

SEPPIC

wesource

ACTIVE SCIENCE TO EMPOWER BEAUTY

AQUAXYL™

A reference for HYDRO'Addicts!

The skin is restructured & smoothed!

AQUAXYL™

Characteristics



INCI name: **Xylitylglucoside - Anhydroxylitol - Xylitol**



Use level: **1-3%**

Solubility: **Water soluble**

Description: **Opalescent to limpid appearance**

Preservatives: **none**

Claims: **Moisturizing - NMF, ceramides, hyaluronic acid & aquaporines booster - Water reserves & circulation - Glycerin enhancer**

Approval:



CHINA
COMPLIANT*

Approved by
ECOCERT
RAW MATERIAL
COSMETICS

Approved by
ECOCERT
RAW MATERIAL
COSMOS APPROVED*

NATRUE
APPROVED

China Compliant: all INCI names are listed on the IECIC list of December 2015 - **ECOCERT Cosmetics:** raw material approved by ECOCERT GREENLIFE, in conformity with Ecocert natural and organic cosmetic standard - **COSMOS Approved:** raw material approved by ECOCERT GREENLIFE, in conformity with Cosmos standard - **Natrue Approved:** raw materials certified according to Natrue standard

AQUAXYL™

A reference for HYDRO'Addicts!



ARE YOU **HYDRO'**ADDICT?

A **dehydrated skin** is dull, rough, flaky with **micro-crakings**. It tugs, stings or itches to express its distress!

The **balance between the 3 key mechanisms of natural hydration has been disrupted** by one of the many contributing factors: environmental conditions, age, genetics...

The 3 key mechanisms of moisturization:

- 1/ **Retain water within the skin**
with a strong barrier function
- 2/ **Soak the skin**
with hygroscopic molecules
- 3/ **Homogenize skin moisturization**
by improving water circulation



AQUAXYL™

A reference for HYDRO'Addicts!



AQUAXYL™: A REFERENCE

AQUAXYL™ is a **universal & complete solution** made up of a **patented complex of natural sugars**. It helps dehydrated skin by acting on the 3 key mechanisms of natural hydration.

AQUAXYL™

- **Reinforces the barrier function**
by stimulating **ceramides** synthesis and more!
- **Optimizes water reserves**
by boosting **NMF** and **hyaluronic acid**
- **Maximizes water circulation**
within the epidermis with its action on **aquaporines** and **tight junctions**



AQUAXYL™

in vivo proven moisturizing power

AQUAXYL™: Short & Long-term moisturization

AQUAXYL™+Glycerin: A winning combination!

AQUAXYL™+Montanov™ L: Intense hydration after 1 application

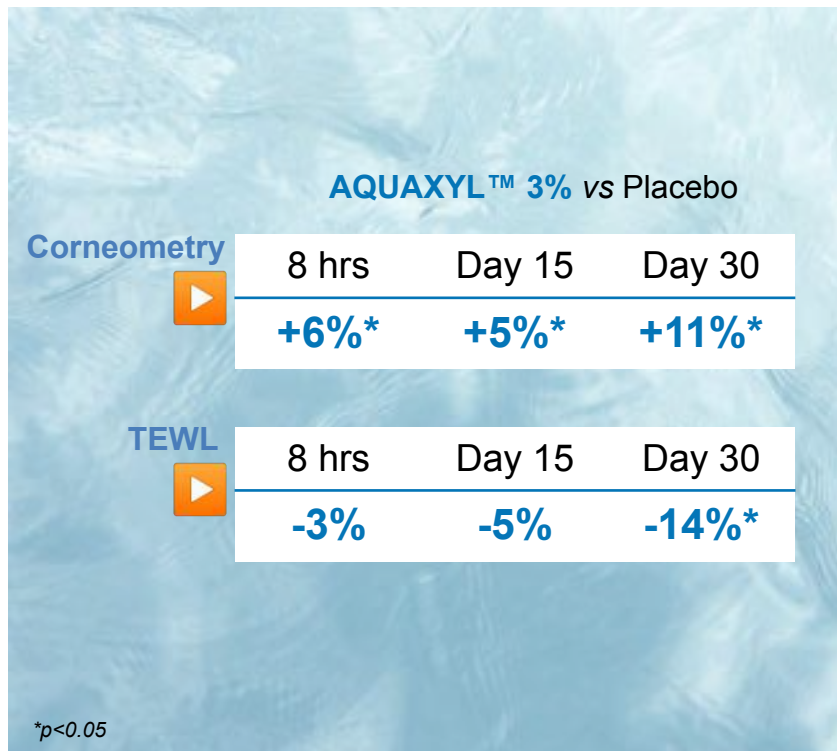
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AQUAXYL™

Short & Long-term moisturization



FROM 8H TO 30 DAYS OF MOISTURIZATION & RESTRUCTURING ACTION



IN VIVO test protocol

- **EU06925 with 3% AQUAXYL™ vs. Placebo**
- Corneometry - Corneometer® CM 820
TransEpidermal Water Loss (TEWL) - Tewameter® TM 210
- 25 volunteers with dry skin (<55 AU)
- 2 daily applications on the legs
(one leg with Placebo, the other with AQUAXYL™)
- During the winter (mid-December/mid-January)

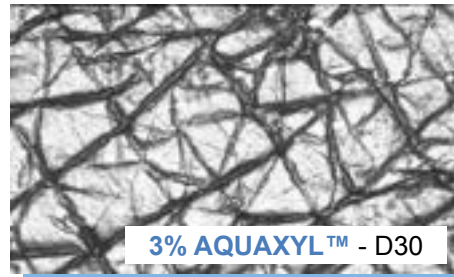
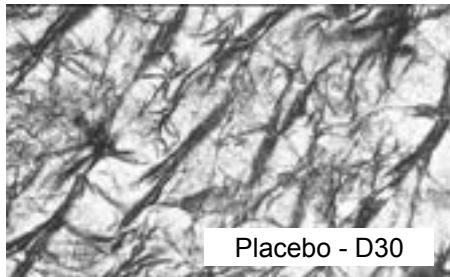
Short-term & long-term hydration.
AQUAXYL™ significantly moisturizes
& restructures the skin vs. Placebo
from 8H to 30 days.

