

# WATER CARE FLUDITY & EMOLLIENCE


**Emulsion  
H/E**


- **Aspect:** slightly purple opaque fluid
- **Packaging:** Bottle
- **Water Care with a rich texture:** " oil-like " sensation.
- **SEPIMAX™ ZEN** is used as sole polymer to stabilize high concentration of glycols in a fluid gel to give a very emollient "oil-like" sensation.
- **The skin feel is completed by SENSANOV™ WR:** at only **0.5%**, this emulsifier decreases the stickiness of glycols and improves the finish by a mat & velvety sensation.
- **The presence of OLIGOGELINE™ PF** creates a moisturizing protective film which acts as a second skin.
- **AQUAXYL™** brings the hydrating power of this Water Care: it boosts the water circulation & reserves together with an improvement of the barrier effect.


**EU07341 - 1612**

## Formula

Formula		
A	Aqua/Water <b>SENSANOV™ WR</b> Triethanolamine 50%	Up to 100% <b>0.50%</b> 0.14%
B	Butylene Glycol Propylene Glycol <b>SEPIMAX™ ZEN</b> Cyclopentasiloxane	10.00% 10.00% <b>0.30%</b> 3.00%
C	<b>OLIGOGELINE™ PF</b> <b>AQUAXYL™</b> Alcohol Colorant	<b>1.00%</b> <b>3.00%</b> 3.00% 0.30%
D	Phenoxyethanol and Ethylhexylglycerin and Methylparaben and Ethylparaben Fragrance/ Parfum	0.60% 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	7.25
Viscosity 1M at RT	2 220 mPa.s Brookfield M2V6
Viscosity 1M at 45° C	2 225mPa.s Brookfield M2V6
Viscosity recovery at RT (after 1M at 45° C)	2 150 mPa.s Brookfield M2V6
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.

## Other raw materials...

### SCHÜLKE & MAYR

- Phenoxyethanol and Ethylhexylglycerin and Methylparaben and Ethylparaben: **Euxyl K350**

### OTHER SUPPLIERS

- Cyclopentasiloxane: **DC 345 (DOW CORNING)**
- Colorant C.I. 60730: **Colorant Unicert Violet K7116-J à 0,1% (LCW SENSIENT)**
- Alcohol: Ethanol 95
- Fragrance: **Parfum Orchidée Tropicale (APF)**