



# US20012 | INORGANIC SUNSCREEN GELTRAP™

## 24% Inorganic Sunscreens



<b>A</b>	<b>EASYNÖV™</b>	<b>3.00%</b>
	Caprylic/Capric Triglyceride	25.00%
	Zinc Oxide	21.00%
	Titanium Dioxide, Alumina, Stearic Acid	3.00%
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<b>B</b>	Aqua/Water	Up to 100%
	Glycerin	3.00%
	<b>SEPIMAX ZEN™</b>	<b>1.50%</b>
	Phenoxyethanol, Ethylhexylglycerin	1.00%
	Ethylhexylglycerin	1.00%

With WESOURCE

**White cream / Packaging: Pump**

**pH:** N/A / **VISCOSITIES:** **1M at RT:** 54,388 mPa.s Brookfield DV64-6  
**Recovery at RT (after 1M at 45°C):** 53,988 mPa.s Brookfield DV64-6  
**STABILITY:** 3M at RT, 45°C, 3 cycles -5°C/+40°C

**FORMULATION ADVICES: Laboratory scale - 300 g - Deffocculating Blade, Over Head Mixer**

Disperse Phase A ingredients at RT, mix until uniform. For phase B make an aqueous gel under high shear mixing at RT. Stop mixing, add A into B and then mix under anchor at 75 rpm for 45 seconds. Increase to 300 rpm for 10 minutes or until uniform.



**COLD PROCESS**

This inorganic sunscreen GELTRAP™ has a surprising fresh, light and cushion texture.

GELTRAP™ texture is created by the combination of EASYNÖV™ & SEPIMAX ZEN™. This gel-in-oil emulsion is water-rich and stable with a light easy-to-spread texture and a soft and silk afterfeel.

Water resistant, this Seppic patented texture is ideal for sun care formulations.

**EASYNÖV™** (Octyldodecanol & Octyldodecyl Xyloside & PEG30 Dipolyhydroxystearate): This emulsifier realizes emulsions with an **internal gelled aqueous phase extra-rich in water** by a cold process with gentle stirring: the GELTRAP™ emulsions. It provides a feel that is both **fresh and cushion**. It has an **excellent compatibility with the filters** used in sun care.

**SEPIMAX ZEN™** (Polyacrylate Crosspolymer-6): This polymer **thickens and stabilizes** the formula. It enables the creation of formulas with a **rich, and elegant skin feel**. It's **compatible with sun filters**.

**ADDITIONAL INGREDIENTS:** Caprylic/Capric Triglyceride: DUB MCT 55/45 (Stéarinerie Dubois) / Zinc Oxide: Zano Plus 10 (Umicore) / Titanium Dioxide, Alumina, Stearic Acid: UV-Titan M160 (EMD Chemicals) / Glycerin (JEEEN) / Phenoxyethanol, Ethylhexylglycerin: Euxyl PE 9010 (SCHULKE) / Ethylhexylglycerin Sensiva SC 50 (SCHULKE)

More informations available on [seppic.com](http://seppic.com)

Water resistant  
Formulated with mineral sunscreens only  
SPF 20\*  
(THEORETICAL - BASF SIMULATOR)

\*calculated - BASF simulator

Reminder: the formula tolerance has not been evaluated. Its sample should not be tested by sensitive public (pregnant women or kids).



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