



**LUXURY CARE 10  
ANTI AGE CHALLENGE– MATURE SKIN  
7056A**

**10 anti ageing active ingredients to defy time. A unique formula for a complete preventive and curative efficacy. Montanov 202 +82+Sepiplus 400 = « Winning » combination for an improved electrolytes resistancy and a skinfeel suitable for all skin types**

**Formula**

<b>A</b>	<ul style="list-style-type: none"> <li>• Water</li> <li>• Xanthan Gum</li> <li>• Magnesium Aluminium Silicate</li> <li>• <b>MICROPEARL™ MHB-R</b> (Methyl Methacrylate Crosspolymer – SEPPIC)</li> <li>• <b>SEPIPLUS™ 400</b> (Polyacrylate-13 and Polyisobutene and Polysorbate 20 – SEPPIC)</li> <li>• Lactic Acid</li> </ul>	Up to 100% 0.15% 0.20% 0.50% 1.00% Up to pH 5.5
<b>B</b>	<ul style="list-style-type: none"> <li>• <b>MONTANOV™ 202</b> (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside - SEPPIC)</li> <li>• <b>MONTANOV™ 82</b> (Cetearyl Alcohol and Coco Glucoside - SEPPIC)</li> <li>• Cetearyl Alcohol</li> <li>• Dimethicone</li> <li>• Squalane</li> <li>• Isostearyl Isostearate</li> <li>• <b>SEPIlift™ DPHP</b> (Dipalmitoyl Hydroxyproline – SEPPIC)</li> </ul>	2.00% 2.00% 1.00% 2.00% 10.00% 10.00% 1.00%
<b>C</b>	<ul style="list-style-type: none"> <li>• Water</li> <li>• <b>SEPItonic™ M4</b> (Magnesium Aspartate and Zinc Gluconate and Copper Gluconate and calcium Gluconate – SEPPIC)</li> <li>• <b>PHYTO-AGE™</b> (Cimicifuga Racemosa Root Extract – SEPPIC)</li> </ul>	Up to 6.00% 1.00% 0.05%
<b>D</b>	<ul style="list-style-type: none"> <li>• <b>AQUAXYL™</b> (Xylitylglucoside and Anhydroxylitol and Xylitol – SEPPIC)</li> <li>• <b>MANOLIVA™</b> (Manganese Gluconate and Olive Extract – SEPPIC)</li> </ul>	3.00% 0.10%
<b>E</b>	<ul style="list-style-type: none"> <li>• <b>SESAFLASH™</b> (Glycerin and Acrylates Polymer and VP/Polycarbamyl Polyglycol Ester and Hydrolyzed Sesame Protein PG-Propyl Methylsilanediol – SEPPIC)</li> <li>• <b>SEPICALM™ VG</b> (Sodium Palmitoyl Glycine and Nymphaea Alba Flower Extract – Seppic)</li> <li>• Phenoxyethanol and Methylparaben and Propylparaben and Methylisothiazolinone</li> </ul>	5.00% 3.00% 0.50%
<b>F</b>	<ul style="list-style-type: none"> <li>• Water</li> <li>• Fragrance</li> <li>• <b>EXTRAMEL™ C</b> (Hydroxypropyltrimonium Maltodextrin Crosspolymer and Cucumis Melo Fruit Extract – SEPPIC)</li> <li>• <b>SEPIVINOL™ R</b> (Wine Extract – Seppic)</li> <li>• <b>SEPIVITAL™</b> (Potassium Ascorbyl Tocopheryl Phosphate – SEPPIC)</li> </ul>	Up to 14.00% 0.30% 0.10% 0.10% 0.01%

**Manufacturing Procedure (Pilot – Trimix – 5kg)**

Incorporate the water of phase A into the main tank. Sprinkle the Xanthan gum and Magnesium Aluminium Silicate into the water. Mix until the gel is made. Disperse Micropearl MHB-R and add Sepiplus 400. When the mixture is homogeneous add the Lactic Acid. Heat phase A up to 80°C.

Combine phase B ingredients and heat up to 80°C. Add phase B onto phase A and start homogenizing. Combine phase C ingredients before adding them to the main batch. Mix well. Start cooling down.

At 60°C, add phase D. At 50°C, add phase E and at 30°C, add phase F.

