

Formulation

A versatile, deeply hydrating cream to reinvigorate dry, dull skin. The emulsification power coupled with the novel quat-free cationic structure of AminoSensyl® SC allows for a high oil load with a soft, powdery afterfeel.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
AminoSensyl™ SC	Brassica Alcohol (and) Brassicyl Valinate Esylate (and) Brassica Glycerides	® SC Cationic emulsification system provides structure and stability. AminoSensyl® SC provides the powdery soft skin-feel. Stabilizes high oil loads without a greasy skin-feel.	10.0000
Sunflower Seed Oil	Helianthus Annuus (Sunflower) Seed Oil	-	8.3300
Lexol™ GT-865 MB	Caprylic/Capric Triglyceride	-	8.3300
Lexol™ IPP MB	Isopropyl Palmitate	Traditional emollient, 86 % certified biobased content and RSPO Mass Balance certified.	8.3300
Deionized Water	Water	-	62.6100
Spectrastat™ G2 Natural MB	Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Emollient Skin Conditioning Agent	1.0000
Gluconal® CAM-P-IN	Calcium Gluconate Monohydrate	-	1.4000

Specifications

VISCOSITY

45,000 - 65,000 cps

PH TARGET

4.00 - 4.50

PROCEDURE

Heat Item 5 (main batch) to 70 °C to 80 °C in a water bath. Add Item 7 into hot deionized water and then add Item 6 into main batch with mixing at medium speed.

At 70 °C to 80°C, add Item 1 into the main batch and maintain the heat. Mix at medium speed.

When waxes are melted and uniformed, begin to add Items 2 - 4, one by one with heating at 70 °C to 80 °C and mixing at medium speed.

At 70 °C to 75 °C, transfer the batch to homogenization at 2500 rpm for 2 min to 3 min.

At 65 °C, allow batch to cool in the air with anchor mixing at medium speed.

Gently mix while cooling. Below 60 °C, reduce the mixing speed to low to medium.

Stop mixing at 45 °C to 50 °C.