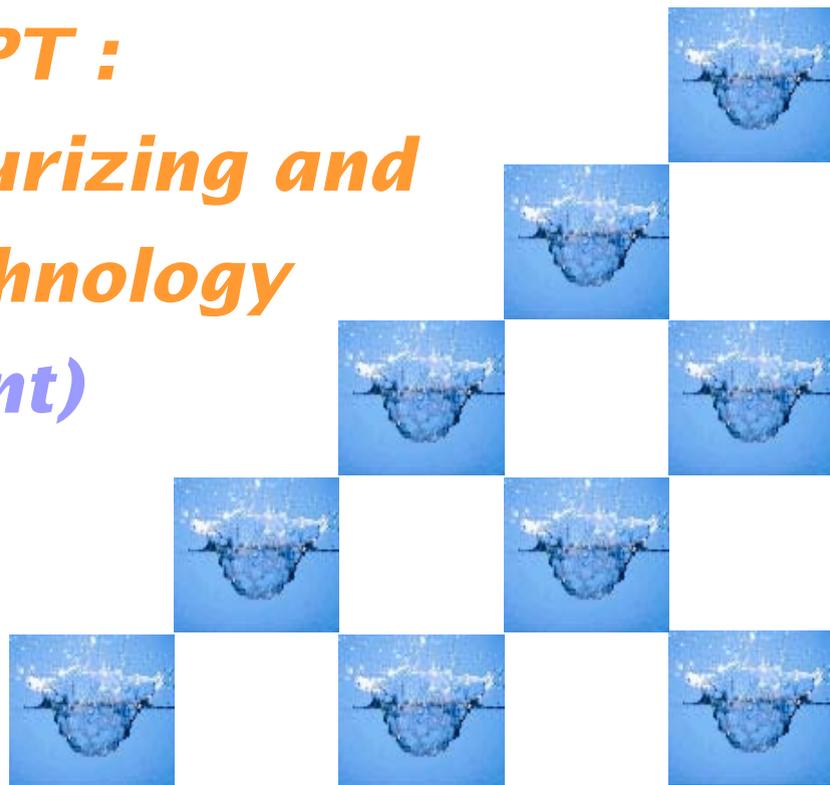




**AQUAXYL™**

***HYDRACONCEPT :***  
***An innovative « moisturizing and***  
***restructuring » technology***  
***(SEPPIC patent)***





## **1. HYDRACONCEPT**

## **2. AQUAXYL Structure**

## **3. Strong points « Advantages » or « Benefits »**

## **4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

## **5. AQUAXYL – Summary**

## **6. Tolerance**

## **7. Formulation Guidelines**

**2.2 Trans Epidermal Water Loss (TEWL)**

**2. Factors Influencing water loss**

**2.1 Ceramides = Intercellular cement => barrier function, impermeable & resistant skin**

**1. Factors Influencing water reserves**

**1.2 Epidermal water content**

**1.1 Dermal water reservoirs (macromolecules able to trap water, GAGs)**

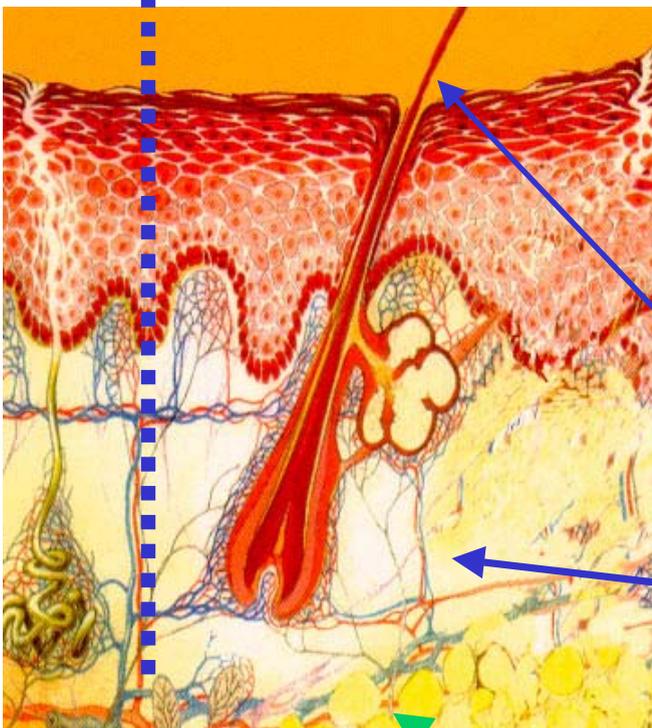
**Blood circulation**

**Water contribution (food)**

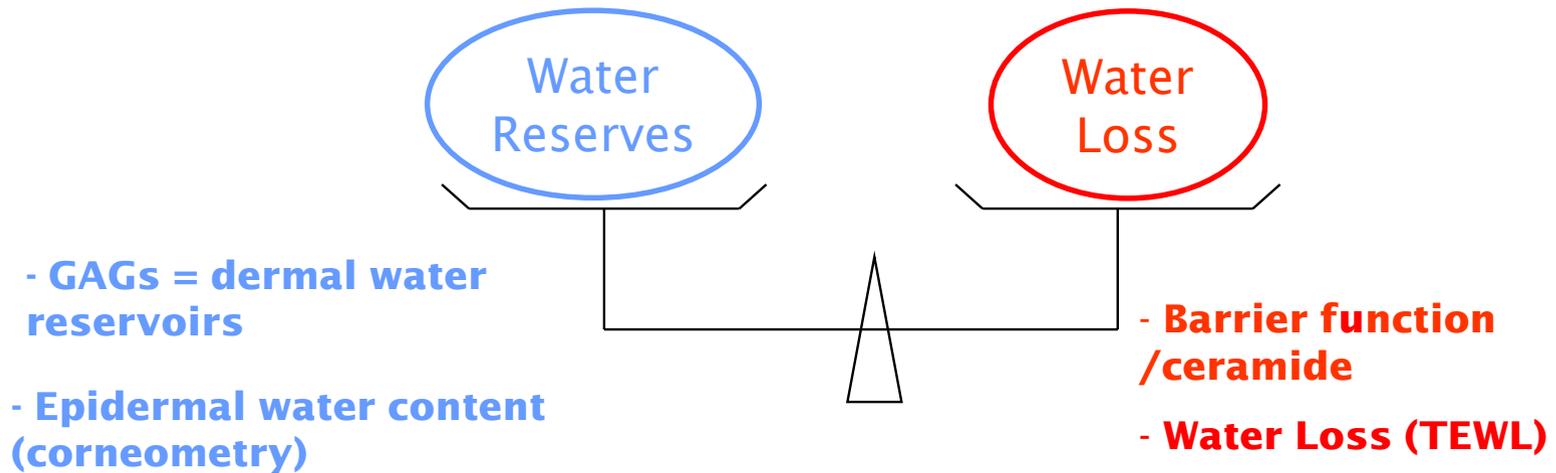
13% water

Hydration gradient

80% water



## The hydrous flow balance is essential for an optimum hydration state



**Dry and fragile skin**

**Moisturized and resistant skin**

↘ **Water Reserves**

↗ **Water loss**

Hydrous flow **imbalance**

(causes : environment, irritating products, aging)