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## Comments

<b>SEPIlift™ DPHP</b>	Plant-derived hydroxyproline "Lipovector". An anti-wrinkle ingredient, it moisturizes the skin and reduces the appearance of visible signs of aging (effectiveness proven in vivo). SEPIlift DPHP firms skin tissues by stimulating the contraction of the collagen fibers. It protects dermal fibers from enzymatic lysis and exerts an anti-free radical action. SEPIlift DPHP has intrinsic emulsifying properties and also gives the emulsion a specific feel. SEPIlift DPHP improves lipstick spreadability and provides comfort wearing on lips.
<b>SEPItonic™ M4</b>	Multimineral chrono-energizer. Its zinc, copper and magnesium content helps stimulate the cells by increasing the energy profile (Pyruvate, ATP) and overall metabolism (DNA, proteins). Ideal for tired skin, SEPItonic M4 delivers the elements needed for cell dynamism and the maintenance of skin function. It works to stimulate cell regeneration and helps restore fresh, radiant skin.
<b>PHYTO-AGE™</b>	Plant extract derived from Chinese tradition which has a double anti-ageing performance. It is used to fight photoinduced ageing (protection of the extracellular matrix and of the dermal-epidermal junction) and hormonal ageing by means of its "hormone-like" structure. Ideal active ingredient for all types of anti-ageing care products, including the special care products required by mature skin.
<b>AQUAXYL™</b>	New "AQUACONCEPT" technology : thanks to an harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin ; Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo proven efficacy) for a more supple and resilient skin !
<b>MANOLIVA™</b>	Combination of active olive polyphenols and manganese gluconate, MANOLIVA offers the skin a new "life force" to fight the ravages of pollution. Its exceptional anti-radical activity means that it strengthens the cutaneous shield by preventing the induction of stress and by stimulating cell survival. Ideal active ingredient for antipollution and anti-ageing care products.
<b>SESAFLASH™</b>	An original, patented molecular combination containing sesame to instantly and visibly smooth the skin. Rejuvenation, firmness and comfort guaranteed ! (in vivo proven effect).
<b>SEPICALM™ VG</b>	A successful marriage between palmitoylproline and water lily flower extract reaching 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)
<b>EXTRAMEL™ C</b>	Treat your skin to a delightful melon enzyme cocktail. At last an extract with a traceable natural SOD content and stable in formulation. A total free radical protection and defense for your skin !
<b>SEPIVINOL™ R</b>	Purified bioactive polyphenols derived from red wine, these phytomolecules help combat the phenomena of aging due to their anti-free radical action.
<b>SEPIVITAL™</b>	A new chemical structure obtained by an original graft of vitamin C and vitamin E, SEPIVITAL is a powerful antioxidant which helps combat the phenomena of aging. It is stable in water.
<b>MICROPEARL™ MHB-R</b>	Ultra-soft hollow and ultra light microspheres that impart a "powdery" effect at low use doses. They are easy to use as they are dispersible either in the oil phase or in the aqueous phase, this property allows formulators to make very powdery formulations containing low level of oily materials. In O/W, W/O or W/Silicone emulsions, only 0.1% of MICROPEARL MHB-R is enough to prevent formulations from being greasy and to get a powdery feel.
<b>SEPIPLUS™400</b>	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).
<b>MONTANOV™ 202</b>	Glucolipid emulsifier in harmony with nature with Ecocert validations. It produces very white emulsions with a very light, evanescent feel that are rapidly absorbed. These emulsions leave the skin feeling soft and non-greasy with a matte finish effect to help prevent shine. MONTANOV 202 can promote liquid crystals according to the emulsion diagram, creating water

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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.

## MONTANOV™ 82

Glucolipid emulsifier in harmony with nature with Ecocert validation. Montanov™ 82 is very versatile and allows the formulations of a wide range of textures (sprays, milks and thick emulsions with an unctuous and rich skin feel. It is designed for the formulation of creams with high content of oil phase and for sun care formulations (good UV filter dispersion over time, consistent texture and SPF over time...). MONTANOV™ 82 is very well adapted for the formulation of cosmetics containing high concentrations of active ingredients. In combination with the other grades of the MONTANOV range, MONTANOV™ 82 can be used to modulate the texture and flexibility of the emulsions as desired. The addition of low use level of MONTANOV 82 makes the incorporation of waxes easier in cream-gel

## Characteristics

Appearance	Pinkish cream with violet dots
pH	5.57
Viscosity at RT	64, 200 mPa.s BROOKFIELD LV4 6rpm
Viscosity after 1 month at 45°C	5, 500 mPa.s BROOKFIELD LV4 6rpm
Viscosity recovery after 1 month at 45°C	>100 000 mPa.s BROOKFIELD LV4 6rpm
Stability	> M1 at RT and 45°C Stable 1 month after freeze-thaw cycles -5°C/+40°C Stable after 20' of centrifugation at 3000 rpm at RT and 45°C

## Notes

Xanthan Gum : Keltrol CG T (KELCO)  
Magnesium Aluminium Silicate : VEEGUM HS (RT VANDERBILT)  
Dimethicone : DC200/350 (DOW CORNING)  
Squalane : PHYTOSQUALANE (SOPHIM)  
Isostearyl Isostearate : Dub ISIS (STEARINERIES DUBOIS)  
Fragrance : HERBAX ref G92.29356 (ROBERTET)  
Phenoxyethanol and Methylparaben and Propylparaben and Methylisothiazolinone : Neolone MxP (ROHM & HAAS)

## 7056A – SEPPIC – 0806

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