	Caprylyl Glycol	Preservatives Humectant	1.0000
Deionized Water	Water	-	2.4000
Coconut & Green Tea	Fragrance	-	1.0000
FD&C Yellow No. 5 (1% Solution)	Acid Yellow 23 (CI 19140)	-	0.5000

Specifications

PH TARGET

6.30 - 6.30

PROCEDURE

Combine Items 1 - 6 main batch and heat to 80 °C while gently anchor mixing.

Maintaining temperature, slowly add Item 7 to main batch with moderate speed anchor mixing.

Combine Items 8 and 9 and gently anchor mix until uniform, then slowly add to main batch.

Combine Items 10 - 13 and add to the main batch while anchor mixing. Remove from heat.

Continue mixing while cooling. Once the dough cools to 50 °C to 65 °C, lightly dust a mold with tapioca starch and press into shape.

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