

Formulation

This creamy conditioner is 100% biobased with a new breakthrough in amino-acid based hair care, AminoSensyl® HC, that conditions, smooths and strengthens all hair types.

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	-	7.0000
SustOleo™ BA	Brassica Alcohol	Emulsifier	2.0000
LexFeel® N350 MB	Diheptyl Succinate (and) Capryloyl Glycerin/ Sebacic Acid Copolymer	Emollient	2.0000
Argan Oil	Argania Spinosa Kernel Oil	-	0.5000
Avocado Oil	Persea Gratissima (Avocado) Oil	Emollient Delivery Systems / Carriers Skin Conditioning Agent	0.5000
Deionized Water	Water	-	85.0000
Glycerin	Glycerin	-	2.0000
Spectrastat™ G2 Natural MB	Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Emollient Skin Conditioning Agent	1.0000

Specifications

VISCOSITY

20,000 - 30,000 cps

PH TARGET

3.50 - 5.00

PROCEDURE

Combine Items 6 - 8 (main batch) in a beaker and heat to 75 °C to 80 °C in a water bath.

Add Items 1 - 5, one by one into the main batch with propeller mixing at medium to high speed and maintain the heat to 75 °C to 80 °C in a water bath. Mix until all waxes are melted.

At 70 °C to 75 °C, homogenize at 3000 rpm for 2 min to 3 min.

Around 65 °C, transfer the main batch to slow to medium anchor mixing.

Stop mixing at 45 °C to 50 °C.