EU07067A

MULTIPLE CREAM GEL
ONE STEP PROCESS

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

Formula

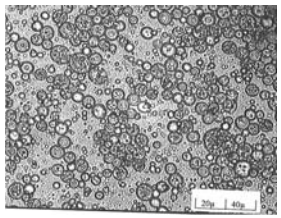
A	**SEPIPLUS™ 400**	1,80 %
	C12-15 Alkyl Benzoate	20,00 %
	SEPICIDE™ LD	1,00 %
B	Aqua/Water	Up to 100 %

Procedure
(Trimix – 6 kg)

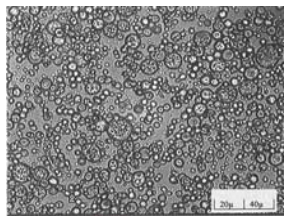
Blend ingredients in A in the beaker then progressively add water while gently mixing with a spatula or an anchor.

Microscopic assessment:

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



Lab Formula



Trimix Formula

Characteristics

Appearance	white compact cream gel
pH à M1 TA	5,6
Viscosity at room temp	120,000 mPa.s BROOKFIELD LV2 sp.6
Viscosity after 1 month at 45°C	130,000 mPa.s BROOKFIELD LV2 sp.6
Viscosity recovery at RT (after 1 month at 45°C)	120,000 mPa.s BROOKFIELD LV2 sp.6
Stability	> 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™ 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