

GELTRAP™ EMULSION FRESH BODY LOTION FOR MEN

Raw materials from SEPPIC



- White and fluid geltrap emulsion
- Packaging: bottle

· Use Easynov™ to create new galenics enriched with water: Geltrap™ emulsions!

- Amazing texture
- Low shear
- Cold process



EU07024 - 1309

Formula

A	EASYNOV™	1,50 %
	LANOL™ 99	7,32 %
	Paraffinum Liquidum	1,00 %
	Cyclomethicone	4,00 %
	SEPICIDE™ HB	0,20 %
	Parfum/Fragrance	0,10 %
B	SIMULGEL™ INS100	1,60 %
	Aqua/Water	Up to 100 %
C	Chlorphenesin	0,20 %
	Water	5,00 %
D	AQUAXYL™	3,00 %

Procedure

(Trimix 7 kg - planetary rotor + défloculator)

Weigh water into the main tank, add polymer and mix until homogeneous ; Add the chlorphenesin into the gel (once dissolved in a part of hot water) then add AQUAXYL . Blend fatty components and add them to the gel phase and start mixing with gentle stir (planetary) for 5'. The emulsion turns into water-in-oil emulsion. Get it thinner by increasing shear : 5' 500 rpm + 5' 1000rpm with serrated disk stirrer.

Characteristics

Appearance	white fluid emulsion
Type of emulsion	W/O
Viscosity at room temp	10,000 mPa.s BROOKFIELD LV2 sp.6
Viscosity after 1 month 45°C	12,360 mPa.s BROOKFIELD LV2 sp.6
Viscosity recovery at room temp (after 1 month 45°C)	10,140 mPa.s BROOKFIELD LV2 sp.6
Stability	> M3 at room temp & 45°C > M1 after freeze-thaw cycles -5 / +40°C Stable when centrifuged 20' at 3000 rpm

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.

SIMULGEL™ INS 100

Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer & Isohexadecane & Polysorbate 60

This compound is in the form of liquid, and is ready-for-use. It is a thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 11), and for the development of all types of consistencies: sprays, ultra-fluid to thick ones. It gives to the formulas a fresh and melting texture.

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.

SEPICIDE™ HB

Phenoxyethanol and Methylparaben and Ethylparaben and Propylparaben and Butylparaben

Preservative

Other raw materials...

- Paraffinum Liquidum: **PRIMOL 352 (EXXON)**
- Fragrance: **GIABAZ G91.21544 (ROBERTET)**