



- White O/W emulsion
- Packaging: tube

Montanov™ 202 + Sensanov™ WR  
+ Sepiplus™ 400

=

High-performance trio for formulating creamy textures in the presence of hydrophilic actives enriched with ions!



EU07036 - 0803

**Formula**

<b>A</b>	Isocetyl Stearate	8,00 %
	Pentaerythrityl Tetrahexyloctanoate	8,00 %
	Arachidyl and Behenyl Alcohol	1,00 %
	Glyceryl Monostearate	1,00 %
	<b>MONTANOV™ 202</b>	1,00 %
	<b>SENSANOV™ WR</b>	1,00 %
<b>B</b>	<b>SEPICALM™ VG</b>	1,00 %
	<b>SEPICIDE™ HB</b>	1,00 %
<b>C</b>	Aqua/ Water	Up to 100 %
	Sodium Hydroxide 48%	4,285 %
<b>D</b>	Xanthan Gum	0,10 %
<b>E</b>	Carbomer	0,70 %
<b>F</b>	<b>SEIPLUS™ 400</b>	0,50 %
<b>G</b>	Glycolic Acid 67%	6,00 %
<b>H</b>	Parfum/Fragrance	0,10 %

**Procedure**

**(Pilot - DUMEK - 2kg)**

Heat fatty phase A at 85°C. Add water into the main tank, add Sodium Hydroxide then disperse the Xanthan Gum while mixing (rotor stator 700rpm). Stop rotor stator and disperse the Carbomer, when wetted keep mixing only with the planetary mixer and heat to 85°C. Start the rotor stator at 700rpm, and add SEIPLUS into the vortex, keep mixing until homogeneous for approx 5'. Add the Glycolic Acid solution slowly into the vortex, rotor stator at 700rpm – keep mixing until the mixture is homogeneous. Add phase B ingredients into phase A which has been warmed. Then pour A+B into the tank. Emulsify for 10' at 1500 rpm then for 5' at 700 rpm. Stop heating and stop the rotor stator. Check the emulsion appearance : if necessary homogenize again at 700 rpm to get a perfectly smooth texture. Create suction and cool down progressively . At 30°C add the fragrance and mix with the rotor stator at 700 rpm.

**Characteristics**

Appearance	supple white emulsion
pH	4.5
Viscosity at room temp	21,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month 45°C	15,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity recovery at RT (after 1 month at 45°C)	20,000 mPa.s BROOKFIELD LV4 sp.6
Stability	> M1 at RT & 45°C Stable when centrifuged 20' at 3000 rpm

**Raw materials from SEPPIC**

**MONTANOV™ 202**

**Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside**

Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light and evanescent sense of touch, which confers an easy application and a quick penetration. Their matt effect prevents skin from glossy and fatty aspect. Thanks to liquid crystals which contain water, Montanov™ 202 contributes to keep skins moisturized.

**SENSANOV™ WR**

**C20-22 Alkyl Phosphate and C20-C22 Alcohols**

This product is a phosphate anionic emulsifier which is versatile and effective at low dosage (1 to 3%). It provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Sensanov™ emulsions make the skin supple with a long lasting impression of comfort.

**SEIPLUS™ 400**

**Polyacrylate-13 and Polyisobutene and Polysorbate-20**

Thickening agent in liquid form very easy to use (no predispersion or neutralization). Sepiplus™ 400 gives an improved electrolyte resistance over a wide pH range (3 to 11).

**SEPICALM™ VG**

**Sodium Palmitoyl Proline and Nymphaea Alba Flower Extract**

Palmitoylproline and water lily flower extract unite their intrinsic action to reach a unique whitening and soothing effect. Sepicalm™ VG reduces cutaneous pigmentation induced by stress or aging process (in vitro and in vivo proven efficacy): modulation of inflammation mediators and a reduction of genetic expression of tyrosinase (key enzyme of pigmentation).

**SEPICIDE™ HB**

**Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben**

Preservative

**Other raw materials...**

- Isocetyl stearate: **DUB SIS16 (STEARINERIE DUBOIS)**
- Pentaerythrityl tetrahexyloctanoate: **DUB PTO (STEARINERIE DUBOIS)**
- Xanthan gum: **KELTROL T (KELCO)**
- Carbomer: **CARBOPOL ULTREZ 10 (NOVEON)**
- Fragrance: **FLEUR D'EAU (AZUR FRAGRANCE)**