

SEPPIC

EU07127

**PERFECT CHEMISTRY
NATURAL BLOOM****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 helps to keep skin moisturized.

MONTANOV™ 68**Cetearyl Alcohol and Cetearyl Glucoside**

Glucolipid emulsifier in harmony with nature. It can be used to formulate rich, smooth textures with any type of oil phase. In combination with the other grades of the Montanov™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. Montanov™ 68 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to maintain skin moisturizing. Montanov™ 68 offers the possibility to formulate without additional stabilizers.

SURVICODE™**Sodium Cocoyl Alaninate**

A novel survival code for an anti-ageing Revolution! The skin retains its capital of youth ("Longevity" action on the 'time' proteins that increase cell survival), is more harmonious ("communication" action on the 'dialogue' proteins) and is more resistant to stress ("defense" action on the 'sentinel' cells). The cells "decode" and wrinkles decrease visibly after only six weeks of application (validation on volunteers in comparison with a reference anti-aging agent).

SEPIWHITE™ MSH**Undecylenoyl Phenylalanin**

A new lightening active ingredient acting through an original pathway: Alpha MSH antagonist ("Melanotropin"), it reduces the synthesis of melanic pigments with a great efficiency as well as it preserves the skin. Because of its powdery aspect, Sepiwhite™ MSH fits perfectly to the formulation of cosmetic powders.

LIPACIDE™ C8G**Capryloyl Glycine**

Lipacide™ C8G is a glycine biovector and skin acidifying agent which protects the skin and enables to maintain its ecosystem. It also protects cosmetic products by increasing the microbiological stability of low-preserved formulas.

AQUAXYL™**Xylitylglucoside and Anhydroxylitol and Xylitol**

Aquaxyl™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo tests prove this efficacy).

Other raw materials...

- Sclerotium Gum: **Amigum (ALBAN MULLER INTERNATIONAL)**

- Hydrogenated Cetyl Olive Ester: **Phytowax Olive 16L55 (SOPHIM)**

- Theobroma Cacao (Cocoa) Seed Butter: **Cocoa Butter Natural Organic (BIOCHEMICA - LASERSON)**

- Euphorbia Cerifera (Candelilla) Wax: **(BAERLOCHER)**

- Butyrospermum Parkii (Shea Butter): **Beurre de Karité Bio (SOPHIM)**

- Borago Officinalis Seed Oil: **Huile de Bourrache (HUILES BERTIN)**

- Carthamus Tinctorius (Safflower) Seed Oil: **Huile de Carthame (HUILES BERTIN)**

- Propanediol Dicaprylate: **Dub Zenoat (STEARINERIE DUBOIS)**

- Tetrasodium Glutamate Diacetate: **Dissolvine GL-38 (AKZO NOBEL)**

- Fragrance: **Fleur d'Oranger ref E-0807688 (MANE)**

**O/W
Emulsion**

- **White emulsion**
- **Orange Flower fragrance**
- **Packaging: pot**

- **Developed in accordance with Ecocert® standard**
- **Long-life Élixir: synergy between natural and conventional ingredients !**

- **Survicode™ opens communication between cells and extends the cell life cycle: wrinkles fade !**

- **Thanks to the lightening effect of Sepiwhite™ MSH, skin takes back its initial radiance**

- **Lost contour reappear because of Aquaxyl™ plumping and hydrating action**

- **Montanov™ 68 & Montanov™ 202 provide a non-greasy mixed and enriched texture.**

**Formula**

	Aqua / Water	Qsp 100 %
A	Sclerotium Gum	0.50 %
	MONTANOV™202	3.00 %
B	MONTANOV™ 68	1.00 %
	Hydrogenated Cetyl Olive Ester	2.00 %
	Theobroma Cacao (Cocoa) Seed Butter	1.00 %
	Euphorbia Cerifera (Candelilla) Wax	1.00 %
	Butyrospermum Parkii (Shea Butter)	3.00 %
	Borago Officinalis Seed Oil	5.00 %
	Carthamus Tinctorius (Safflower) Seed Oil	2.00 %
	SURVICODE™	1.00 %
	Dicaprylyl Ether	5.00 %
	Propanediol Dicaprylate	5.00 %
	Tocopherol	0.05 %
	Aqua / Water	10.00 %
C	SEPIWHITE™ MSH	1.00 %
	Arginine	Qs pH 9
	Aqua / Water	10.00 %
D	LIPACIDE™ C8G	1.00 %
	Arginine	Qs pH 5
E	Sorbic Acid	0.30 %
	AQUAXYL™	3.00 %
	Parfum / Fragrance	0.20 %
	Tetrasodium Glutamate Diacetate	0.30 %

Procedure (pilot – Trimix (Turbine + Serrated Disk Stirrer) – 5kg)

Incorporate water of phase A in the main tank and heat to 80°C. Sprinkle Sclerotium Gum into the water and stir until the gel is smooth. In a separate vessel combine phase B ingredients and heat them up 80°C. Add phase B onto phase A and start emulsifying. In separate vessels prepare phases C and D. For each phase, heat the water to 80°C, add Arginine into the water and then the active ingredient. Stir the mixture with a magnetic bar until it becomes clear. Add phase C and D one after the other and mix well after each addition. Start cooling down and at 60°C, add phase E ingredients one after the other in the main tank. Mix well.

Characteristics

Appearance	Off white cream
pH	5,35
Viscosity after 1 month at RT	62,900 mPa.s BROOKFIELD LV4 sp. 6
Viscosity after 1 month at 45°C	6,930 mPa.s BROOKFIELD LV3 sp. 6
Viscosity recovery at RT (after 1 months at 45 °C)	43,400 mPa.s BROOKFIELD LV4 sp. 6
Stability	> M1 à TA et 45°C

EU07127 - 0903

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 conditions 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.

www.seppic.com