



- White lotion
- The combination of Montanov™ S + Montanov™ 202 enables to emulsify 10% of sunscreens and makes the touch comfortable!
- Montanov™ S allows to scatter and stabilize the zinc oxide with time.
- Aquaxyl™ durably moisturizes the skin



EU07144 - 0810

Formula

A	MONTANOV™ S	3,00 %
	MONTANOV™ 202	1,00 %
	Zinc Oxide and Caprylic/Capric Triglyceride	20,00 %
	Coco-Caprylate/Caprates	15,00 %
B	Xanthan Gum	0,60 %
C	Aqua/Water	Up to 100 %
	Glycerin	3,00 %
	Water and Methylisothiazolinone and Ethylhexylglycerin	1,00 %
	EDTA	0,05 %
D	AQUAXYL™	1,00 %

Procedure (Laboratory scale)

Combine phase A & C separately and heat to 85°C. When Montanov is completely melted, add phase B to phase A and mix well. Add phase C to phase A+B and homogenize the batch while the temperature is at 85°C. Stop homogenizing and start cooling down slowly the batch with very gentle agitation with planetary mixing blade to 45°C. Add phase D and continue to mix until the temperature reaches room temperature.

Characteristics

Appearance	White lotion
pH	Approx 8,9
Viscosity after 1 month at RT	15,900 mPa.s BROOKFIELD LV4 sp.6
Stability	>M3 à TA et 45°C

MONTANOV™ S

Cocoglucoside and Coconut Alcohol

Glucolipid co-emulsifier in harmony with nature. The combination with another emulsifier facilitates the formulation of sun care products that are stable in terms of texture, dispersion of sunscreens, protection factor, etc. Montanov™ S also facilitates the introduction of oils in 2-in-1 cleansing formulas, giving the product a non-pearlescent opaque effect.

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.

AQUAXYL™

Xylitylglucoside and Anhydroxylylitol 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...

- Zinc Oxide and Caprylic/Capric Triglyceride: **Zinc Clear IM 50 CCT (ADVANCED NANO TECHNOLOGY LIMITED)**
- Xanthan Gum: **Keltrol CG-T (KELCO)**
- Coco-Caprylate/Caprates: **DUB 810 C (STEARINERIE DUBOIS)**