Alteration of desquamation



Disorganization of skin microrelief

**Water Reserves**

**Water loss**

Hydrous flow **balance**



Normalization of desquamation



Reorganization of skin microrelief

**Harmonization of skin's hydrous flow**

**AQUAXYL**  
**Moisturizing and restructuring effect**

↗ **Water reserves :**

↗ Dermal GAGs (*in vitro*)

↗ Epidermal hydrous content : cornometry (*in vivo*)

↘ **Water loss :**

↗ Ceramides – Barrier function (*in vitro*)

↘ Trans Epidermal Water Loss – TEWL

( *in vivo* )

# Hydraconcept

**Thanks to a new harmonization of cutaneous hydrous flow, AQUAXYL moisturizes and restructures the skin**

**The skin is more resistant and better equipped to combat external aggressions**





## **1. HYDRACONCEPT**

## **2. AQUAXYL Structure**

## **3. Strong points**

## **4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

## **5. AQUAXYL – summary**

## **6. Tolerance**

## **7. Formulation Guidelines**



**SEPPIC « Expertise » (sugar chemistry) dedicated to the continuous improvement of hydration**



**Glucose and Xylitol association**

(Humectant & hygroscopic molecules, able to trap free water)



**Xylitylglucoside synthesis**

***(new structure – vegetable and natural origin )***

## Glucose

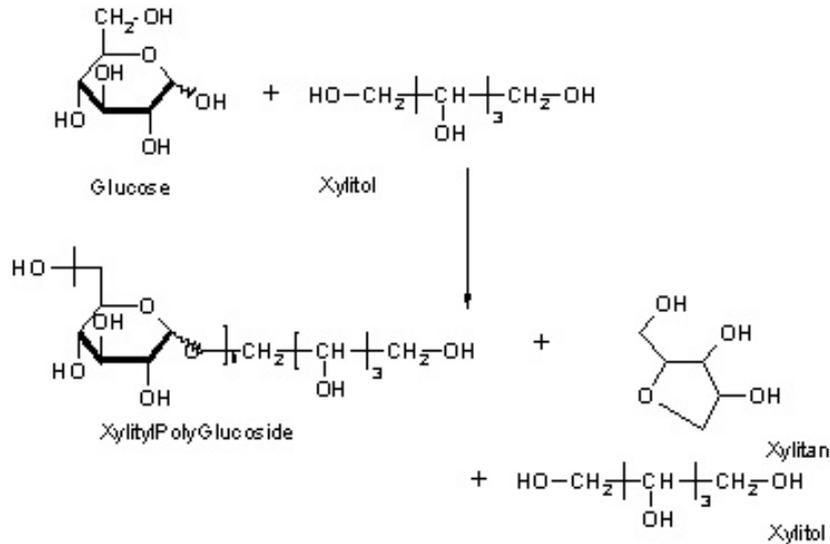
(vegetable origin, wheat )

## Xylitol

(vegetable origin, wood)

**Xylitylglucoside + anhydroxylitol + Xylitol**

### Reaction :



**INCI name : Xylitylglucoside and anhydroxylitol and xylitol**

## Analytical characteristics (specifications) :

<b>Analysis</b>	<b>Results &amp; Methods</b>	<b>Specifications Minimum - maximum</b>
<b>20°C appearance</b>	<b>S 52 180 B</b>	<b>LIMPIDE</b>
<b>5% pH</b>	<b>NFT 73 206</b>	<b>5,5 - 7,5</b>
<b>Color</b>	<b>S 52 150B</b>	<b>0,0 - 6,0 VCS</b>
<b>Water content</b>	<b>S 52 006 B</b>	<b>15 - 17%</b>
<b>Solid content / Hydroxyl value</b>	<b>S 52 080 A</b>	<b>1100 - 1300</b>
<b>Xylitol</b>	<b>S 52 317 A</b>	<b>3,0 - 20,0 %</b>
<b>Anhydroxylitol (xylitan)</b>	<b>S 52 317 A</b>	<b>20,0 - 35,0 %</b>
<b>Xylitylglucoside</b>	<b>S 52 317 A</b>	<b>40,0 - 77,0 %</b>
<b>Bacteriology</b>	<b>PH. EUR. 2.6.12 &amp; 2.6.13</b>	<b>CONFORME</b>

*The analytical specifications guaranteed are those mentioned on the analysis certificate supplied with each delivery.*



**1. HYDRACONCEPT**

**2. AQUAXYL Structure**

**3. Strong points**

**4. Harmonization of skin's hydrous flow - HYDRACONCEPT**

**5. AQUAXYL – summary**

**6. Tolerance**

**7. Formulation Guidelines**

1. **MULTIFUNCTIONAL moisturizing & restructuring agent from a natural and vegetable origin** (preservative free, allergen free, GMO free) / **New patented ingredient (new structure - ELINCS)**
2. **HYDRACONCEPT : innovative « moisturizing & restructuring » effect achieved by the harmonization of Skin's Hydrous Flow** – **Immediate and long term effect** (*in vitro* & *in vivo* proven efficacy)
- 3 - **Visible results at skin surface : normalisation of desquamation and improvment of skin microrelief**
4. **Excellent tolerance**
5. **Easy to use in cosmetic formulation (water soluble liquid)**
  - **Good incorporation in any type of galenic form (skin care & hygiene products)**
  - **Perfect stability**
  - **Allows the realization of white, colorless and odorless formula**



