

# EU07067A



Thanks to a specific manufacturing process, the intrinsic properties of Sepiplus<sup>™</sup> 400 enable the formulator to obtain multiple cream-gels which are stable in time and likely to have a durable moisturizing effect

## MULTIPLE CREAM GEL ONE STEP PROCESS

Formula		
A	SEPIPLUS <sup>™</sup> 400	1,80 %
	C12-15 Alkyl Benzoate	20,00 %
	SEPICIDE <sup>™</sup> LD	1,00 %
В	Aqua/Water	Up to 100 %

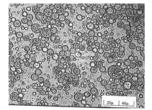
### Procedure

(Trimix – 6 kg)

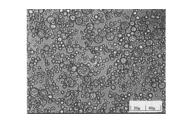
Blend ingredients in A in the beaker then progressively add water while gently mixing with a spatula or an anchor.

#### Microscopic assessment:

Rheological studies with frequency or temperature sweep have demonstrated the perfect stability of this multiple emulsion.



Lab Formula EU07067A - 0709



Trimix Formula

### Characteristics

Appearance pH à M1 TA Viscosity at room temp Viscosity after 1 month at 45°C Viscosity recovery at RT (after 1 month at 45°C) Stability

white compact cream gel 5,6 120,000 mPa.s BROOKFIELD LV2 sp.6 130,000 mPa.s BROOKFIELD LV2 sp.6 120,000 mPa.s BROOKFIELD LV2 sp.6

> M3 at room temp & 45°C Stable after 1 month of freeze-thaw cycles -5/+40°C Stable after centrifugation 20' at 3000 rpm

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### Raw materials from SEPPIC

#### SEPIPLUS™ 400

#### Polyacrylate-13 & Polyisobutene & Polysorbate 20

Thickening agent in liquid form ready to use (no predispersion or neutralization). Sepiplus<sup>TM</sup> 400 gives an improved electrolyte resistance. It also allows a good pick-up and garantees a good spreadability and is compatible with a wide range of actives over a wide pH range (3 to 11).

#### **SEPICIDE™ LD**

**Phenoxyethanol** Preservative

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