

**SEPPIC**

EU07033

# ANTIPERSPIRANT CARE GELTRAP™ EMULSION



- White Geltrap™ emulsion
- Packaging: roll-on

· Easynov is used to inspire new galenics, ultra-enriched with water: Geltrap™ emulsions

- Possibility to formulate with sensitive actives that are enriched with electrolytes
- Amazing feeling even in the presence of Aluminium chlorohydrate
- Cold process
- Low shear



EU07033 - 0603

## Formula

<b>A</b>	<b>LANOL™ 99</b>	3,50 %
	<b>EASYNOV™</b>	2,50 %
	Phenoxyethanol & Ethylhexylglycerin	1,00 %
	Parfum/Fragrance	0,10 %
<b>B</b>	<b>SEPIPLUS™ 400</b>	1,00 %
	<b>AQUAXYL™</b>	3,00 %
	Aqua/Water	Up to 100 %
<b>C</b>	Aluminium Chlorohydrate 50%	30,00 %

## Procedure

**(Pilot – Dumek – 2kg)**

Prepare the aqueous gel B into the main tank under turbulent flow. Mix ingredients of fatty phase A separately and then add it onto the gel in one stage. Mix with the planetary equipment (or baffle type mixer). After 20' add aluminium chlorhydrate (with a controlled flow) while keeping the same mixing condition for 1h. Turbulent flow must be avoided to keep good stability.

## Characteristics

Appearance	white emulsion
Viscosity at room temp	49,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month 45°C	69,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity recovery at room temp (after 1 month 45°C)	39,000 mPa.s BROOKFIELD LV4 sp.6
Stability	Stable at room temp. - 45°C
	Stable after 1 month freeze-thaw cycles - 5°C/+45°C
	Stable when centrifuged at RT. 20' 3000 rpm

## 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 ready to use (no predispersion or neutralization). Sepiplus™ 400 gives an improved electrolyte resistance. It also allows a good pick-up and guarantees a good spreadability and is compatible with a wide range of actives over a wide pH range (3 to 11).

### 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).

## Other raw materials...

- Aluminium chlorohydrate 50%: **Chlorhydrol (REHEIS)**
- Phenoxyethanol & Ethyl hexyl glycerin: **SENSIVA SC50 (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](http://www.seppic.com)