

Split End Repair Cream

Inolex

Formulation

This luxurious cream uses the novel weightless conditioning power of 100% natural and quat-free AminoSensyl® HC to infuse life and shine into dry hair, and to repair heat damage, manage flyaways and quench split ends.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Cetyl Alcohol	Cetyl Alcohol (and) Myristyl Alcohol (and) Stearyl Alcohol	-	5.0000
LexFeel® N5 MB	Diheptyl Succinate (and) Capryloyl Glycerin/ Sebacic Acid Copolymer	Emollient	5.0000
Coconut Oil	Cocos Nucifera (Coconut) Oil	Emollient	10.0000
AminoSensyl™ HC	Brassica Alcohol (and) Brassicyl Valinate Esylate	® HC100% natural, quat-free hair care system. Perfect for leave-in products, this novel cationic system creates rich textures and deep moisturization with a soft, weightless after-feel.	12.5000
Deionized Water	Water	-	61.5000
Glycerin	Glycerin	-	5.0000
Benzostat™	Caprylhydroxamic Acid (and) Benzyl Alcohol (and) Glycerin	Preservatives Preservative Boosters Chelating Agents / Sequestrants Antimicrobials	1.0000

Specifications

VISCOSITY

69,000 - 100,000 cps

PH TARGET

3.50 - 4.50

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PROCEDURE

Combine Items 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 4 into main batch while using medium to high propeller stirring.

At 70 °C to 75 °C, add Items 1 - 3 into main batch while using medium to high propeller stirring.

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

At 75 °C to 80 °C, homogenize at 3000 rpm for 2 min to 3 min.

Transfer to slow to medium anchor mixing.

Stop mixing at 45 °C to 50°C. Allow to cool to room temperature.