



- Appearance: White cream
- Packaging: lotion
- A Four-In-One Shaving Care cream for a new gesture.
- A rinse-off hygiene product. Wow! What a great eco solution to save water!
- A high dosage in MONTANOV™ 82 and SOLAGUM™ AX permits the transformation in an after shave care. A light soaping effect, when applied on moistened skin, to delineate the area for shaving; the emulsion protects the skin and facilitates shaving. Afterwards it is absorbed and conditioned the skin for soft and healthy look. Practical, fast and ecological!
- A product to calm razor burn with SEPICALM™ S WP and SEA SATIN™.
- A product to give long lasting moisture after shaving with AQUAXYL™.
- No need to buy an additional skin care product!



US20051 - 1603

SAVE WATER 4 IN 1 SHAVING CARE

Formula

A	Aqua/Water	Up to 100%
B	MONTANOV™ 82 Isononyl Isononanoate Diisopropyl Sebacate SOLAGUM™ AX	5.00% 2.00% 2.00% 1.00%
C	AQUAXYL™ PEG-90M	3.00% 0.05%
D	SEIPLUS™ S	1.00%
E	Water EDTA	5.00% 0.20%
F	SEA SATIN™ Fragrance	1.00% 0.20%
G	Phenoxyethanol & Ethylhexylglycerin SEPICALM™ S WP Propanediol	1.00% 3.00% 5.00%

Procedure

Laboratory trial (300g)

Heat phase A to 75C. Combine phase B, except solagum AX, and heat 75C. When everything is melted, add Solagum AX into the hot oil phase and mix well. Add phase A to phase B and start homogenizing at 4,000 rpm and add phase C. After two minutes of homogenization, add phase D and continue to homogenize for another two minutes. Cool the batch down to 55C and add phase E. At 40C, add phase F and G. Mix well and cool to ambient temperature. Check pH and make adjustment if necessary.

Characteristics

Appearance	White cream
pH	5.5
Viscosity 1M at RT	24,795 cps; Brookfield LV; Spindle #64 @ 6 rpm
Viscosity 1M at 45° C	18,396 cps; Brookfield LV; Spindle #64 @ 6 rpm
Viscosity recovery at RT (after 1M at 45° C)	27,394 cps; Brookfield LV; Spindle #64 @ 6 rpm
Stability	F/T 3 cycles -4C/40C, Passed 1 month RT & 45C

Raw materials from SEPPIC

MONTANOV™ 82

Cetearyl Alcohol and Coco-Glucoside

Glucolipid emulsifier derived from vegetable origin. 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. It allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. Ecocert, Cosmos and Natrue approved.

SOLAGUM™ AX

Acacia Senegal Gum and Xanthan Gum

Combination of thickening polymers. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process. Ecocert and Natrue approved.

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, water circulation is improved in all skin layers and water loss is reduced (in vitro and in vivo tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

SEIPLUS™ S

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer and Polyisobutene and PEG-7 Trimethylolpropane Cononut Ether

Liquid and thickening polymer, pre-neutralized and easy-to-use. Very good resistance to electrolytes in a wide range of pH (3-12) thanks to associative behaviour.

Good compatibility with pigments.

Sensory profile: feeling of long lasting comfort.

SEA SATIN™

Caprylic/Capric Triglyceride/Beta Vulgaris (Beet) Root Extract

Oily protective and conditioning active for hair

Reinforcement and protection of the hair (in vivo study)

SEPICALM™ S WP

Sodium Cocoyl Amino Acids and Sarcosine and Potassium Aspartate and Magnesium Aspartate

Happiness Soother for sensitive and irritated skins ! Aminoacids biovector enriched with mineral salts, SEPICALM™ S protects the skin from any type of internal or external stress (fights against aggressions such as inflammation, UV rays, abrasions ...) while exalting it by a real sensation of well being and comfort (increase the production of cutaneous pleasure molecules, reliefs irritative reactions felt by delicate skins and moisturizes effectively). Efficacy proven on volunteers and at the heart of skin cells. A gentle invitation to relaxation ...

Other raw materials...

- Isononyl Isononanoate: DUB ININ (STEARINERIE DUBOIS)
- Diisopropyl Sebacate: DUB DIS (STEARINERIE DUBOIS)
- PEG-90M : POLYOX WSR 301 (DOW CHEMICAL)
- Fragrance: Zen MF217870
- Phenoxyethanol & Ethylhexylglycerin: EUXYL PE 9010 (SCHÜLKE & MAYR)