SEPPIC

EU07065B

GREEN FLUID DAY CREAM

- White and fluid emulsion
- Packaging: pump-bottle

- Perfect combination of performing emulsifier (Montanov™ 202) and a co-emulsifier (Montanov™ 14), for an ultra-soft touch intrinsic to Montanov™ emulsions.
- Developed in accordance with ECOCERT®
- Montanov™ 202 gives a light and non-greasy texture, guarantees an easy spreading, even if the formula contains 17% of oily phase (bio oils within the formula)
- The association of Lipacide™ C8G at a concentration of 1 % and sorbic acid at 0.3% allows to preserve the formula efficiently (proven by challenge test)

EU07065B - 0903

Formula

A	**MONTANOV™ 202**	3,00 %
	MONTANOV™14	1,50 %
	Behenyl Behenate	2,00 %
	Butyrospermum Parkii (Organic)	1,50 %
	Squalane	3,00 %
	Simmondsia Chinensis (Jojoba) Seed Oil (Organic)	3,00 %
	Caprylic/Capric Triglyceride	3,00 %
	Isopropyl Isostearate	3,00 %
B	Aqua/Water	Up to 100 %
	AQUAXYL™	3,00 %
	Sodium Hydroxide (24%)	0,24 %
	Xanthan Gum	0,60 %
C	**LIPACIDE™ C8G**	1,00 %
	Aqua/Water	Up to 30 %
	Sodium Hydroxide (48%)	Up to pH 5,5
D	Water and *Hordeum Vulgare* Extract (Organic)	11,00 %
	Sorbic Acid	0,30 %
	Tocopherol	0,10 %

Procedure

(Pilot – Trimix – 5kg)

Weigh Phase A ingredients in a vessel and heat to 85°C.

Weigh the water in a separate vessel and heat to 80°C. Sprinkle the Xanthan Gum into the water while stirring with a stirrer equipped with a serrated disk head. Prepare phase C by solubilizing Lipacide C8G in hot water (80°C) with Sodium Hydroxide. When the gel is homogeneous, add phase C into Phase B and mix well. Then add Phase (B+C) into phase A and homogenize with a rotor stator at 4000rpm for 4 minutes. When the cream is smooth, start cooling down and mix gently. At 40°C, add the remaining ingredients and mix well.

Characteristics

Appearance	White fluid emulsion
pH	5,0
Viscosity after 1 month at RT	13,800 mPa.s BROOKFIELD LV3 speed 6
Viscosity after 1 month at 45°C	10,400 mPa.s BROOKFIELD LV3 speed 6
Viscosity recovery at RT (after 1 month at 45°C)	19,500 mPa.s BROOKFIELD LV3 speed 6
Stability	> M1 à RT and 45°C After 1 month of freeze/thaw cycles -5 / +40°C Stable after 20' of centrifugation at 3000 rpm at RT and 45°C

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 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™ 14

Myristyl Alcohol and Myristyl Glucoside

Glucolipid co-emulsifier in harmony with nature. In association with other range of Montanov™, or with Simulsol™ 165, Montanov™ 14 acts like a texturing agent which combines consistency and lightness texture within emulsions.

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-preservative 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…

- Behenyl Behenate: **DUB BB (Stearinerie Dubois)**
- Butyrospermum Parkii: **Beurre de Karité Bio (Sophim)**
- Squalane: **Phyosqualane (SOPHIM)**
- Isopropyl Isostearate: **DUB ISIP (Stearinerie Dubois)**
- Tocopherol: **Dermofeel Toco 70 (Dr. Straetmans)**
- Water and Hordeum Vulgare Extract: **Eau de jeunes pousses d'Orge (SONIAM)**
- Simmondsia Chinensis (Jojoba) Seed Oil: **(HUILES BERTIN)**