**1. HYDRACONCEPT**

**2. AQUAXYL Structure**

**3. Strong points**

**4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

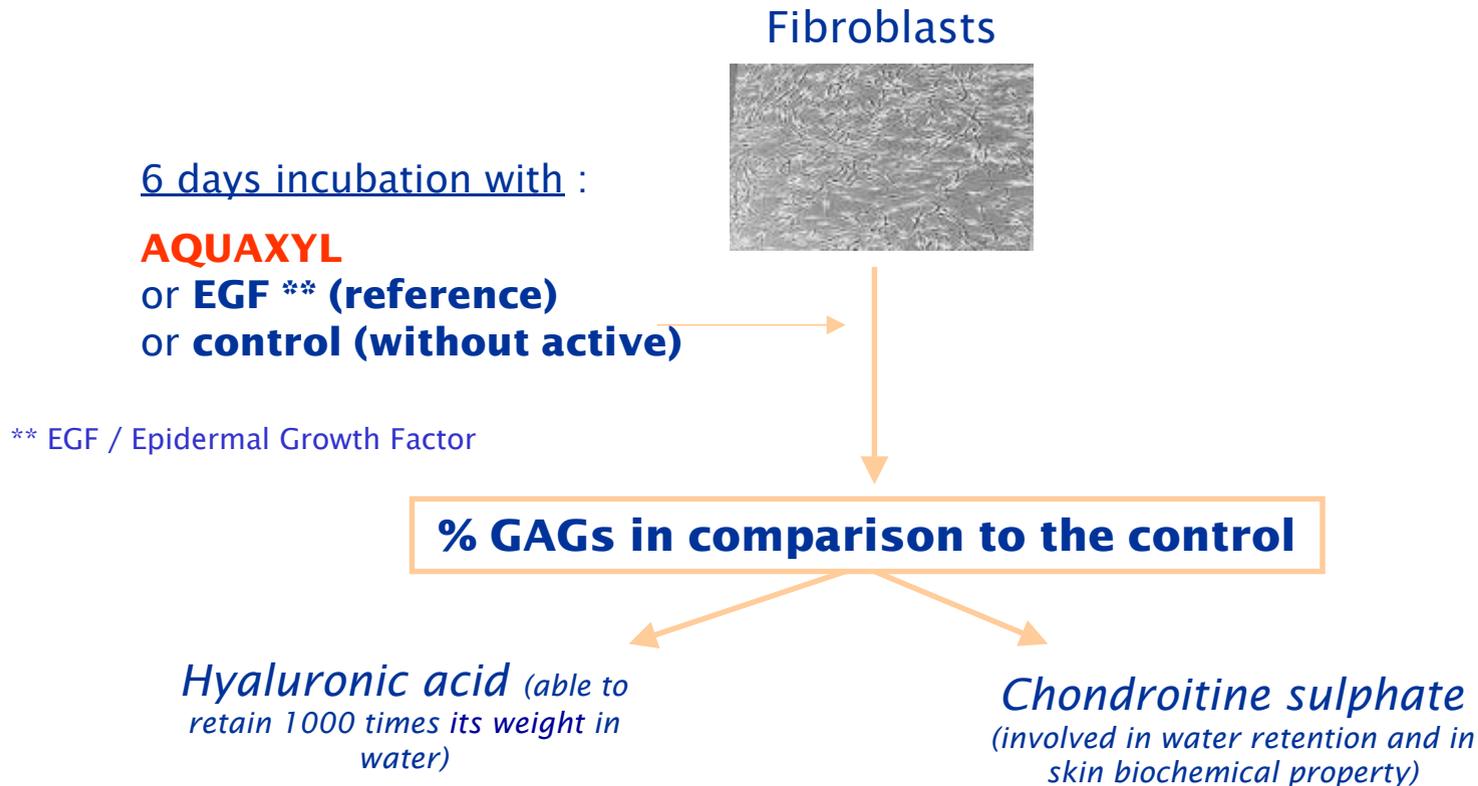
**5. AQUAXYL – summary**

**6. Tolerance**

**7. Formulation Guidelines**

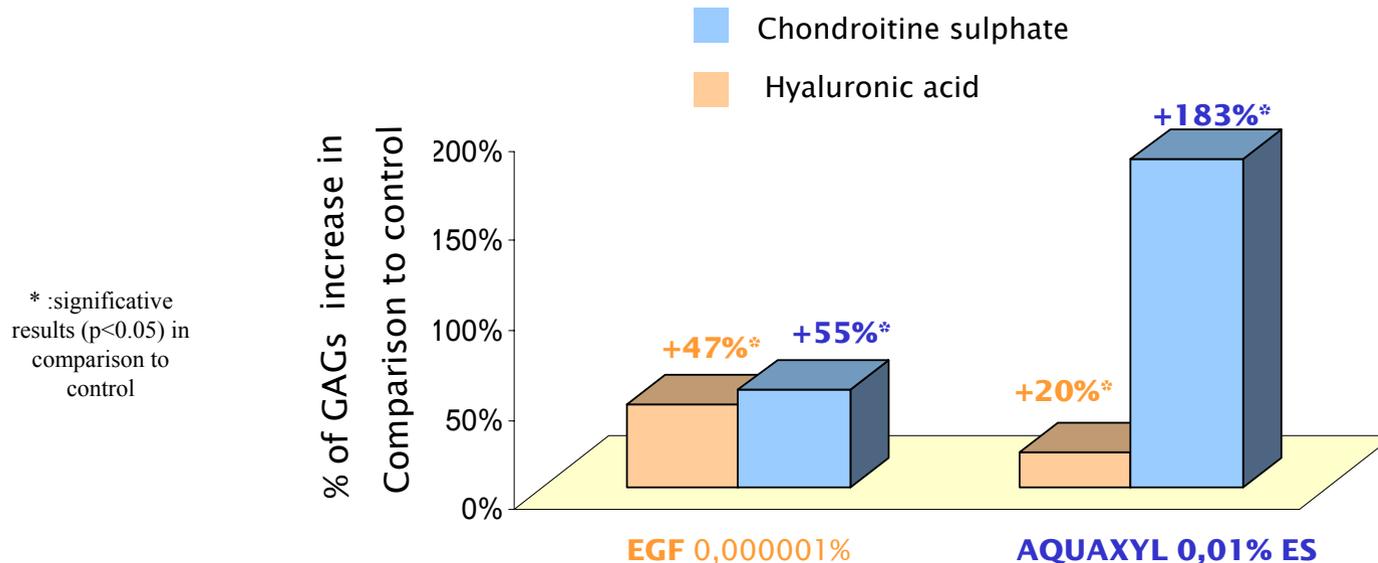
## 1. Optimization of water reserves !

