

Silky Face Serum

2654-2.06



- + Fluid texture**
- + High spreadability**
- + Soft feel**

Phase	Name	INCI	Supplier	%
A1	DEMINEALIZED WATER	WATER	-	74.3
	STRUCTURE® XL	HYDROXYPROPYL STARCH PHOSPHATE	NOURYON	3.0
A2	1,3-PROPANEDIOL	PROPANEDIOL	-	10.0
	SATIAXANE™ VPC 911	XANTHAN GUM	CARGILL	0.2
B1	EMULIUM® DERMOLEA MB	POLYGLYCERYL-6 DISTEARATE, CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	GATTEFOSSE	2.0
	CETIOL® OE	DICAPRYLYL ETHER	BASF	2.0
	ACTICIRE® MB	JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, POLYGLYCERIN-3, ACACIA DECURRENS FLOWER WAX	GATTEFOSSE	2.0
B2	LEXFEEL™ WOW-A-DT	C13-16 ISOPARAFFIN, HEPTYL UNDECYLENATE	INOLEX	2.0
C	EUXYL™ K 712	WATER, SODIUM BENZOATE, POTASSIUM SORBATE	SCHULKE & MAYR	1.0
	SOLASTEMIS™	FRUCTOSE, WATER, GLYCERIN, SECHIUM EDULE FRUIT EXTRACT	GATTEFOSSE	2.0
	ENERGINIUS®	FRUCTOSE, GLYCERIN, WATER, WITHANIA SOMNIFERA ROOT EXTRACT	GATTEFOSSE	1.0
D	CITRIC ACID (10% SOL.)	WATER, CITRIC ACID	-	0.5
				100.00

Operating instructions

- Heat A1 to 75°C and disperse Structure XL for 15 minutes under high shear.
- Prepare premix A2.
- Add A2 into A1 under moderate shear.
- Heat B1 to 70°C.
- Add B1 into A under high shear (2500 rpm) at 70°C for 10 minutes.
- Cool under moderate shear.
- At 50°C add B2 under high shear for 5 minutes, then cool.
- Add C below 40°C.
- Adjust pH with D.

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Description

This serum is as soft as silk! It applies easily on the skin thanks to its light and fluid texture. However, it leaves a thin, soft moisturizing film with no sticky residue.

Specifications

- + Aspect:
Fluid white emulsion
- + Viscosity Brookfield RV (spindle A, speed 5):
approx. 8000 mPa.s after 24h
- + pH: 5.5 ± 0.5
- + Natural origin >99%

Ingredients

- **Emulium® Dermolea MB** is a 100% natural origin O/W emulsifier which supports the skin barrier function and reduces skin sensivity. Just 2% of this emulsifier is sufficient to emulsify a low amount of oil phase and maintain a low viscosity.
- **Acticire® MB** is both a moisturizing and texturizing agent. It brings softness and unctuousity to the serum.
- Propanediol at 10% has a preservative action and is a good humectant. It also helps to achieve high spreadability and gives a slight translucent aspect to the formula.
- Satiaxane™ VPC 911 (Xanthan gum) and Structure® XL are aqueous gelling agents. Xanthan gum is easier to disperse when premixed with a glycol such as propanediol.
- Lexfeel™ WOW-A-DT and Cetiol® OE are emollients that bring a light feel.
- **Solastemis™** is an active ingredient that protects the DNA of keratinocytes from UVA rays, boosts endogenous DNA repair system and shields the skin from photo-aging.
- **EnergiNius®** protects skin cells from screen-emitted artificial visible light, an added environmental stress induced by a modern lifestyle.
- Euxyl™ K 712 is a preservative system that can be used for natural certified cosmetics.