

SEPPIC

EU07052

AHA GELTRAP™ EMULSION SMOOTH & RADIANT SKIN



- White, shiny and smooth Geltrap™ emulsion

- Packaging: tube

- Use Easynov™ to create new and innovative galenics enriched with water: Geltrap™ emulsions

- Low shear

- An easy way to formulate, even in the presence of stressing actives loaded with electrolytes – such as glycolic acid



Formula

A	LANOL™ 99	3,50 %
	EASYNOV™	2,50 %
	Phenoxyethanol & Ethylhexylglycerin	1,00 %
	Parfum/Fragrance	0,10 %
	AQUAXYL™	1,00 %
B	SEPIPLUS™ 400	3,00 %
	Aqua/Water	Up to 100 %
C	Glycolic Acid	3,00 %
	TEA	4,88 %

Procedure (DUMEK - 2kg)

Prepare the gel phase B in the main tank by swelling the SEPIPLUS™ 400 into water under turbulent flow (rotor stator 700rpm). Mix until the gel gets homogeneous. Blend ingredients of the fatty phase separately and add them in one step onto the gel, then mix: planetary mixing for 20'. Add successively ingredients of phase C while mixing for 20' with the planetary mixing head after each addition.

Characteristics

Appearance	ice blue emulsion
Type of emulsion	W/O (no conductivity - does not dilute into water)
Viscosity at room temp	36,700 mPa.s LV4 brookfield sp.6
Viscosity after 1 month 45°C	30,000 mPa.s LV4 brookfield sp.6
Viscosity recovery at RT (after 1 month 45°C)	41,600 mPa.s LV4 brookfield sp.6
Stability	Stable after one month freeze-thaw cycles -5°C/+40°C Stable at room temperature and 45°C

EU07052 - 0706

Raw materials from SEPPIC

EASYNOV™

Octyldodecanol and Octyldodecyl Xyloside and PEG30-Dipolyhydroxystearate

Easynov™ is a liquid lipophilic emulsifier. It allows to develop Water-in-Oil emulsions and thus gives soft and silky textures without tacky effect. Thanks to its liquid form, emulsions can be prepared through a cold process.

SEPIPLUS™ 400

Polyacrylate-13 & Polyisobutene & Polysorbate 20

Thickening agent in liquid form very easy to use (no predispersion or neutralization). Sepiplus™ 400 gives an improved electrolyte resistance over a wide pH range (3 to 11). It allows a good pick-up and can be rubbed on easily.

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 and water loss is reduced (in vitro and in vivo tests prove this efficacy).

LANOL™ 99

Isononyl Isononanoate

Texturing agent which is very easy to emulsify. It provides a soft and light texture and is easy to spread.

Other raw materials...

- Fragrance: **DODO rs120 22 (TECHNICOFLOR)**
- Phenoxyethanol & Ethylhexylglycerin: **EUXYL™ PE9010 (SCHULKE & MAYR)**

All information contained herein is intended merely to demonstrate the utility of SEPPIC products, and should not be construed as granting license to practice any compositions or methods 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 formulation since the conditions of use are beyond its control. SEPPIC customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

www.seppic.com