### 1.1 Increase of dermal water reservoirs (GAGs = Glycosaminoglycans) - *In vitro*



## 1. Optimization of water reserves !

### 1.1 Increase of dermal water reservoirs (GAGs = Glycosaminoglycans) – *In vitro*



➔ **AQUAXYL increases GAGs content** (*Hyaluronic acid and chondroitine sulphate*)

***The trapped water is available within the skin***

### 1. Optimization of water reserves !

#### 1.3 Epidermis water content : corneometry (in vivo)



#### In vivo protocol :

- **AQUAXYL at 3%** (6925 formula)  
**versus placebo**

- **25 volunteers with dry skin**  
( $<55\text{CU}$ )

- **1 month of treatment**

- 2 applications per day

- Application area : **on Legs**

- **Evaluation at D0 (8 hours) , D15, and D30**

6925 Formula (Montanov base) :

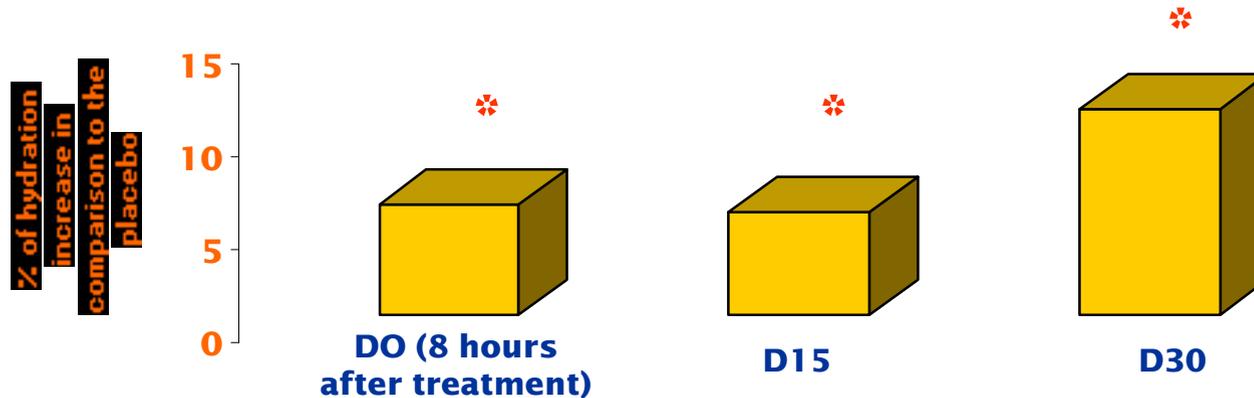
<b>A</b>	• <b>MONTANOV 68</b> (Cetearyl alcohol and Cetearyl glucoside - SEPPIC)	1.50 %
	• <b>MONTANOV 202</b> (Arachidyl alcohol and behenyl alcohol and arachidylglucoside - SEPPIC)	1.50 %
	• Cetearyl octanoate	15.00 %
<b>B</b>	• Aqua/Water	QSP 100%
<b>C</b>	• <b>SIMULGEL EG</b> (Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC)	1.00 %
	• <b>AQUAXYL</b> (Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC)	3.00 %
<b>D</b>	• Parfum/Fragrance	0.30 %
	• <b>SEPICIDE HB</b> (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC)	0.30 %
	• <b>SEPICIDE CI</b> (Imidazolidinyl urea - SEPPIC)	0.20 %

=> Electrical conductance measurement = hydration state of epidermis upper layers (corneometry)

## 1. Optimization of water reserves !

### 1.3 Epidermis water content : corneometry (in vivo)

(6925 Formula versus placebo)



\* : significant results (  $p < 0,05$  ) in comparison to placebo

**AQUAXYL significantly improves epidermis hydration vs placebo from the first day of treatment. This effect is confirmed after 15 days and one month.**

**=> Immediate and Long Term moisturizing effect**

## 2. Decrease of Water Loss

### 2.1 Barrier function improvement : increase of ceramide synthesis (intercellular cement) on human skin « tissues » (ex vivo) – immediate effect (D1)

Tested formula

Topical application of actives formulated at 3% in cream gel (AQUAXYL or GLYCERIN Vs placebo)

