SEPPIC

EU07341

WATER CARE
FLUDITY & EMOLLIENCE

- **Aspect: slightly purple opaque fluid**
- **Packaging: Bottle**

- **Water Care with a rich texture: " oil-like ".**
- **The presence of OLIGOGELINE™ PF creates a moisturizing protective film which acts as a second skin. "Synergy" with other ingredients:**
  - **Reinforced moisturizing action of AQUAXYL™**
  - **Completed Sensory by SENSANOV™ WR: a smooth and slippery veil with a matifying effect.**
  The association SEPIMAX™ ZEN + SIMULGEL™ FL stabilizes perfectly glycols of this fluid formula for an "oil-like" sensation very emollient.

- **An union between various complementary ingredients which surprises on its texture and its emollient efficiency.**

EU07341 - 1510

Formula

A	Aqua/Water	Up to 100%
	SENSANOV™ WR	**0.50%**
	Triethanolamine 50%	0.14%
B	Butylene Glycol	10.00%
	Propylene Glycol	10.00%
	SEPIMAX™ ZEN	**0.20%**
	SIMULGEL™ FL	**0.30%**
	Cyclopentasiloxane	3.00%
C	**OLIGOGELINE ™ PF**	**1.00%**
	AQUAXYL™	**3.00%**
	Alcohol	3.00%
	Colorant	0.30%
D	Phenoxyethanol and Ethylhexylglycerin and Methylparaben and Ethylparaben	0.60%
	Fragrance/ Parfum	0.05%

Procedure
BECOMIX (5 kg)

Add the ingredients of the phase B into the BECOMIX tank and homogenize at RT. In other tank, heat the water at 85°C and disperse other ingredients of the phase A. Add the phase A into the phase B. Emulsify during 5 minutes. Cool down slowly until 30°C before adding phase C and D. Mix and homogenize during 10 minutes and cool down until 20°C. Check the pH.

Characteristics

Appearance	Slightly purple fluid
pH	5.98
Viscosity 1M at RT	1100 mPa.s Brookfield S2S6
Viscosity 1M at 45° C	590 mPa.s Brookfield S2S6
Viscosity recovery at RT (after 1M at 45° C)	940 mPa.s Brookfield S2S6
Stability*	1M at RT/ 45°C/ -18°C, Stable after 1M in cycle -5°C/+40°C

Raw materials from SEPPIC

AQUAXYL™
Xylitylglucoside and Anhydroxylitol and 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 some surfactants (LESNa…). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

OLIGOGELINE™ PF
Chondrus Crispus Extract
Filmogen active extracted from red alga to protect and hydrate the skin and the hair. Sensorial active "Silicone Plant" with guaranteed effect up to 2% (in vivo study)

SENSANOV™ WR
C20-22 Alkyl Phosphate and C20-22 Alcohols
Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%). Provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Finally SENSANOV™ WR emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected in vivo by a water-resistant effect for the development of sun care formulations. SENSANOV™ WR reduces oiliness of extra rich emulsion. Ideal for makeup products, SENSANOV™ WR is able to emulsify a high percentage of fillers keeping a perfectly smooth texture.

SEPIMAX™ ZEN
Polyacrylate Crosspolymer-6
Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

SIMULGEL™ FL
Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60
Liquid easy and ready to use polymer. Stabilizes without thickening all types of oily phases in a range of pH from 3 to 12. Stabilizing capacity for fluid formulas.

Other raw materials…

- Cyclopentasiloxane: **DC 345 (DOW CORNING)**
- Colorant C.I. 60730: **Colorant Unicert Violet K7116-J à 0,1% (LCW SENSIENT)**
- Phenoxyethanol and Ethylhexylglycerin and Methylparaben and Ethylparaben: **Euxyl K350 (SCHÜLKE & MAYR)**
- Alcohol: Ethanol 95
- Fragrance: **Parfum Orchidée Tropicale (APF)**

AIR LIQUIDE Healthcare

www.seppic.com