

Formulation

A leave-in conditioner spray that creates smoother and more defined curls. Quat-free AminoSensyl® HC provides safe, nourishing conditioning without weighing hair down, ideal for a bouncy and hydrated natural curl.

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	® HC 100% natural, quat-free hair care system. This novel cationic amino lipid creates rich textures and provides deep moisturization for soft, weightless conditioning.	7.5000
LexFeel® WOW	Triheptanoin (and) C13-16 Isoalkane (formerly C13-16 Isoparaffin)	Solvents	1.0000
LexFeel® N350 MB	Diheptyl Succinate (and) Capryloyl Glycerin/ Sebacic Acid Copolymer	Emollient	2.0000
Avocado Oil	Persea Gratissima (Avocado) Oil	Emollient Delivery Systems / Carriers Skin Conditioning Agent	2.0000
Deionized Water	Water	-	82.7000
Glycerin	Glycerin	-	3.0000
Spectrastat™ G2 Natural MB	Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Emollient Skin Conditioning Agent	1.0000
PhytoTrace™ Saffron	Crocus Sativus Flower Extract (and) Glycerin (and) Water	-	0.2500
PhytoTrace™ Rice	Oryza Sativa (Rice) Extract (and) Glycerin (and) Water	-	0.2500
Coconut & Green Tea	Fragrance	-	0.3000

Specifications**VISCOSITY**

11,500 - 23,000 cps

PH TARGET

3.50 - 4.50

PROCEDURE

Combine Item 5 - 7 (main batch) and start heating to 80 °C to 85 °C in a water bath. 3 % to 5 % of water was compensated up front for water loss during the heating process.

At 55 °C to 60 °C, add Item 1 into main batch while using medium to high propeller stirring.

At 70 °C to 75 °C, add Items 2 - 4 into main batch while using medium to high propeller stirring.

At 75 °C to 80 °C, continue mixing at medium speed for 10 min to 15 min. Ensure all items are melted and uniformly dispersed.

At 75 °C to 80 °C, homogenize at 2500 rpm for 2 min to 3 min.

Transfer to slow to medium anchor mixing.

At 50 °C to 55 °C, add Items 8 - 10, one at a time to the main batch.

Stop mixing at 40 °C to 45 °C. Allow to cool to room temperature.

Once fully cooled, homogenize at 2000 rpm for 2 min to 3 min to whip in air and create fluffy texture.