Lanol 99 (isononyl isononanoate) : 5%

Sepigel 305 (polyacrylamide, C13-14 isoparaffin, Laureth 7) : 2%

Preservative : 0,5%

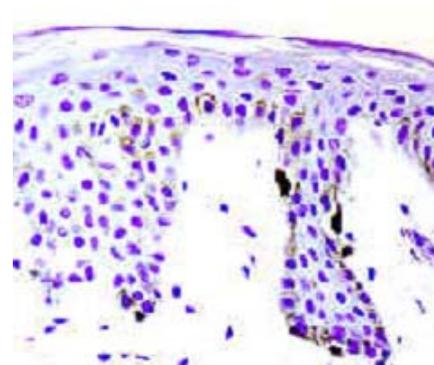
**Active ingredient : 3%**

pH around 6

Entire Human skin tissue

**Epidermis ceramide level**

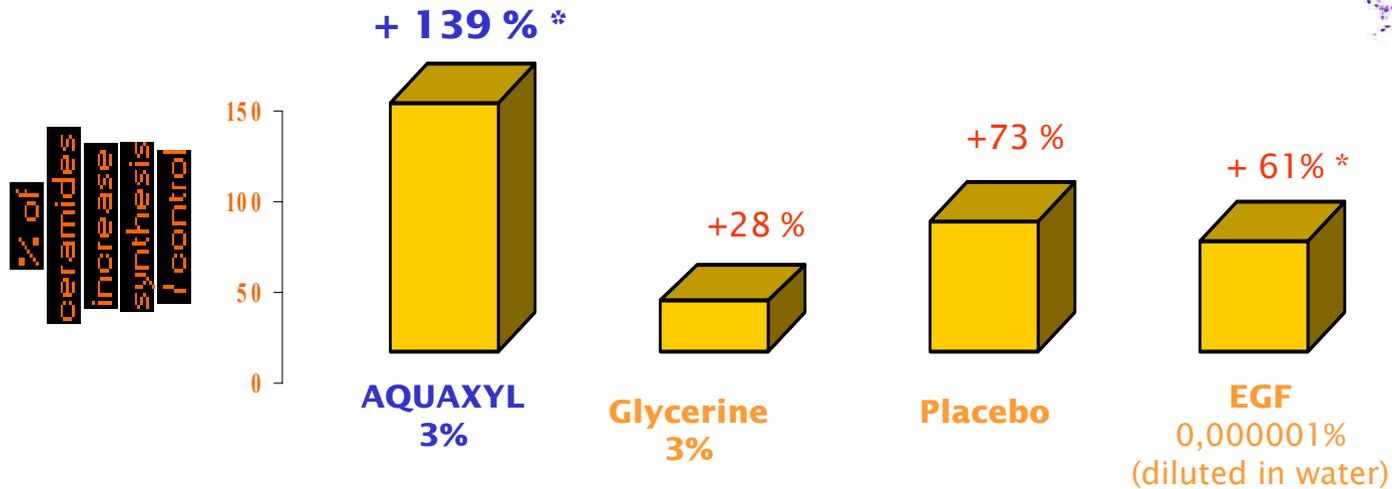
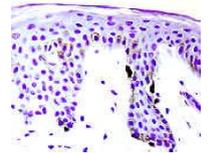
*(Thin Layer Chromatography)*



Human skin tissue

## 2. Decrease of Water Loss

### 2.1 Barrier function improvement : increase of ceramide synthesis (intercellular cement) on human skin « tissues » (ex vivo)



\* : significative results (  $p < 0,05$  ) in comparison to control

➔ **AQUAXYL significantly stimulates ceramide synthesis (better efficacy than glycerin)**

**The Barrier function is improved.**

## 2. Decrease of Water Loss

### 2.2 Trans Epidermal Water Loss decrease (TEWL) – in vivo



#### in vivo protocol :

- **AQUAXYL at 3%** (6925 formula) **Vs placebo**
- **25 volunteers with dry skin** (<55CU)
- **1 month of treatment**
- 2 applications per day
- Application area : **on Legs**
- **Evaluation at D0 (8 hours), D15 and D30**

#### 6925 formula (Montanov base :

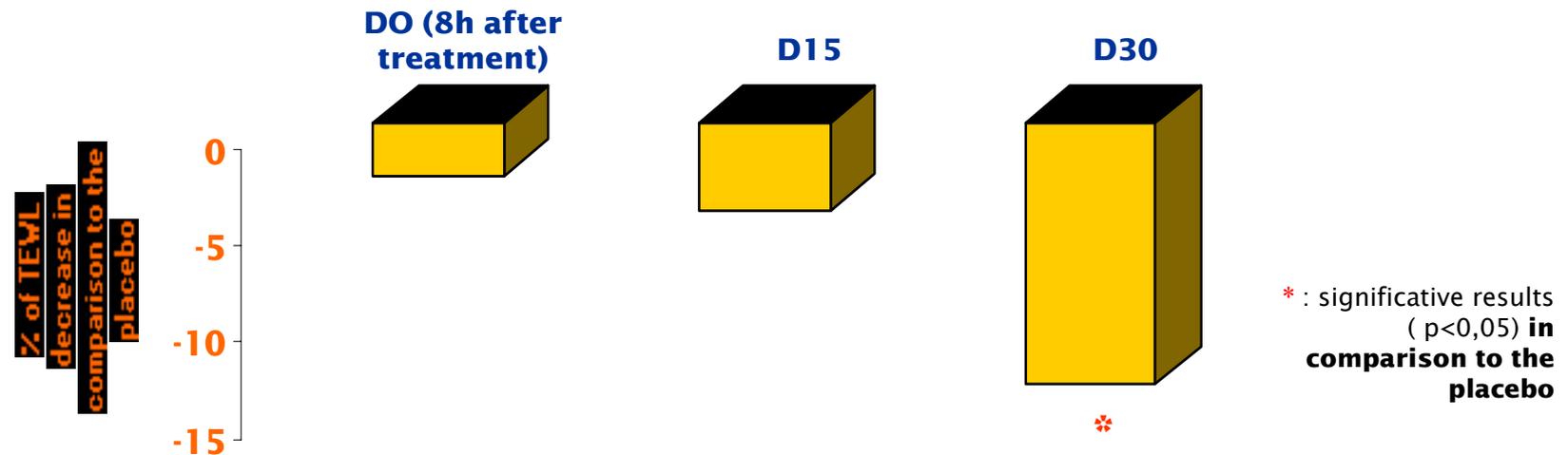
<b>A</b>	• <b>MONTANOV 68</b> (Cetearyl alcohol and Cetearyl glucoside - SEPPIC)	1.50 %
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	• Cetearyl octanoate	15.00 %
<b>B</b>	Aqua/Water	QSP 100%
<b>C</b>	• <b>SIMULGEL EG</b> (Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC)	1.00 %
<b>D</b>	• <b>AQUAXYL</b> (Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC)	3.00 %
	• Parfum/Fragrance	0.30 %
	• <b>SEPICIDE HB</b> (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC)	0.30 %
	• <b>SEPICIDE CI</b> (Imidazolidinyl urea - SEPPIC)	0.20 %

=> **Measurement of Trans Epidermal Water Loss (TEWL)**  
(evaporimeter)

## 2. Decrease of Water Loss

### 2.2 Trans Epidermal Water Loss decrease (TEWL) – in vivo

(6925 formula versus placebo)



**AQUAXYL decreases significantly Skin Water Loss versus placebo after one month of treatment**

**Skin is stronger and more resistant**

### 3. Visual improvement of skin surface

=> Desquamation normalization and skin microrelief smoothing

#### In vivo protocol :

- **AQUAXYL at 3%** (6925 formula)  
versus placebo

- **25 volunteers - dry skin** (<55CU)

- **1 month of treatment**

- 2 applications per day

- Application area : **on Legs**

- **Evaluation at D0 (at 8 hours) and D15 an D30**

6925 formula (Montanov base) :

