

US20099

Glycolic Acid Serum Gel





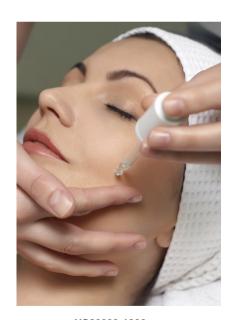




AQUAXYL™ strengthen moisture in epidermal tissues.

SEPITONIC™ M3.0 boosts skin oxygenation.

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



US20099-1806

that it complies with any regulatory status

Formula		
A	D.I. Water	59.6%
В	SEPIMAX™ ZEN	1.5%
С	AQUAXYL™	1.5%
	Glycerin	3.0%
	DUB DIOL*	2.0%
	Sepicide™ LD	0.5%
D	Sepitonic™ M3.0	1.0%
E	Glycolic Acid 70%	24.6%
	Sodium Hydroxide(50%W/W	6.3%
	solution) PH to 3.5	

Procedure

Ross Disperser (For 300 g batch)

Add phase B to phase A under mixing by using a dispersing blade at 500 rpm,then increase speed to 1500 rpm.when phase B is properly swelled and uniformed, add phase C ingredients one by one and continue to mix to obtain a uniform gel; Then add phase D. Combine phase E together and adjust the PH to 3.5 then add to the above gel and mix well.

Characteristics

Appearance	Translucent Gel

covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by SEPPIC according to its own described methods and processes. SEPPIC however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove

Viscosity 1M at RT 3550 cps; Brookfield LV 63 @ 12 rpm Viscosity 1M at 45°C 1950 cps; Brookfield LV 63 @ 12 rpm

Viscosity recovery at RT 3600 cps; Brookfield LV 63 @ 12 rpm (after 1M at 45°C)

Stability* Stable at RT/45°C and Passed 3 cycle

F/T(-5 /40°C)

Raw materials from SEPPIC

AQUAXYI TM

Xylitylglucoside and Anhydroxylitol and Xylitol New "AQUACONCEPT" technology: thanks to a harmonization of the skin's hydrous flow, 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 with any kind of active.

SEPITONIC™ M3.0 Magnesium Aspartate and Zinc Gluconate and Copper Gluconate Smart mineral complex, it boosts oxygenation and efficacy of other active ingredient in formulas. SEPITONIC™ M3 is a cell chrono-energizing and anti-free radical agent designed for hair and skin care. Increasing the cutaneous oxygenation, SEPITONIC™ M3 is active at any age for vitality, skin aging prevention and protection against stress and pollution.

Sepicide™ LD: Phenoxyethanol (Preservative)

Other raw materials...

Methylpropanediol: DUB DIOL (Dubois)* Glycolic Acid: GlyAcid 70 HP (CROSSCHEM) Glycerin: Natural Sourcing, LLC Sodium Hydroxide:Alfa Aesar

* Distributed by SEPPIC INC.

