



# US20151 | Natural Creamy Zinc Sunscreen

## A smooth and creamy sun protection with 25% Zinc Oxide



©PEKEL ALEKSANDRA PASARIC



OW Emulsion



NATURALITY PROFILE according to ISO 16128 norm

Powdery skin feel

Protection against sun damages

Moisturization

<b>A</b>	Water	45.00%
	<b>AQUAXYL™</b>	<b>1.50%</b>
	Glycerin	3.00%
	<b>SOLAGUM™ TARA</b>	<b>0.50%</b>
<b>B</b>	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	1.00%
	Polyhydroxystearate	0.50%
	<b>DUB 810 C MB*</b>	<b>8.50%</b>
	<b>DUB SSIC*</b>	<b>5.00%</b>
<b>C</b>	<b>EMOGREEN™ L19</b>	<b>3.00%</b>
	<b>MONTANOV™ 202</b>	<b>5.00%</b>
	Zinc Oxide	25.00%
	<b>ANTILEUKINE 6™</b>	<b>2.00%</b>

With WESOURCE

White smooth cream/ Packaging: Jar

pH: 8.3 / VISCOSITIES: 1M at RT: 129,000 cps Brookfield LV96 V1.5  
Recovery at RT (after 1M at 45°C): 392,000 cps Brookfield LV96 V1.5  
STABILITY: 3 months at RT, 45°C, 3 F/T cycles -5°C/+40°C.

**FORMULATION ADVICES:** Laboratory scale - 300g - Homogenizer & Sweeper  
Mix ingredients in phase A, except water, well and then add to water and heat to 85C. Combine phase B and heat to 85C and then homogenize phase B for a few minutes. Stop homogenization and reheat to 85C and add phase C. Combine phase A and BC and homogenize for 4 minutes at 4,000 rpm. Cool down the batch with sweeper to ambient temperature. check for pH 7.5 - 8.5.

This smooth natural sun cream glides on the skin and leaves a protective film.

Full protection against sun and dehydration!

A light and natural emulsion with **MONTANOV™ 202** (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside)  
Glucolipid emulsifier derived from vegetable origin. **Promoter of liquid crystals**, it plays a role in maintaining skin moisturization over time. Thanks to liquid crystals which contain water, MONTANOV™ 202 helps to **keep skin moisturized**.

Thicken with elegance with **SOLAGUM™ TARA!** (Caesalpinia Spinosa Gum)  
A **powerful thickening natural gum** from *Caesalpinia spinosa* endosperm seeds.

**EMOGREEN™ L19** provides a fresh and gliding sensation with a **powdery afterfeel**. (C15-19 Alkane)  
Plant-based and biodegradable emollient, perfect **alternative to silicone oil**, it helps dispersing and stabilizing sunscreens.

**Spreadability and light skin feel with DUB 810 C MB\***  
(Coco-Caprylate/Caprate)  
Natural ester with **high spreadability, light skin feel** and residual film, similar sensory profile to cyclomethicone.

**Excellent sunscreen dispersion with DUB SSIC\*** (Isocetyl Stearoyl stearate)  
A branched ester with **excellent dispersing properties**, also increasing the product slippery. It leaves a **long lasting cushiony yet powdery** skin feel.

Limit sun damages and dehydration with **ANTILEUKINE 6™ & AQUAXYL™**:

**ANTILEUKINE 6™** soothes and protects after UV exposure! (Caprylic/Capric Triglyceride and Laminaria Ochroleuca Extract):  
Regulates the inflammation mediators for an **immediate in vivo soothing effect** and long term anti-aging and moisturizing benefits.  
**AQUAXYL™** moisturizes and restructures the skin (Xylitylglucoside - Anhydroxylitol - Xylitol): This natural plant sugars complex boosts water reserves, water circulation in all skin layers and reduces water loss.

**ADDITIONAL INGREDIENTS:** Polyhydroxystearate: Dispersun DSP-OL100 (INNOSPEC), Zinc Oxide: ZinClear® XP (ANTARIA) / Glycerin / Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol: SENSIVA® PA 40 (SCHULKE)



All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

