

Glycolic Acid Cream



MONTANOV™ 202 can promote liquid crystals according to the emulsion diagram.

SEPIMAX™ ZEN stabilizes aqueous gels and emulsions even with high electrolytes and stressful actives from pH 2 to 8.

SEPITONIC™ M3.0 is a multimineral active chrono energizer (zinc, copper, magnesium synergy) for skins. Optimization of cellular respiration to stimulate energy (ATP) and metabolic (DNA proteins) mediators.



US20098-1806

Formula		
A	D.I. Water Glycerin AQUAXYL™ Euxyl PE 9010	48.6 % 3.0 % 1.5 % 1.0 %
B	Montanov™ 202 Emogreen™ L19 DUB MCT 5545* Native Essence™	5.0 % 5.0 % 5.0 % 1.0 %
C	SEPIMAX™ ZEN Solagum™ AX	0.5 % 0.2 %
D	Sepitonic™ M3	1.0 %
E	Glycolic Acid 99.0% D.I Water Sodium Hydroxide,50% w/w solution PH to 3.5	17.4 % 5.0 % 5.8 %

**Procedure
(For 300 g batch)**

Heat phase A and phase B to 85°C separately;Then while maintaining temperature at 85°C add phase C to Phase B and mix well.Combine phase A and (B+C) together and homogenize for 4 minute at 4000 rpm .Then continue mixing with an anchor propeller at 75-100 rpm while cooling down to 45°C;Then add phase D and premixed phase E.

Characteristics	
Appearance	Smooth Cream
pH	3.3
Viscosity 1M at RT	77,900 cps; Brookfield LV 64 @ 6 rpm
Viscosity 1M at 45°C	42,000 cps; Brookfield LV 64 @ 6 rpm
Viscosity recovery at RT (after 1M at 45°C)	69,800 cps; Brookfield LV 64 @ 6 rpm
Stability*	Stable at RT/ 45°C and Passed 3 cycle F/T(-5 /40°C)

Raw materials from SEPPIC

AQUAXYL™
Xylitylglucoside and Anhydroxylitol and Xylitol
AQUAXYL™ moisturizes and restructures the skin ; (in vitro and in vivo proven efficacy)

SEPIMAX™ ZEN
Polyacrylate Crosspolymer-6
Powder polymer with a MAXIMUM resistance to electrolytes . Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: rich, velvety and elegant. It is possible to formulate transparent aqueous gels, cream-gels and emulsions.

MONTANOV™ 202
Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside :
Natural glycolipid emulsifier derived from vegetable origin that provide Liquid Crystal system.

Solagum™ AX
Acacia Senegal Gum & Xanthan Gum
Solagum™ AX Acacia Senegal Gum (and) Xanthan Gum is thickening polymers from vegetable origin.

Emogreen™ L19
C15-19 Alkane (Renewable)
Emogreen™ L19 is a high purity. light skin feel emollient made from natural ingredients. It gives silicone like skin feel.

Native Essence
Caprylic/Capric Triglyceride & Crithmum Maritimum Extract
It is a sea fennel oil extract that restores hydrolipidic barrier, detoxifies asphyxiated skin and protects blood vessel membranes.
SEPITONIC™ M3.0 Magnesium Aspartate (and) Zinc Gluconate (and) Copper Gluconate

Other raw materials...

Phenoxyethanol (and) Ethylhexylglycerin:EUXYL PE 9010 (SCHÜLKE)
Caprylic/capric triglycerides:DUB MCT 5545 ;(Stearinerie-Dubois)*
Glycolic Acid: GlyAcid 99 HP (CROSSCHEM)
Glycerin:Natural Sourcing, LLC
Sodium Hydroxide:Alfa Aesar

* Distributed by SEPPIC INC.