

Climate Smart Serum

3128-1.09



- +** Fluid as silk
- +** Cocoon serum
- +** Climate adaptation

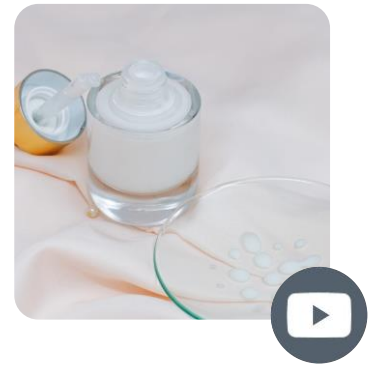
Phase	Name	INCI	Supplier	%
A1	DEMINEALIZED WATER	WATER	–	60.15
	TAPIOCA NATURAL 9096	TAPIOCA STARCH	AGRANA	3.00
A2	GLYCERIN	GLYCERIN	–	5.00
	SATIAXANE™ VPC 911	XANTHAN GUM	CARGILL	0.20
A3	DEMINEALIZED WATER	WATER	–	10.00
	EUMULGIN® SG	SODIUM STEAROYL GLUTAMATE	BASF	0.30
B	EMULIUM® MELLIFERA MB	POLYGLYCERYL-6 DISTEARATE, JOJOBA ESTERS, CETYL ALCOHOL, POLYGLYCERYL-3 BEESWAX	GATTEFOSSÉ	3.00
	CETIOL® C5	COCO-CAPRYLATE	BASF	15.00
	COSPHADERM® DICAPO NATURAL	CAPRYLYL GLYCOL, PROPANEDIOL, GLYCERYL PALMITATE	COSPHATEC	1.00
C	SILKARESS™	FRUCTOSE, WATER, PROPANEDIOL, MORUS ALBA LEAF EXTRACT	GATTEFOSSÉ	2.00
	PERFUME POLAIRE 1 ITM0726034	FRAGRANCE	ARGEVILLE	0.20
D	CITRIC ACID (10% SOL.)	WATER, CITRIC ACID	–	0.15
				100.00

Operating instructions

- Heat the water of phase A1 to 75°C and disperse Tapioca Natural 9096 under moderate shear for 15 minutes.
- Prepare the premix A2, add into A1 and mix under moderate shear until homogeneous.
- Heat the water of phase A3 to 75°C and solubilize Eumulgin® SG. Then add slowly in A1+A2 under moderate mixing and check homogeneity of water phase A.
- Weigh oil phase B and heat at 75°C. Check homogeneity.
- Proceed with the emulsion of oil phase B into water phase A at 75°C under moderate shear (1500rpm) and then increase to high shear (3000rpm) for 10-15 minutes.
- Cool down under moderate mixing until reaching 35°C. Add ingredients of phase C one by one and mix for 5 minutes. Check that the emulsion is homogeneous. Continue to cool down.
- Check pH and adjust, if necessary, with phase D.

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Description

Discover a light and fluid serum adapted to any environment.

Featuring **Silkaress™**, it provides the skin with better resilience to climatic stressors. Protected from seasonal extremes, the skin is visibly more hydrated and softer.

This light texture is emulsified thanks to **Emulium® Mellifera MB**, an active emulsifier, that forms a soft and barely perceptible protective veil in any weather condition.

Specifications

- + Aspect: fluid like water white serum
- + Viscosity Brookfield RV (spindle A, speed 5): approx. 2 000 mPa.s after 24h
- + 99.8% natural origin (ISO 16128)
- + pH: 6.5 ± 0.3

Ingredients

- **Emulium® Mellifera MB**, a natural O/W sensorial emulsifier, creates a light and fluid texture that brings an imperceptible yet moisturizing and protective film. Sensory analysis demonstrated very good results comparing textures in hot humid conditions versus temperate climate with this wax butter technology based ingredient.
- Tapioca Natural 9096 is a starch that provides a smooth and velvety finish.
- Cetiol® C5 is a fast spreading and light emollient, suitable as an alternative to volatile silicones.
- Cosphaderm® Dicapo Natural gives a full-spectrum antimicrobial protection over a broad pH range (3.5 - 7.5).
- **Silkaress™** is a bio-inspired active that help skin adapt to unpredictable environmental stressors. Acting on protein phosphorylation, it optimizes the skin's resilience, while preserving the integrity of its barrier function. The skin looks visibly more hydrated, smoother, and wrapped in a soft, and comforting veil of protection.