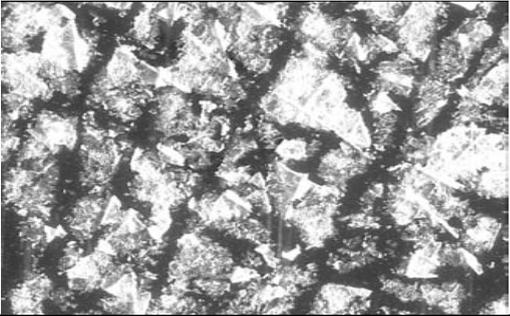
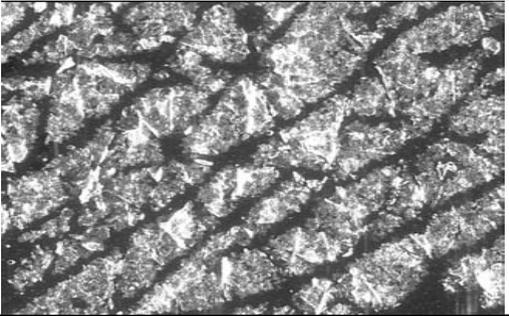
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<b>C</b>	• <b>SIMULGEL EG</b> (Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC)	1.00 %
	• <b>AQUAXYL</b> (Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC)	3.00 %
<b>D</b>	• Parfum/Fragrance	0.30 %
	• <b>SEPICIDE HB</b> (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC)	0.30 %
	• <b>SEPICIDE CI</b> (Imidazolidinyl urea - SEPPIC)	0.20 %

**5.1. Desquamation => removal of corneocytes at D30**  
(D squama)

**5.2. Microrelief => Direct skin prints at D30 – Evaluation of skin network**

### 3. Visual improvement of skin surface (in vivo)

#### 3.1 Desquamation normalization and skin microrelief smoothing

<i>Corneocytes removal (D squames) at D30</i>	
<b>1 month treatment with placebo</b>	<b>1 month treatment with placebo + 3% AQUAXYL (6925 formula)</b>
	
<p><b>+ 25% improvement of desquamation with 3% AQUAXYL compared to the placebo (visual score)</b></p>	

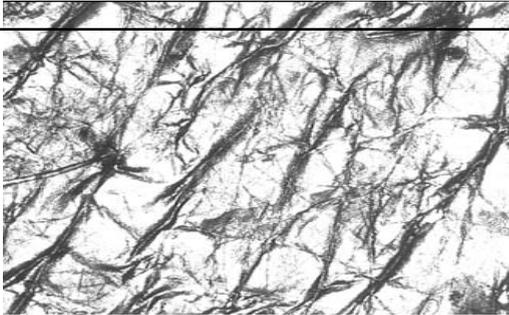
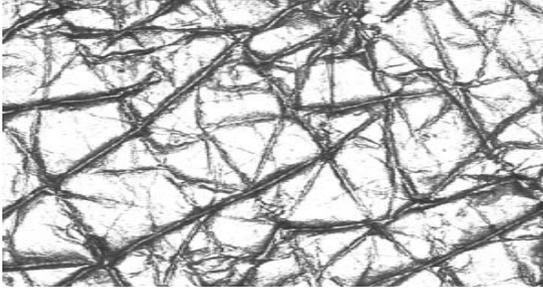
*From the first month of treatment, AQUAXYL normalizes the desquamation*

**The skin is visibly moisturized**

### 3. Visual improvement of skin surface (in vivo)

**3.2 Skin microrelief smoothing** => direct print with cyanoacrylate



<i>Skin prints at D30</i>	
<b>1 month treatment with placebo</b>	<b>1 month treatment with placebo + 3% AQUAXYL (6925 formula)</b>
	
<b>+ 30% of skin microrelief improvement with 3% AQUAXYL in comparison to the placebo</b>	

*From the first month of treatment, AQUAXYL reorganizes the skin microrelief . The barrier function is reinforced.*

**The skin is smoothed, visibly restructured**



**1. HYDRACONCEPT**

**2. AQUAXYL Structure**

**3. Strong points**

**4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

**5. AQUAXYL – summary**

**6. Tolerance**

**7. Formulation Guidelines**

**1. Increase of WATER RESERVES**

**1.2 increase of Epidermal Water Content** (↑ of electrical conductance - *in vivo*)

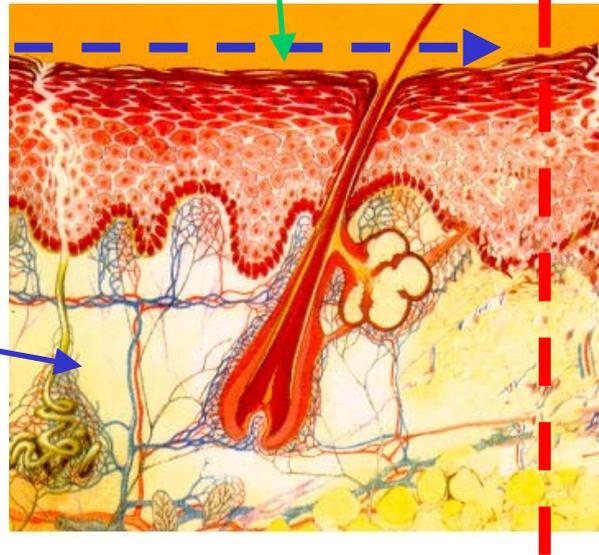
**1.1 Increase of Dermal Water Reservoirs** (↑GAGs - *in vitro*)

**3. Visual improvement of skin surface** (normalization of desquamation & smoothing of microrelief - *in vivo*)

**2. Decrease of WATER LOSS**

**2.1 Improvement of barrier function :** (↑ceramide synthesis - *ex vivo*)

**2.2 Decrease of Trans Epidermal Water Loss** (↓TEWL- *in vivo*)



**A new strategy for an ideally moisturized and restructured skin**



**1. HYDRACONCEPT**

**2. AQUAXYL Structure**

**3. Strong points**

**4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

**5. AQUAXYL – summary**

**6. Tolerance**

**7. Formulation Guidelines**

➔ **Excellent tolerance of AQUAXYL :**

- . **Well tolerated in 48H patch test** (caucasian skins)
- . **Well tolerated in use test** during one month (in vivo test – 2 applications per day)
- . **Non sensitizing** (10% - Marzulli Maibach)
- . **Non mutagenic** (Ames)
- . **Good eyes tolerance** (Het Cam)

