



EU07753 | PROTECTIVE SUN GEL

SPF 30 (calculated SPF 39)*



Cream Gel

High UV protection

Fresh sensory

Light skin feel

A	Ethylhexyl Methoxycinnamate	7.50%
	Ethylhexyl Triazone	3.00%
	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	1.50%
	Homomenthyl Salicylate	3.00%
	EMOGREEN™ HP 40	14.00%
B	SEPIMAX™ ZEN	0.15%
	SEPI NOV™ EMT 10	0.90%
C	D.I Water	Up to 100%
D	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol	5.50%
	Phenoxyethanol (and) Ethylhexylglycerin	1.00%
	Phenylpropanol (and) Caprylyl Glycol	0.50%
	Perfume	0.15%
	E	Citric acid (20%)

Yellowish cream / Packaging: Tube

FORMULATION ADVICES: Laboratory scale - 300 g Anchor stirrer & Silverson rotor/stator

Mix phase A and heat to 85°C until it becomes clear. Add phase B into phase A and stir it until uniformity. Heat phase C to 85°C. Add phase C into phase A+B, homogenize it with Silverson at 4000 rpm for 4 min. Cool down and add phase D and stir it with anchor stirrer at 300 rpm for 5 min. Add phase E to adjust pH value to 6.5 and stir it gently.

Thanks to its cream-gel texture, this sun cream combines protection & light skin feel for a bewitching customer experience

EMOGREEN™ HP 40 displays double benefits as it helps to gisperse UV filters thanks to 60% of **EMOGREEN™ L19** and delivers great water resistance and sustantivity of the sunscreen on the skin thanks to film forming properties. (C15-19 Alkane and Hydrogenated Polyfarnesene (Plant-based & Renewable))

EMOGREEN™ HP 40 is a non polar and inherently biodegradable, bio-sourced emollient. It's a sustainable alternative to heavy silicones in formulation. This high purity versatile texturing ingredient brings comfort to the hair and the skin. Multifaceted ingredient, it provides film forming properties with a soft and supple afterfeel. Its silky protective effect and its versatility will be appreciated in Sun Care applications.

The combination **SEPI NOV™ EMT 10** and **SEPIMAX ZEN™** efficiently stabilizes a SPF 30 formula while providing a light and fresh skin feel.

SEPI NOV™ EMT 10 (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer) thickens and stabilizes formulation even in presence of a high percentage of oily phase. It gives a "satin" touch, glide-on, and freshness.

SEPIMAX ZEN™ (Polyacrylate Crosspolymer-6) is highly compatible with sun filters. It thickens the texture reinforces the formula stability of this formula containing 15% of sun filters.

ADDITIONAL INGREDIENTS: PHENOXYLETHANOL & ETHYLHEXYLGLYCERIN: EUXYL PE9010 (SCHÜLKE & MAYR) / ETHYLHEXYL METHOXYCINNAMATE: UVINUL® MC 80 (BASF) / ETHYLHEXYL TRIAZONE: UVINUL® T 150 (BASF) / HOMOMENTHYL SALICYLATE: NEO HELIOPAN® HMS (SYMRISE) / BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE: TINSORB® S (BASF) / METHYLENE BIS-BENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL: TINSORB® M (BASF) / FRAGRANCE - FRAG272783 (DROM)

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A company