

# THE SUN SHIELD (EU07841)

A unique sunscreen that leave the skin smooth, hydrated and protected.

<b>A</b>	Aqua/Water		48.00%
	Glycerin		3.00%
<b>B</b>	<b>FLUIDIFEEL™ EASY</b> (Lauryl Glucoside, Myristyl Glucoside, Polyglyceryl-6 Laurate)	<b>Seppic</b>	<b>3.00%</b>
	<b>MONTANOV™ 82</b> (Cetearyl Alcohol, Coco-Glucoside)	<b>Seppic</b>	<b>2.00%</b>
	<b>SEPINOV™ WEO</b> (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)	<b>Seppic</b>	<b>1.00%</b>
	<b>EMOGREEN™ L19</b> (C15-19 Alkane)	<b>Seppic</b>	<b>7.00%</b>
	<b>EMOSMART™ V21</b> (C18-21 Alkane)	<b>Seppic</b>	<b>5.00%</b>
	<b>DUB THG</b> (Triheptanoin)	<b>Stearinerie Dubois</b>	<b>10.00%</b>
	<b>DUB ESTOLINE</b> (Ethylhexyl polyhydroxystearate)	<b>Stearinerie Dubois</b>	<b>2.00%</b>
<b>C</b>	Zinc Oxide, Triethoxycaprylsilane	Symrise	15.00%
	<b>ANTILEUKINE 6™</b> (Caprylic/Capric Triglyceride, Laminaria Ochroleuca Extract)	<b>Seppic</b>	<b>2.00%</b>
	<b>HETEROSIDES</b> (Centella Asiatica Leaf Extract)	<b>Seppic</b>	<b>0.20%</b>
	<b>CELTOSOME™ CRITHMUM MARITIMUM</b> (Crithmum Maritimum Callus Culture Filtrate)	<b>Seppic</b>	<b>0.20%</b>
	Phenylpropanol, Propanediol, Caprylyl Glycol, Tocopherol	DKSH	1.00%
	Fragrance Golden sand	EP	0.05%
	Sol. 1% Yellow colorant		0.15%
Sol. 12% Citric acid		qs pH	

**Aspect :** Yellow glossy cream

**pH: 7 / VISCOSITIES: 1D at RT:** 24 900 mPa.s Brookfield M4V6, **after 1M at TA:** 13 100 mPa.s Brookfield M4V6

**Recovery at RT (after 1M at 45°C):** 13 400 mPa.s Brookfield M4V6

**STABILITY:** 3M at RT, 45°C

## FORMULATION ADVICES: Pilot scale - 5kg batch - Trimix, defloculator

Combine phase A and heat to 85°C, Combine phase B (except FLUIDIFEEL™ EASY, SEPINOV™ WEO and Zinc Oxide, Triethoxycaprylsilane) and heat to 85°C, Add the three last ingredient in phase B and disperse phase B into phase A and homogenize for 4 minutes @ 4,000 rpm. Cool down batch to 40°C and add one by one ingredient from phase C while mixing under anchor.

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## HIGHLIGHT:

**MONTANOV™ 82, FLUIDIFEEL™ EASY and SEPINOV™ WEO** create and stabilize this glossy & soft emulsion.

**EMOGREEN™ L19** with its silicon-like sensoriality, brings comfort.

**HETEROSIDES, ANTILEUKINE 6™, CELTOSOME™ CRITHMUM MARITIMUM**, a trio of actives for moisturising, hyperpigmentation reduction & photo-ageing prevention.

*Apply on skin before exposure. Renew frequently.*



NATURALITY PROFILE according to ISO 16128 norm

SOFT TEXTURE

DNA PROTECTION

UV RAYS PROTECTION