



O/W
Emulsion

Sepinov EMT 10 and silica combination allowed to make a smooth pudding like texture.

Emogreen L15 provides silky skin feel without greasiness or tackiness while Dub Estoline provides a protective film for the skin by forming a barrier.



PC91501-1908

Formula

A	Water	70.87%
A	Aquaxyl™	1.50%
A	Glycerin	3.00%
B	Montanov™ L	2.00%
B	Sepilift™ DPHP	1.00%
B	Emogreen™ L15	18.00%
B	DUB ESTOLINE®*	1.00%
B	Silica	0.50%
C	Sepinov™ EMT 10	1.00%
D	Phenylpropanol & Propanediol & Caprylyl Glycol & Tocopherol	1.00%
E	Sodium hydroxide, 25% solution; qs to pH 5-5.5	0.13%
F	Caramel color Blue #1 Solution 0.1% : 2.56 g Yellow #5 Solution 0.1% : 6.63g Red 40 #1 Solution 1% : 0.65 g	qs

Procedure

Batch size = 300 grams

Combine phase A and heat to 85C. Combine phase B by dispersing silica in liquid oil first and then add other ingredients and heat to 85C. When phase B is completely melted, disperse phase C into phase B. Combine phase BC with phase A and homogenize at 4,000 rpm for 4 minutes. Cool down with sweeper to 50C and add phase D and E. At ambient temperature, add phase F and mix until uniform.

Characteristics

Appearance	Smooth texture
pH	5.6
Viscosity 1M at RT	245,000 cps; Brookfield LV95 @1.5rpm
Viscosity 1M at 45°C	166,000 cps; Brookfield LV95 @1.5rpm
Viscosity recovery at RT (after 1M at 45°C)	194,000 cps; Brookfield LV95 @1.5rpm
Stability*	Passed 3 months 45C & RT, 3 F/T cycles (-5C/+40C)

Raw materials from SEPPIC

Aquaxyl™

Xylitylglucoside & Anhydroxylitol & Xylitol

New "AQUACONCEPT" technology : thanks to an harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin; Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo proven efficacy) for a more supple and resilient skin !

MONTANOV™ L

C14-22 Alcohols and C12-20 Alkyl Glucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo). Ecocert and Natrue approved.

SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline

Plant-derived hydroxyproline "Lipovector". An anti-wrinkle ingredient, it moisturizes the skin and reduces the appearance of visible signs of aging (effectiveness proven in vivo). SEPIlift™ DPHP firms skin tissues by stimulating the contraction of the collagen fibers. It protects dermal fibers from enzymatic lysis and exerts an anti-free radical action. SEPIlift™ DPHP has intrinsic emulsifying properties and also gives the emulsion a specific feel. Ecocert and Natrue approved.

Emogreen™ L15

C15-19 Alkane (Renewable)

Emogreen™ L15 is a high purity, light skin feel emollient made from natural ingredients. It gives silicone like skin feel.

Sepinov™ EMT 10

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer «2-in-1», thickening in a wide pH range (3-12), ready to use, with an excellent stabilizing properties at low level and in presence of a high % of oily phase. Sensory profile: "satin" touch, fresh, glide-on.

Other raw materials...

DUB ESTOLINE®*: Ethylhexyl Polyhydroxystearate (Dubois)

Silica: Aerosil 200 (Evonik)

Phenylpropanol & Propanediol & Caprylyl glycol & Tocopherol: Sensiva PA 40 (Schulke)

*Distributed in the US by SEPPIC Inc.