**Suggested dosage level : 3 to 5% in  
cosmetics formula**



**1. HYDRACONCEPT**

**2. AQUAXYL Structure**

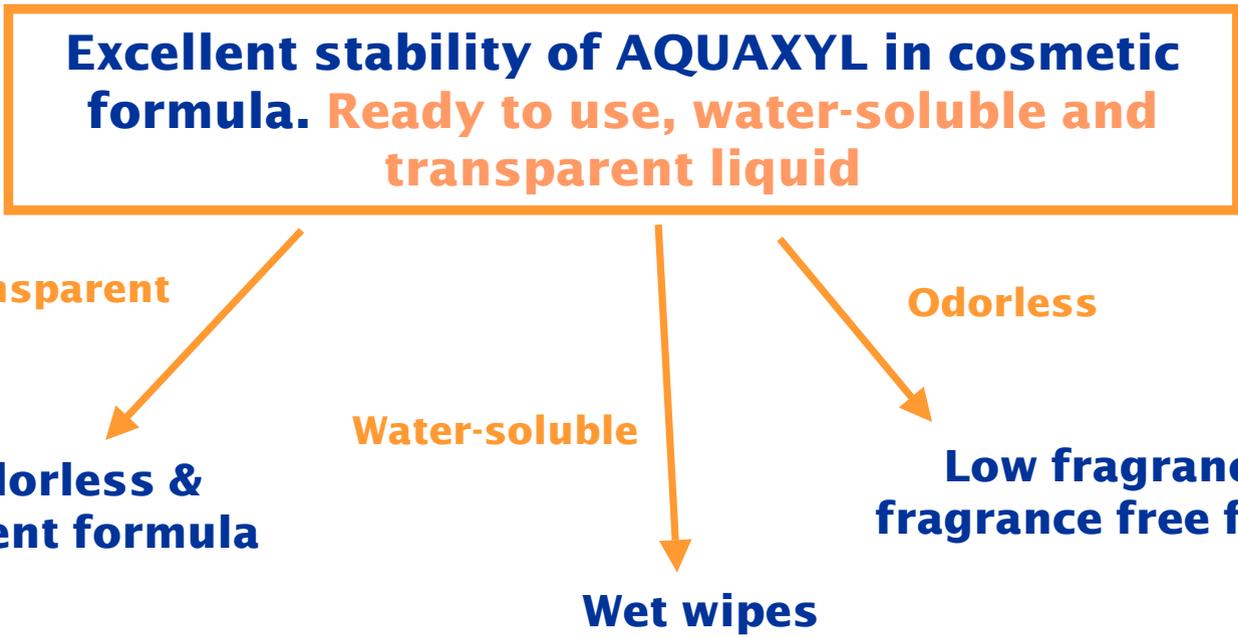
**3. Strong points**

**4. Harmonization of Skin's Hydrous Flow - HYDRACONCEPT**

**5. AQUAXYL – summary**

**6. Tolerance**

**7. Formulation Guidelines**



*No color or odor changes with temperature over time. AQUAXYL can be incorporated at each state of formulation process.*

**Perfect compability with water, alcohol and glycols**



**Easy to prepare any type of formula including transparent lotions and also wet wipes**

**No incompatibility known in formulation**



# AQUAXYL Formulation Guidelines

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➔ **AQUAXYL can be easily incorporated between 3 and 5% in all kinds of formulations for MOISTURIZING and RESTRUCTURING benefits.**



# Moisturizing and tonifying comfort cream gel 6811A

<b>A</b>	• Water	QSP 100%
	• <b>MICROPEARL M305</b> ( <i>Methylmethacrylate crosspolymer - SEPPIC</i> )	01.00 %
	• <b>SEPITONIC M3</b> ( <i>Magnesium aspartate &amp; Zinc gluconate &amp; Copper gluconate - SEPPIC</i> )	01.00 %
	• <b>AQUAXYL</b> ( <i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i> )	03.00 %
<b>B</b>	• Isononyl isononanoate	05.00 %
	• Cyclomethicone	02.50 %
	• <b>SIMULGEL EG</b> ( <i>Sodium acrylate/acryloyldimethyl taurate copolymer &amp; Isohexadecane &amp; Polysorbate 80 -SEPPIC</i> )	03.00 %
<b>C</b>	• Fragrance	00.10 %
	• <b>SEPICIDE HB</b> ( <i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i> )	00.30 %
	• <b>SEPICIDE CI</b> ( <i>Imidazolidinyl urea - SEPPIC</i> )	00.20 %

## Procedure

Disperse SIMULGEL EG in oils. Mix ingredients in A. Introduce B into A with a dispersing turbin. Add fragrance and preservatives in the swollen gel.

## Characteristics

Appearance	White shiny gel
pH	6.2
Viscosity	55,000 mPas BROOKFIELD LV4 6rpm
Stability	Stable at RT/40°C/50°C and after freeze-thaw cycles -
5/+40°C	Stable when centrifuged 50°C 20' 3000rpm



# Body wash « Moisturizing mist » 6858A

<b>A</b>	<ul style="list-style-type: none"><li>• Fragrance</li><li>• <b>MONTALINE C40</b> (<i>Cocamidopropyl betainamide MEA chloride - SEPPIC</i>)</li><li>• <b>PROTEOL OAT</b> (<i>Sodium lauroyl oat aminoacids - SEPPIC</i>)</li><li>• Methylchloroisothiazolinone &amp; Methylisothiazolinone</li></ul>	1.00 % 8.00 % 5.00 % 0.08 %
<b>B</b>	<ul style="list-style-type: none"><li>• Sodium lauryl sulfate</li><li>• <b>AQUAXYL</b> (<i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i>)</li><li>• Water</li></ul>	9.00 % 3.00 % QS 100 %
<b>C</b>	<ul style="list-style-type: none"><li>• Lactic acid</li><li>• Colour</li></ul>	QS Ph=6.5 QS

## Procedure

Solubilize the fragrance in the surfactant blend (OAT + C40) and introduce the preservative. Disperse the lauryl sulfate into the water, when clear add AQUAXYL then A. Adjust pH and colour. Final viscosity can be easily regulated by adding MONTALINE C40 .

