



O/W
Emulsion



Fluidifeel™ Easy and **Sepinov™ EMT 10** is a perfect emulsifying combination that allows to make cool processable lotion and cream.

Aquaxyl™ and glycerin combination works synergistically to provide long lasting moisture while **Sepicalm™ S WP** helps to calm and reduce irritation.

Emosmart™ V21 gives light silky skin while Dub Estoline forms a barrier to protect the skin.



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Formula

A	Water	62.50%
	Glycerin	3.00%
	AQUAXYL™	1.50%
	SEPICALM™ S WP	3.00%
B	Euxyl K 903 (Benzyl Alcohol & Benzoic Acid & Dehydroacetic Acid & Tocopherol)	1.00%
C	EMOSMART™ V21	15.00%
	DUB ESTOLINE®*	10.00%
	Hemp Seed Oil	1.00%
	FLUIDIFEEL™ EASY	1.00%
D	SEPI NOV™ EMT 10	2.00%
E	Sodium Hydroxide, 25% solution	q.s.

Procedure

300 grams batch size

Combine phase A and mix well. While mixing, add phase B. Combine phase C, mix well and then disperse phase D into C. Add phase CD to AB under high shear mixer and mix until smooth cream is formed. Check and adjust pH to 5 - 5.5 if necessary with phase E.

Characteristics

Appearance	White cream
pH	5.03
Viscosity 1M at RT	319,000 cps; Brookfield LV64 @1.5 rpm
Viscosity 1M at 45°C	307,000 cps; Brookfield LV64 @1.5 rpm
Viscosity recovery at RT (after 1M at 45°C)	310,000 cps; Brookfield LV64 @1.5 rpm
Stability*	Passed 3 months at 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 !"

SEPICALM™ S WP

Sodium Cocoyl Amino Acids and Sarcosine and Potassium Aspartate and Magnesium Aspartate

Happiness Soother for sensitive and irritated skins ! Aminoacids biovector enriched with mineral salts, SEPICALM™ S protects the skin from any type of internal or external stress (fights against aggressions such as inflammation, UV rays, abrasions ...) while exalting it by a real sensation of well being and comfort (increase the production of cutaneous pleasure molecules, reliefs irritative reactions felt by delicate skins and moisturizes effectively). Efficacy proven on volunteers and at the heart of skin cells. A gentle invitation to relaxation ...

FLUIDIFEEL™ EASY

Lauryl Glucoside & Myristyl Glucoside & Polyglyceryl-6 Laurate

A natural and sustainable O/W emulsifier that allowed to make low and sprayable emulsion via cold or hot process. When combine with polymer, it can make thick cream or lotion.

SEPI NOV™ EMT 10

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer

Normal: 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

EMOSMART V21

C18-21 Alkane

EMOSMART™ V21 is a high-purity, non polar and biodegradable emollient. It shows an excellent compatibility with all types of oils. It allows to obtain fresh textures with a soft finish and matt veil. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...)

Other raw materials...

Euxyl K 903: Benzyl Alcohol & Benzoic Acid & Dehydroacetic Acid & Tocopherol (Schulke)

DUB ESTOLINE®*: Ethylhexyl Polyhydroxystearate (Stearinerie Dubois)

Hemp Seed Oil (Sophim)

*Product distributed in the US by SEPPIC Inc.

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* Our stability protocols are available at your request.