



SO WHITE SO CALM 7055A

Cocooning whitening care containing Sepicalm VG, a unique whitening ingredient with soothing properties. As Sepicalm VG reduces the stinging effects induced by the AHAs (Glycolic Acid), this formulation is ideal for sensitive skins.

Formula

A	<ul style="list-style-type: none">• LANOL™ 99 (<i>isononyl isononanoate - SEPPIC</i>)• Triglycerides• Butylmethoxy Dibenzoylmethane (<i>Avobenzone</i>)• Octocrylene• Octyl Salicylate (<i>Octisalate</i>)• Cetyl Alcohol• MONTANOV™ 202 (<i>Arachidyl alcohol & behenyl alcohol & arachidyl glucoside - SEPPIC</i>)• SIMULSOL™ 165 (<i>Glyceryl stearate and PEG-100 stearate - SEPPIC</i>)• SEPICIDE™ HB (<i>Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben - SEPPIC</i>)• Xanthan Gum	8.00 % 5.00 % 2.00 % 3.00 % 5.00 % 1.00 % 2.00 % 1.00 % 1.00 % 0.10 %
B	<ul style="list-style-type: none">• Water• Disodium EDTA• Glycerin	Qsp 100.00 % 0.10% 3.00 %
C	<ul style="list-style-type: none">• SEPIPLUS™ 400 (<i>Polyacrylate-13 & polyisobutene & polysorbate 20 - SEPPIC</i>)	1.00%
D	<ul style="list-style-type: none">• Glycolic Acid 67%• Sodium Hydroxide 48%	7.46 % Qsp pH=4
E	<ul style="list-style-type: none">• SEPICALM™ VG (<i>Sodium palmitoyl proline & Nymphaea alba flower extract - SEPPIC</i>)• Fragrance	3.00 % 0.10 %

Procedure (pilote – dumek – 2 Kg)

Combine all phase A ingredients (except Xanthan Gum) together and heat up to 80°C. When homogeneous add Xanthan Gum. Combine phase B ingredients altogether and heat up to 80°C. Add the oil phase to the water phase and homogenise. Add Sepiplus 400 while mixing. Weigh the Glycolic Acid in a beaker. Place the beaker in a cold water bath and add slowly the Sodium Hydroxide into the Acid until pH 4. Be cautious, this reaction is very exothermic. At 60°C add very slowly the neutralised Glycolic Acid to the main batch while stirring. Below 40 °C, add Sepicalm VG and the fragrance to the main batch. Mix well.

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Comments

SEPICALM™ VG	A successful marriage between palmitoylproline and water lily flower extract providing a unique whitening and soothing effect. Thanks to a new action towards both a modulation of inflammation mediators and a reduction of genetic expression of tyrosinase (key enzyme of pigmentation), Sepicalm VG decreases cutaneous pigmentation induced by stress or aging process (in vitro and in vivo proven efficacy)
MONTANOV™ 202	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.
SIMULSOL™ 165	Self emulsifying base. Can be used synergistically with any emulsifier of MONTANOV range in order to produce smooth and stable creams.
SEPIPLUS™ 400	A New generation of « Hydro Swelling Droplet » polymers, for improved performance. SEPIPLUS™ is designed to give an improved electrolyte resistance profile. Compatible with a wide range of actives over a wide pH range (pH 3 to 11). A thickening and emulsifying agent in a liquid form, ready to use (no predispersion or neutralization).

Characteristics

Appearance	Fluid yellowish emulsion
pH	4
Viscosity after 1 month at RT	27,500 mPa.s BROOKFIELD LV4 6rpm
Viscosity after 1 month at 45°C	2,900 mPa.s BROOKFIELD LV2 6rpm
Viscosity recovery after 1 month at 45°C	35,150 mPa.s BROOKFIELD LV4 6rpm
Stability	> M1 at RT and 45°C Stable 18h at -18°C >M1 after freeze-thaw cycles -5°C/+40°C stable after 20' centrifugation at 3000 rpm

Notes

Butylmethoxy Dibenzoylmethane : Parsol 1789 (DSM)
Octocrylene : Eusolex OCR (MERCK)
Octyl Salicylate : Eusolex OS (MERCK)
Parfum : Bijou (QUEST)
Xanthan Gum : Keltrol CG-T (KELCO)

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Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.

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