

Perfecting Screen SPF50+

1701-1.27



+

Day care

+

Glowing skin

+

Improved skin texture

Phase	Name	INCI	Supplier	%
A1	DEMINERALIZED WATER	WATER	-	39.38
	AVICEL® PC 611	MICROCRYSTALLINE CELLULOSE, CELLULOSE GUM	FMC	1.10
A2	SATIAXANE™ CX91	XANTHAN GUM	Cargill	0.15
	BUTYLENE GLYCOL	BUTYLENE GLYCOL	-	2.00
	PROPYLENE GLYCOL	PROPYLENE GLYCOL	-	2.00
A3	E.D.T.A. DISODIUM SALT	DISODIUM EDTA	-	0.10
A4	AMPHISOL® K	POTASSIUM CETYL PHOSPHATE	DSM	0.30
A5	DEMINERALIZED WATER	WATER	-	6.00
	SODIUM HYDROXIDE (10 % SOL.)	WATER, SODIUM HYDROXIDE	-	1.40
	PARSOL® HS	PHENYLBENZIMIDAZOLE SULFONIC ACID	DSM	1.00
B	EMULIUM® MELLIFERA MB	POLYGLYCERYL-6 DISTEARATE, JOJOBA ESTERS, POLYGLYCERYL-3 BEESWAX, CETYL ALCOHOL	Gattefossé	3.00
	CETIOL® SENSOFT	PROPYLHEPTYL CAPRYLATE	BASF	4.00
	SCHERCEMOL™ DIS ESTER	DIISOPROPYL SEBACATE	Lubrizol	3.00
	PARSOL® 1789	BUTYL METHOXYDIBENZOYL METHANE	DSM	3.00
	TINOSORB® S	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	BASF	3.00
	UVINUL® A PLUS	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	BASF	2.00
	UVINUL® T 150	ETHYLHEXYL TRIAZONE	BASF	1.00
	PARSOL® MCX	ETHYLHEXYL METHOXYCINNAMATE	DSM	6.00
	PARSOL® EHS	ETHYLHEXYL SALICYLATE	DSM	4.00
	PARSOL® 340	OCTOCRYLENE	DSM	4.00
	TINOGARD® TL	BENZOTRIAZOLYL DODECYL P-CRESOL	BASF	0.50
C	TINOSORB® M	METHYLENE BIS-BENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL, WATER, DECYL GLUCOSIDE, PROPYLENE GLYCOL, XANTHAN GUM	BASF	6.00
	DEMINERALIZED WATER	WATER	-	3.00
D	PRESERVATIVE	PRESERVATIVE	-	0.70
	PARFUM DOME RELAX RS59716	PARFUM	Technico-Flor	0.30
E	GATULINE® RADIANCE	PROPANEDIOL, EVODIA RUTAECARPA FRUIT EXTRACT	Gattefossé	2.00
	GATULINE® RENEW	BUTYLENE GLYCOL, WATER, CRYPTOMERIA JAPONICA BUD EXTRACT	Gattefossé	1.00
F	SODIUM HYDROXIDE (10 % SOL.)	WATER, SODIUM HYDROXIDE	-	0.07
				100.00

Operating instructions

- Disperse Avicel® into water heated to 75°C under high shear during 10 minutes.
- Premix A2 and add into A1 under mixing (propeller). Let the gel swell for a few minutes and add A3 under mixing.
- Premix A5 until complete solubilization of Parsol® HS and add to A1+A2+A3+A4. Heat up to 75°C to make the emulsion.
- Premix and heat B to 80°C until complete solubilization.
- Cool to 75°C to make the emulsion.
- Pour B slowly into A under mixing and mix at 2500rpm for 15 minutes.
- Cool under moderate mixing (800 rpm) to 50°C and add C premixed into the emulsion. Mix under 2500 rpm during 2 minutes (to make sure C is well dispersed into the emulsion).
- Cool to 35°C under moderate mixing (800rpm) and add D and E.
- Cool to 25-27°C under moderate mixing (800rpm).
- Ensure that final pH is above 7.2 with F.



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Description

This formulation is the ultimate day cream for a flawless skin. It gives a perfecting glow to the skin, thanks to Gatuline® Radiance combined to high protection, and a retexturizing anti-aging effect, thanks to Gatuline® Renew, while having a light and smooth texture with the comfort of Emulium® Mellifera MB.

Specifications

- + Aspect:
Light yellow sprayable emulsion
- + pH = 7.3 ± 0.3
- + Viscosity Brookfield RV (spindle 2, speed 5):
approx. 4000 mPa.s after 24h
- + *SPF in vivo* (ISO 24 444): 63 (5 subjects)
UVA in vitro (ISO 24 443): 21.4
Critical wavelength (ISO 24 443) = 378 nm
UVA / PA++++

Ingredients

- **Emulium® Mellifera MB** at 3% creates a stable and pleasant cream with an ideal lightness for a sunscreen.
- Parsol® 1789 and Uvinul® A Plus are UVA filters and Tinosorb® T 150, Parsol® EHS, Parsol® MCX and Parsol® 340 are UVB filters. Tinosorb® S and Tinosorb® M are broadspectrum UV filters. Parsol® HS is a hydrosoluble UVB filter.
- Tinogard® TL contributes to the formulation photostability.
- Amphisol® K is a co-emulsifier that improves the stability in presence of sun filters.
- Cetiol® Sensoft, Schercemol™ DIS Ester, Butylene Glycol and Propylene Glycol are emollients used to limit the film residue and tacky afterfeel.
- **Gatuline® Renew** is a Japanese cedar tree bud extract accelerating the natural renewal process of the epidermis, making the skin look younger.
- **Gatuline® Radiance** enhances all aspects of a radiant complexion, including skin color, brightness and luminosity.