



EU07486 | LEMON MERINGUE TART

GELTRAP™ duo nourishing & comforting body care



Geltrap

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GELTRAP™ technology

A “Gourmet” Body Care:
nourishing & comforting

	Lemon cream	Meringue
A SEPIMAX ZEN™ Aqua/Water Pentylene glycol	1.00% Up to 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% 0.80%	

Bi-phase, yellow GELTRAP™ at the bottom, white GELTRAP™ on the top with peaks at the surface / Packaging: Jar

VISCOSITIES: 1M at RT: Yellow: 110,800 mPa.s Brookfield LV4-6 /
White: 105,200 mPa.s Brookfield LV4-6.

Recovery at RT (after 1M at 45°C): Yellow: 120,000 mPa.s Brookfield LV4-6 /
White: 110,000 mPa.s Brookfield LV4-6.

STABILITY: 1M at RT & 45°C.

FORMULATION ADVICES: Laboratory scale - 600 g - Rotor Stator - Defloculator

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 Defloculated disc stirrer and add phase C at at 40°C.

A fun concept: bi-phase cream with a lemon yellow cream at the bottom & a white meringue with peaks at the surface. A gourmet cosmetic product!

The appearance, the texture & the smell evoke a sweet lemon meringue tart temptation!

Simple & minimalist concept: the 2 formulas are overlaid & are identical in term of composition. The 2 phases are **GELTRAP™** emulsions (gel-in-oil technology patented by Seppic), produced using a generous shear with a rotor-stator, and using **EASYNOV™** as emulsifier. Comfort & emollience with low amount of oil! (Octyldodecanol-Octyldodecyl Xyloside - PEG-30 Dipolyhydroxystearate) **Liquid lipophilic emulsifier.** It 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 & cushion effect.

SEPIMAX ZEN™ gives an airy texture by stabilizing the air bubbles trapped during the high-shear process. It also gives an elastic texture that maintains the peaks of the meringue. (Polyacrylate Crosspolymer-6)

Powder polymer with a MAXIMUM resistance to electrolytes (high associative behavior). Stable from pH 2 to 8, it enables the creation of formulas with a **specific skin feeling: rich, velvety & elegant.**

LANOL P, consistency agent, brings density to the GELTRAP™ & reinforces the powdery finish. (Glycol Palmitate)

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

EMOGREEN™ L19. Non-polar & biodegradable emollient of vegetable origin, gives a fresh & gliding touch with a soft finish.

(C15-19 Alkane*) (*Plant-based & Renewable)
This **high-purity vegetable alkane** is the alternative to silicone oils. It can be formulated in all types of applications, **even in the most extreme conditions.**

ADDITIONAL INGREDIENTS: Pentylene Glycol: HYROLITE 5 (SYMRISE) or PENTIOL GREEN+ (MINASOLVE) / Fragrance: CHANTILLY for the white meringue & LEMON TART for the yellow lemon cream (EXPRESSIONS PARFUMÉES) / Colorant: CI 1940 (SENSIEN).

More informations available on seppic.com