

“Skin rehab” Detoxifying & Energizing Mist

O/W Emulsion



Fluidifeel™ Easy, Simulgel™ INS 100 and Sepimax™ Zen are the emulsifying base that emulsify and stabilize the emulsion.

EMOGREEN™ L19 gives a refreshing and gliding sensation with a soft afterfeel while Dub Estoline provides a skin barrier.

AQUAXYL™ and glycerin combination works synergistically to provide long lasting moisturization.



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Formula

A	Water	80.10%
A	Glycerin	3.00%
A	AQUAXYL™	1.50%
A	Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol	1.00%
A	BIOPLASMA™ FA	1.00%
B	EMOGREEN™ L15	7.00%
B	Organic Virgin Raspberry Seed oil*	1.00%
B	Fragrance	0.10%
B	FLUIDIFEEL™ EASY	2.00%
B	SIMULGEL™ INS-100	1.00%
B	SEPIMAX™ ZEN	0.30%
C	SEPIFINE™ BB	2.00%

Procedure

Homogenizer 300 grams

Combine phase A and mix well and adjust to pH 5-5.5. Combine phase B and add it to phase A using Ross and mix for 10 minutes with vortex. Move batch to homogenizer and homogenize for 4 minutes at 4,000 rpm. While still homogenizing at a lower speed, add phase C. Check and adjust pH to 5-5.5 with 25% NaOH.

Characteristics

Appearance	white and flowing
pH	5.63
Viscosity 1M at RT	11198 Brookfield LV spindle 64 @ 6 rpm
Viscosity 1M at 45°C	11598 Brookfield LV spindle 64 @ 6 rpm
Viscosity recovery at RT (after 1M at 45°C)	5599 Brookfield LV spindle 64 @ 6 rpm
Stability*	Passed F/T 3 cycles -5/40C and 3 month at 45C.

Raw materials from SEPPIC

AQUAXYL™

Xylitylglucoside & Anhydroxyitol & Xylitol
AQUAXYL™ moisturizes and strengthens the hair; maintains moisture deep in the hair, protects the integrity of hair fibers. Moreover, it improves the foam quality and reduces irritation induced by LESNa. Its mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

EMOGREEN™ L-19

C15-19 Alkane (Renewable)

Unique high purity and biodegradable alkane. Vegetable origin, non GMO. Inert and non polar oils. A unique first refreshing and gliding sensation with a soft after feel. Biodegradable alternative to silicone oils. Crystal clear and colorless liquid. Versatile applications: skin care, hair care, make-up, sun-care, cleanser, make-up remover, depilatory, deodorant, hair color.

FLUIDIFEEL™ EASY

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Isohexadecane, Polysorbate 60

Fluidifeel™ Easy is a natural, cold processable emulsifier for stabilizing fluid to very fluid emulsions. It leaves a light and pleasant afterfeel-perfect for skincare, hair care makeup of any other kind of fluid emulsion.

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6

Sepimax™ ZEN is the perfect polymer for building the “chassis” of formulations and addressing the challenge of stress-inducing and difficult active ingredients. It forms transparent gels with a velvety, rich and elegant feel. It is versatile and can be used in both skin care and hygiene products.

SEPIFINE™ BB

Amlopectin

Sepifine™ BB is water and oil dispersible with a primary function of texturizing agent for skin care and makeup applications. It is versatile for gel creams, emulsions or powders. Its velvety skin sensation even improves the afterfeel of sun care lotions.

BIOPLASMA™ FA

Aqua/Water, butylene glycol, plankton extract, arginine ferulate

A combination of plankton extract from the Sahel region of Africa combined with arginine ferulate. The combination of the Plankton extract with the arginine offer 2 mechanisms to provide optimal cell detoxification.

SIMULGEL™ INS-100

Hydroxyethyl Acrylate/Sodium Acryloyldimethyltaurate Copolymer and isohexadecane and Polysorbate 60

Pre-neutralized liquid inverse latex polymer, ready to use. Thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 12) and for the development of all types of consistencies: sprays, ultra-fluid to thick ones.

Other raw materials...

Glycerin: (From Nature with Love)
Benzyl alcohol and benzoic acid and dehydroacetic acid and tocopherol
Euxyl K 903 (Schulke)
Fragrance: Lotus Blossom (Isaltis) Givaudan-Lavirotte
Rubus Idaeus (Raspberry) Seed Oil: **Organic Virgin Raspberry Seed Oil*** (Sophim)

*Distributed in the US by SEPPIC Inc.