

Soothe & Shield Serum

3022-1.09



+ Silky texture

+ Adapted to all climates

+ For sensitive skin

Phase	Name	INCI	Supplier	%
A1	DEMINEALIZED WATER	WATER	-	78.75
	AVICEL® PC 591	MICROCRYSTALLINE CELLULOSE, CELLULOSE GUM	DUPONT	1.00
A2	BUTYLENE GLYCOL	BUTYLENE GLYCOL	-	8.00
	SATIAXANE™ VPC 911	XANTHAN GUM	CARGILL	0.15
A3	SYMSAVE® H	HYDROXYACETOPHENONE	SYMRISE	0.50
	LECINOL® S-10	HYDROGENATED LECITHIN	NIKKO CHEMICALS CO	0.40
B	EMULIUM® DERMOLEA MB	POLYGLYCERYL-6 DISTEARATE, CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	GATTEFOSSE	2.50
	ACTICIRE® MB	JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, POLYGLYCERIN-3, ACACIA DECURRENS FLOWER WAX	GATTEFOSSE	2.00
	MOD MB	OCTYLDODECYL MYRISTATE	GATTEFOSSE	4.00
C	NOXIFENSE™	PROPANEDIOL, HIPPOPHAE RHAMNOIDES EXTRACT	GATTEFOSSE	1.00
	SYMDIOL® 68	CAPRYLYL GLYCOL, HEXANEDIOL	SYMRISE	1.50
D	PERFUME PRODIGE NEW ITM0533707	PARFUM	DOMAINE D'ARGEVILLE	0.20
				100.00

Operating instructions

- Heat water phase A1 to 50°C, disperse until completely homogeneous.
- Add the premix phase A2 and disperse until completely homogeneous.
- Add phase A3 and heat at 70-72°C. Disperse until completely homogeneous and solubilized.
- Prepare oil phase B and heat at 70-72°C. Check that the phase is completely melted and homogeneous.
- Proceed with the emulsion of oil phase B into water phase A at 70-72°C (do not exceed 75°C) under medium shear and then increase to high shear (3000 rpm) with rotor stator for 10 minutes.
- Begin to cool down under moderate mixing
- Under 30°C, add phase C, and then phase D. Check the homogeneity of the formula.
- Check pH and adjust if necessary.



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Description

Designed for sensitive skin, this serum reduces oxi-inflammation thanks to **Noxifense™**.

This silky texture was developed in collaboration between Chinese and French Gattefossé laboratories, by ensuring a light sensory in all types of climates, thanks to two ingredients based on the wax butter technology: **Emulium® Dermolea MB** and **Acticire® MB**.

Specifications

- + Aspect: Fluid white emulsion
- + Viscosity Brookfield RV (spindle A, speed 5): approx. 10 000 mPa.s after 24h
- + pH: 6.3 ± 0.3
- + >97.7% natural origin (ISO 16128)

Ingredients

- **Emulium® Dermolea MB** is a 100% natural origin O/W emulsifier which supports the skin barrier function and reduces skin sensitivity. 2.5% of this emulsifier is sufficient to emulsify a low amount of oil phase and maintain a low viscosity that is researched for serum formulas.
- To ensure a perfect stability at this low viscosity, Lecinol® S-10 was added as co-emulsifier.
- Satiaxane™ VPC 911 and Avicel® PC 591 are aqueous gelling agents. They help stabilization.
- **MOD MB** is an emollient providing a rich feel and improving the spreadability.
- **Acticire® MB** is both a moisturizing and texturizing agent. It brings softness and unctuousity to the serum. It also helps to reduce sensory differences between tempered and tropical climate.
- **Noxifense™** is protects epidermal lipids from exposome-induced damage, fortify skin defense mechanisms, and disrupt the oxi-inflammatory cycle. Under harsh conditions, Noxifense™ helps sensitive skin to regain their glow and comfort.
- SymSave® H and SymDiol® 78 are synthetic preservatives. SymSave® H needs to be heated at 70°C to be well solubilized.