



## LEMON MERINGUE TART GELTRAP™ Duo, nourishing & comforting body care

### Formula

		Lemon cream	Meringue
A	SEPIMAX ZEN™ Aqua/Water Pentylene glycol	1.00% qsp 100% 1.50%	Identical composition
B	EASYNOV™ EMOGREEN™ L19 LANOL™ P	3.00% 5.00% 3.00%	
C	Pentylene glycol Parfum/Fragrance Colorant (solution at 1%)	1.50% 0.10% 0.800	1.50% 0.40% -

### Procedure

#### Laboratory, 600g

Realise first the aqueous gel of SEPIMAX ZEN™ (rotor-stator 5 min/5 000 rpm) then add pentylene glycol. Melt phase B at 60°C. Drop phase B on A then emulsify under high shear (rotor-stator) 1 min 30" at 2 000 rpm. Cool down under Deflocculated disc stirrer and add phase C at at 40°C.

### Characteristics

Appearance	Bi-phase, yellow GELTRAP™ at the bottom, white GELTRAP™ on the top with peaks at the surface
pH	-
Viscosity 1M at RT	Yellow: 110 800 mPa.s Brookfield S7S5 White : 105 200 mPa.s Brookfield S7S5
Viscosity 1M at 45°C	Yellow: 112 000 mPa.s Brookfield S7S5 White : 106 000 mPa.s Brookfield S7S5
Viscosity recovery at RT (after 1M at 45°C)	Yellow: 120 000 mPa.s Brookfield S7S5 White : 110 000 mPa.s Brookfield S7S5
Stability*	M1, TA & 45°C

## Raw materials from SEPPIC

### SEPIMAX ZEN™

#### Polyacrylate Crosspolymer-6

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling, included foaming formulas: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

### EASYNOV™

#### Octyldodecanol and Octyldodecyl Xyloside and PEG-30 Dipolyhydroxystearate

Liquid lipophilic emulsifier. EASYNOV™ realizes emulsions with an internal gelled aqueous phase extra-rich in water by a cold process with gentle stirring: the GELTRAP™ emulsions. This novel formulation form offers surprising textures, marrying freshness and cushion effect.

### EMOGREEN™ L19

#### C15-19 Alkane (natural & renewable)

EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and gliding touch, with a soft afterfeel. Inert and stable, it can be used in all types of applications, even in extreme conditions (ph, oxidizing/reducing media...)

### LANOL™ P

Texturing agent which improves the consistency of the formula and brings soft skin feel, without any soaping effect.

## Other raw materials...

Pentylene Glycol: HYROLITE 5 (SYMRISE)  
or PENTIOL GREEN+ (MINASOLVE)

Parfum/Fragrance: CHANTILLY for the white meringue and LEMON TART for the yellow lemon cream (EXPRESSIONS PARFUMÉES)

Colorant: CI 1940 (SENSIENT)

