

SKIN LIGHTENING CREAM



- Yellowish Smooth Emulsion
- Packaging : Jar

- SEPIWHITE™ MSH + Ascorbyl glucoside+ Niacinamide: Function in different ways, ensure to lighten and radiant your skin.
- Combination of MONTANOV™ 82 and MONTANOV™ 202 and SEIPLUS™ 400 makes the stressful emulsion which contains high dosage of electrolytes thick and stable over time.



LZ142102 - 1407

Formula

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A	Water	Up to 100%
	1,3-Butylene glycol	4.00%
	Disodium EDTA	0.10%
	Triethalonamine	0.50%
	SEPIWHITE™ MSH QD SOLAGUM™ AX	1.00% 0.40%
B	MONTANOV™ 82	2.00%
	MONTANOV™ 202	4.00%
	Ethylhexyl Methoxycinnamate	7.50%
	Octocrylene	1.00 %
	Benzophenone-3	3.00%
	Phenethyl Benzoate Dimethicone	2.00% 1.00%
C	SEIPLUS™ 400	2.00%
D	Ascorbyl glucoside	2.00%
	Water	5.00%
	Triethalonamine	1.00%
E	Niacinamide	5.00%
	Water	5.00%
F	Tocopheryl acetate	0.20%
	Phenoxyethanol and Ethylhexylglycerin	1.00%
	Parfum/Fragrance	0.20%
	Lactic acid	Q.S

Procedure

Lab (Silverson-300g)

- 1 Disperse Solagum™ AX into water, add other ingredients, heat phase A and B to 85°C,
- 2 Add phase A to phase B+C (add phase C after phase B heated to 85°C). homogenization 4000rpm 4'.
- 3 Cool down under stirring by anchor at 150rpm.
- 4 Pre-mix phase D and phase E well separately and then add them to main tank individually. Add phase F at 45 °C.
- 5 Stop stirring at 30 °C.

Characteristics

Appearance	Yellowish cream
pH	6.8
Viscosity M1 at RT	36,800 mPa.s Brookfield S4 sp.6
Viscosity 1M at 45° C	10,000 mPa.s Brookfield S4 sp.6
Viscosity recovery at RT (after 1M at 45° C)	35,800 mPa.s Brookfield S4 sp.6
Stability	Stable M3 at RT, 45° C, -18°C, cycles -5/40° C

Raw materials from SEPPIC

MONTANOV™ 82

Cetearyl Alcohol & Cocoglucoside

Glucolipid emulsifier in harmony with nature. Stable emulsions can be formulated with only 1% MONTANOV™ 82. MONTANOV 82 is especially well-suited for formulations with a high concentration of active ingredients. 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 82 used at low level allows to emulsify high level of waxes into cream gel texture. Montanov 82 is useful to obtain thick lotions with rich and smooth texture.

MONTANOV™ 202

Arachidyl alcohol/behenyl alcohol/arachidyl glucoside

Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light, evanescent feel that are easy to apply and rapidly absorbed. These emulsions leave the skin feeling soft and non-greasy. Their matt finish effect helps prevent shine. MONTANOV 202 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization. In combination with the other grades of the MONTANOV range, MONTANOV 202 can be used to modulate the texture and flexibility of the emulsions as desired.

SEPIWHITE™ MSH

Undecylenoyl Phenylalanine

A new lightening active ingredient acting through an original pathway. Alpha MSH antagonist ("Melanotropin"), it decreases effectively the melanic pigments by respecting the cutaneous integrity. The powdery aspect of SEPIWHITE MSH is very well adapted to formulate powder cosmetic products.

SOLAGUM™ AX

Acacia Senegal Gum and Xanthan Gum

Combination of natural thickening polymers. It allows you to formulate non-stringy translucent gels and can be used with hot or cold process. Ecocert and Natrue approved.

SEIPLUS™ 400

Polyacrylate-13 and Polyisobutene and Polysorbate 20

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

Other raw materials...

- Ethylhexyl Methoxycinnamate: Eusolex 2292(Merck)
- Octocrylene : Eusolex OCR(Merck)
- Benzophenone-3: Eusolex 4360(Merck)
- Phenethyl Benzoate: X-Tend 226(Arshland)
- Dimethicone: DC200 350cst (Dow Corning)
- Ascorbyl glucoside: AA2G(Hayashibara)
- Niacinamide :Niacinamide PC(DSM)
- Tocopheryl acetate: VE acetate(BASF)
- Phenoxyethanol and Ethylhexylglycerin: Euxyl PE9010 (Schülke & Mayr)
- Fragrance: 86316212(Drom)