

## MINERAL SUN CREAM (SPF 50)

#HydratedSkin #PerfectTan #WithoutSunBurns #SkinCare

### Description

Summer time is coming, and we must always be protected. Solar radiation are more intense, leaving annoying and painful burns. That is why we want to show you this SPF50 sun cream. A cream that hydrates the skin and leaves a smooth texture, it is resistant to water and quickly absorbed. Because enjoying sunny days shouldn't be a problem!

### Ingredients

**Ewocream** let the power of flaxseed oil hydrate your skin with a smooth texture with water resistant properties.

**Massocare PHS** improves the stability of dispersions with higher solids content.

**Genecare® OSMS BA** an upcycled osmolyte to control water balance and protect cells from environmental stress like oxidative (UV radiations) and thermal stress (dehydration).

**Natura-Tec Abysoft** emolliency and hydration from exotic Crambe Abyssinian oil.

**Sebumol ODPC** is an easy spreading, fast absorbing ester leaving a soft skin feel. It provides an exceptional silky and non-oily skin feel.

**Cosphaderm FEEL** 100% natural ingredient derived from castor oil. Is a brilliant solvent for UV filters and is perfectly suited for sun protection products.

### How to use

Apply generously to dry skin before sun exposure and reapply frequently.

### INCI List

Caprylic/Capric Triglyceride, Aqua, Zinc oxide, Titanium Dioxide, Coco-caprylate/caprinate, Isostearyl Isostearate, Polyglyceryl-3 sorbitan Linum usitatissimum (linseed) oil, Octyldodecyl PCA, Betaine, Crambe Abyssinica Seed Oil Phytosterol Esters, Glycerin, Polyhydroxystearic acid, Triheptanoin, Magnesium Sulfate, Aluminum Stearate, Alumina, Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate, Hydrogenated Castor Oil, Parfum, Tocopherol (mixed),  $\beta$ -sitosterol, Squalene

**Natural Origin 97%** (ISO 16128)



Request a sample

Ref. E11/O-0230/08

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TRADE NAME (INCI)	FUNCTION	SUPPLIER	% w/w
<b>A</b>			
<b>Ewocream</b> (Polyglyceryl-3 sorbitan Linum usitatissimum (linseed) oil)	w/o emulsifier	(1)	4.00
<b>Massocare CCC MB</b> (Coco-caprylate/caprate)	emollient	(2)	5.00
<b>Massocare ISI</b> (Isostearyl Isostearate)	emollient	(2)	5.00
<b>Cosphaderm Feel</b> (Triheptanoin)	emollient	(3)	1.00
<b>Sebumol ODPC</b> (Octyldodecyl PCA)	moisturising emollient	(4)	4.00
<b>Natura-Tec Abysoft</b> (Crambe Abyssinica Seed Oil Phytosterol Esters)	moisturiser	(5)	3.00
<b>Natura-Tec Hydrogenated Castor Oil</b> (Hydrogenated Castor Oil)	rheology modifier	(5)	0.15
<b>Massocare PHS</b> (Polyhydroxystearic Acid)	dispersant	(2)	0.20
<b>Tocobiol C</b> (Tocopherol (mixed), $\beta$ -sitosterol, Squalene)	anti-oxidant	(6)	0.05
<b>B</b>			
<b>Water</b> (Aqua)	solvent		18.30
<b>Palmera G995E RSPO MB</b> (Glycerin)	humectant	(7)	3.00
<b>MgSO<sub>4</sub>. 7 H<sub>2</sub>O</b> (Magnesium Sulfate)	stabilizer		0.70
<b>Genecare OSMS BA</b> (Betaine)	moisturiser	(8)	4.00
<b>C</b>			
<b>Xperse 102</b> (Zinc oxide, Caprylic/capric triglyceride, Polyhydroxystearic acid)	physical sunscreen (UVA & UVB)	(9)	30.00
<b>Heliopro TG50 H</b> (Caprylic/Capric Triglyceride, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina)	physical sunscreen (UVA & UVB)	(10)	20.00
<b>D</b>			
<b>Cosphaderm TOM RSPO MB</b> (Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate)	preservative	(3)	1.50
<b>E</b>			
<b>AR 762710 Avocado &amp; Shea Ecoboost</b> (parfum)	parfum	(11)	0.10

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### APPEARANCE

Whitish shiny cream

### SPECIFICATIONS

**Viscosity:** 18.550 mPa·s (Brookfield LVT, Spindle C, 12 rpm) 24°C

### PROCEDURE (hot process)

1. Heat phase A and B to 80-85°C
2. Add phase C one by one to phase A keeping the temperature (70-75°C)
3. Add phase D to B whilst stirring slowly (100-250 rpm)
4. Add phase BD to AC whilst stirring intensively (>450 rpm)
5. Homogenise phase ABCD for 3 minutes (Silverson: 4.000 rpm)
6. Cool down whilst stirring intensively (>450 rpm)
7. Add phase E whilst stirring
8. Allow to cool down whilst stirring intensively (>450 rpm)

### SUPPLIERS

(1) Sinerga - (2) C.Q.Massó - (3) Cosphatec - (4) Zschimmer &amp; Schwarz - (5) Natura-tec - (6) BTSA - (7) KLK Oleo - (8) DuPont - (9) Everzinc - (10) Bregaglio -

*This information and all further technical advice is provided for your guidance and is only based on our knowledge and experience, therefore it should not be considered as a guaranty of specific properties described or their suitability for a particular application. We would therefore accept no responsibility for a wrong or inaccurate use of the product, especially when storing, handling, applying or using it. Formulations have been submitted to internal stability tests but manufacturers should carry out their own long-term stability and functionality tests, and must guarantee formulations comply with all regulatory standards and are not infringing patent rights. Proper use of this information is the sole responsibility of the manufacturer.*