## Characteristics

Appearance	Clear gel with a light green colour
pH	approx. 6.5
Viscosity	approx 10,000 mPa.s BROOKFIELD LV 6rpm
Stability	Stable at room temp/40°C/+4°C



# « Force and Hydration » Skin care 6925

<b>A</b>	• <b>MONTANOV 68</b> ( <i>Cetearyl alcohol and Cetearyl glucoside - SEPPIC</i> )	1.50 %
	• <b>MONTANOV 202</b> ( <i>Arachidyl alcohol and behenyl alcohol and arachidylglucoside - SEPPIC</i> )	1.50 %
	• Cetearyl octanoate	15.00 %
<b>B</b>	• Aqua/Water	QSP 100%
<b>C</b>	• <b>SIMULGEL EG</b> ( <i>Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC</i> )	1.00 %
<b>D</b>	• <b>AQUAXYL</b> ( <i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i> )	3.00 %
	• Parfum/Fragrance	0.30 %
	• <b>SEPICIDE HB</b> ( <i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i> )	0.30 %
	• <b>SEPICIDE CI</b> ( <i>Imidazolidinyl urea - SEPPIC</i> )	0.20 %

## Procedure

Heat the fatty phase to 80°C. Add the fatty phase to the aqueous phase and start the homogenisation. Then, after few minutes, add the SIMULGEL EG. After 7' (DUMEK, 2kg batch pilot), stop heating and homogenizing and start the cooling step under moderate stirring. Around 40°C add ingredients of the D phase .

## Characteristics

Aspect	White cream
pH	6.5
Viscosity	30,000 mPa.s BROOKFIELD RV S4 6rpm
Stability	stable at RT-40°C-50°



# Nourishing hand cream for Damaged skin 6934

<b>A</b>	<ul style="list-style-type: none"><li>• <b>MONTANOV L</b> (<i>C14-22 alcohol and C12-20 alkylglucoside - SEPPIC</i>)</li><li>• <b>MONTANOV 14</b> (<i>Myristyl alcohol/Myristyl glucoside - SEPPIC</i>)</li><li>• LANOL P (<i>Glycol palmitate - SEPPIC</i>)</li><li>• Pentaerythrityl tetraisostearate</li><li>• Dimethicone</li></ul>	1.00 % 1.00 % 3.00 % 5.00 % 7.00 %
<b>B</b>	<ul style="list-style-type: none"><li>• <b>SIMULGEL EG</b> (<i>Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC</i>)</li></ul>	0.80 %
<b>C</b>	<ul style="list-style-type: none"><li>• Aqua / Water</li></ul>	Qsp 100%
<b>D</b>	<ul style="list-style-type: none"><li>• <b>AQUAXYL</b> (<i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i>)</li><li>• Parfum / Fragrance</li><li>• C hlorphenesin</li><li>• <b>SEPICIDE HB</b> (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i>)</li></ul>	5.00 % 0.20 % 0.30 % 1.00 %

## Procedure

Heat the fatty phase to 80°C. Add the fatty phase to the aqueous phase and start the homogenisation. Then, after few minutes, add the SIMULGEL EG. After 7' (DUMEK, 2kg batch pilot), stop heating and homogenizing and start the cooling step under moderate stirring. Around 40°C add ingredients of the D phase .

## Caractéristiques

Aspect	White cream
pH	6
Viscosité	60,000 mPa.s BROOKFIELD RV S4 6rpm
Stabilité	able at RT-40°C-50°C



# Moisturizing mist 6940

<b>A</b>	• Parfum / Fragrance	0.05 %
	• <b>MONTANOX 20</b> ( <i>Polysorbate 60 - SEPPIC</i> )	1.00 %
	• <b>SEPICIDE HB</b> ( <i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i> )	0.30 %
<b>B</b>	• Aqua/Water	QSP 100 %
	• <b>SEPICIDE CI</b> ( <i>Imidazolidinyl urea - SEPPIC</i> )	0.20 %
<b>C</b>	• <b>SEPITONIC M3</b> ( <i>Magnesium aspartate &amp; Zinc gluconate &amp; Copper gluconate - SEPPIC</i> )	1.00 %
	• <b>AQUAXYL</b> ( <i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i> )	3.00 %

## Procedure

Solubilize the fragrance and SEPICIDE HB in the MONTANOX 20. Then, and introduce the B phase then the C phase.

## Characteristics

Appearance	Clear and colorless liquid
pH	approx. 5.5
Viscosity	<50 mPa.s BROOKFIELD LV 6rpm
Stability	Stable at room temp/40°C/+4°C



# Restructuring and moisturizing anti aging program - 6941

<b>A</b>	<ul style="list-style-type: none"><li>• <b>MONTANOV 202</b> (<i>Arachidyl alcohol and behenyl alcohol and arachidylglucoside - SEPPIC</i>)</li><li>• <b>MONTANOV 14</b> (<i>Myristyl alcohol/Myristyl glucoside - SEPPIC</i>)</li><li>• Isostearyl isostearate</li><li>• Pentaerythrityl tetraisostearate</li><li>• Phytosqualane</li><li>• <b>BR FOREST</b> (<i>Astrocaryum Murumuru Butter - SEPPIC</i>)</li><li>• <b>SEPIIFT DPHP</b> (<i>Dipalmitoyl Hydroxyproline - SEPPIC</i>)</li></ul>	3.50 % 1.50 % 2.00 % 3.00 % 8.00 % 0.20 % 1.00 %
<b>B</b>	<ul style="list-style-type: none"><li>• <b>SIMULGEL EG</b> (<i>Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC</i>)</li></ul>	0.20 %
<b>C</b>	<ul style="list-style-type: none"><li>• Aqua / Water</li></ul>	Qsp 100%
<b>D</b>	<ul style="list-style-type: none"><li>• <b>AQUAXYL</b> (<i>Xylitylglucoside and anhydroxylitol and xylitol- SEPPIC</i>)</li><li>• <b>SILASOMA MEA</b> (<i>Polysislicone -14 / Ethylhexylmethoxycinnamate / Butylmethoxydibenzoylmethane / Water / Butylene glycol / Phenoxyethanol- SEPPIC</i>)</li><li>• Parfum / Fragrance</li><li>• Chlorphenesin</li><li>• <b>SEPICIDE HB</b> (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i>)</li></ul>	3.00 % 8.00 % 0.10 % 0.30 % 1.00 %

## Procedure

Heat the fatty phase to 80°C. Add the fatty phase to the aqueous phase and start the homogenisation. Then, after few minutes, add the SIMULGEL EG. After 7' (DUMEK, 2kg batch pilot), stop heating and homogenizing and start the cooling step under moderate stirring. Around 40°C add ingredients of the D phase .

## Characteristics

Appearance	White cream
pH	5.5
Viscosity	23,000 mPa.s BROOKFIELD RV S4 6rpm
Stability	stable at RT-40°C-50°C



**Nota**

The analytical specifications warranted are only those mentioned on the certificate of analysis supplied with each delivery of the product.

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