


O/W Emulsion


- Light purple emulsion
- Packaging : Pump
- **SEPICALM™ S WP** can soothe the skin in seconds thanks to the release of β -Endorphins. It makes skin happy!
- Protected from free-radical's detrimental effects, cells live better and longer as Sirtuin 1 is increased by **SEPIVINOL™** (better than Resveratrol alone).


LZ161303 - 1607
Formula

A	Water	Up to 100%
B	MONTANOV™ L SIMULGEL™ INS 100 SEPIPLUS™ S Ethylhexyl Palmitate Caprylic/Capric Triglyceride EMOSMART™ V21	1.50% 1.00% 0.60% 4.00% 3.00% 3.00%
C	AQUAXYL™	3.00%
D	Butylene Glycol SEPIVINOL™	4.00% 0.10%
E	SEPICALM™ S WP Phenoxyethanol & Ethylhexylglycerin Ethylhexylglycerin Fragrance	1.00% 0.80% 0.20% 0.08%

Procedure
(Lab – Silverson Rotor Stator -300g)

Weigh the phase A and phase B. Heat phase A and phase B to 80°C. Add phase A into phase B and homogenize it by Silverson rotor-stator 4000rpm for 4 min. Cool down under anchor stirring 100rpm without water bath for 10 min. Add phase C and stir it under anchor stirring 100rpm with water bath. Disperse Sepivinol in BG well, and then add phase D and E in the emulsion separately during cooling step. Stop stirring until even.

Characteristics

Appearance	Light purple milk
pH	Around 4.9
Viscosity 1M at RT	16,600 mPa.s Brookfield S63 sp.6
Viscosity 1M at 45° C	2,800 mPa.s Brookfield S62 sp.6
Viscosity recovery at RT (after 1M at 45° C)	15,600 mPa.s Brookfield S63 sp.6
Stability*	3M Stable at RT/ 45° C/ -18° C except color Stable after 1M of freeze/thaw cycles -5/+40° C except color

Raw materials from SEPPIC
MONTANOV™ L
C14-22 Alcohols and C12-20 Alkyl Glucoside

Glucolipid emulsifier in harmony with nature. MONTANOV™ L is especially useful to produce fluid formulas whatever the type or quantity of oil phase used. MONTANOV™ L has a shear-thinning profile that is stable over time and well-adapted to the formulation of sprayable emulsions. It offers easy stabilization in the presence of hydrosoluble active ingredients that are rich in electrolytes. MONTANOV™ L can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. MONTANOV™ L is fully adapted to produce emulsions with any kind of texture fluid or thick.

SIMULGEL™ INS 100
Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60

Pre-neutralized liquid inverse latex polymer, ready-for-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. It gives to the formulas a fresh and melting texture.

SEPIPLUS™ S
Hydroxyethylacrylate/sodium acryloyldimethyl taurate Copolymer/ polyisobutene/ PEG-7 trimethylolpropane coconut ether

Liquid ready to use concentrated polymer, thickening in a wide pH range(3-10), effective in particular with high levels of electrolytes; Used as co-emulsifier or stabilizer, it has from 1% a rich and unctuous feeling and provides an unrivalled softness to emulsions for an absolute comfort prolonged in time.

AQUAXYL™
Xylitylglucoside and Anhydroxylitol and 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 !

SEPIVINOL™
Wine Extract

Extract from wine (polyphenols concentration) known for its antioxidant preventive action. SEPIVINOL™ reveals its better efficiency than Resveratrolones to restore Sirtuine-1 (universal time protein). This curative action preserves the cell youth capital! Ecocert and Natrue approved.

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 ...

EMOSMART™ V21
C18-21 Alkane-SEPPIC

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...

- Ethylhexyl Palmitate: **Estol 1543 (CRODA)**
- Caprylic Capric Triglyceride: **Myritol 318 (BASF)**
- Phenoxyethanol & Ethylhexylglycerin: **Euxyl PE9010 (S&M)**
- Ethylhexylglycerin: **Sensiva SC50 (S&M)**
- Fragrance: **Frag261664 (DROM)**