↳ See the formula

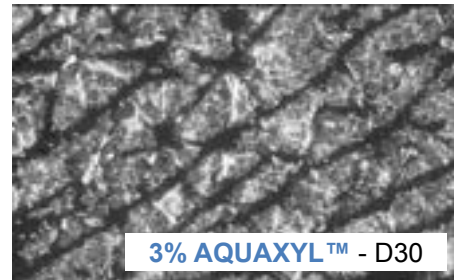
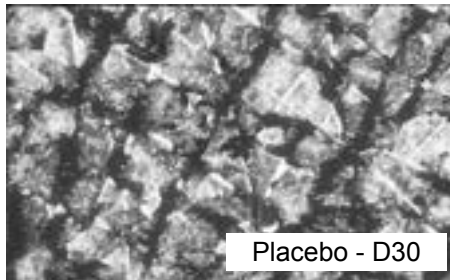
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VISIBLE EFFECT: IMPROVEMENT OF MICRO-RELIEF & DESQUAMATION

MICRORELIEF



DESQUAMATION



IN VIVO test protocol

- **EU06925 with 3% AQUAXYL™ vs. Placebo**
- Evaluation of microdepression network & desquamation - D-Squame, scoring /12
- 25 volunteers with dry skin (<55 AU)
- 2 daily applications on the legs (one leg with Placebo, the other with AQUAXYL™)
- During the winter (mid-December/mid-January)

The skin is restructured after one month of application:

- **Microrelief** improvement: +30% vs. Placebo
- **Desquamation** improvement: +25% vs. Placebo

↳ See the formula

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AQUAXYL™ + Glycerin

A winning combination!



GLYCERIN

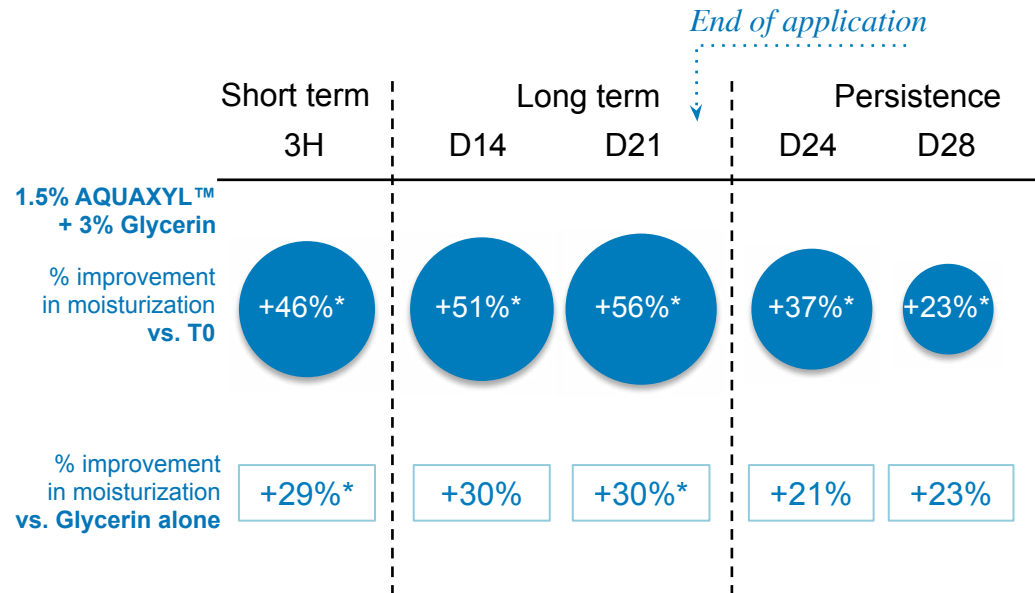
- Discovered in the 19th century, glycerin is a **traditional cosmetic ingredient**
- Widely used in cosmetics with more than 40% of moisturizing formulas
- **Easy to formulate**
- Maintains the moisture level of formulas
- Can create an **off-putting sticky feel** that should be controlled through a careful mix of excipients in the formula
- **Good moisturizer for instant but short-lived action**
- For a long-lasting effect, it **has to be combined with an active ingredient that will durably hydrate the skin**

AQUAXYL™ + Glycerin

A winning combination!



INCREASING GLYCERIN MOISTURIZING EFFICACY



*p<0.05

IN VIVO test protocol

- **EU07333 with (1.5% AQUAXYL™ + 3% Glycerin) vs. (Glycerin alone)**
- Corneometry - Corneometer® CM 825
- 25 volunteers with very dry skin (<30 AU)
- 2 daily applications on the legs for 21 days
- monitoring for 28 days

1.5% AQUAXYL™ + 3% Glycerin:

- **Short & Long-term moisturization:** +30%* more moisturization than Glycerin alone
- **Persistence:** 7 days after the end of application

↳ See the formula

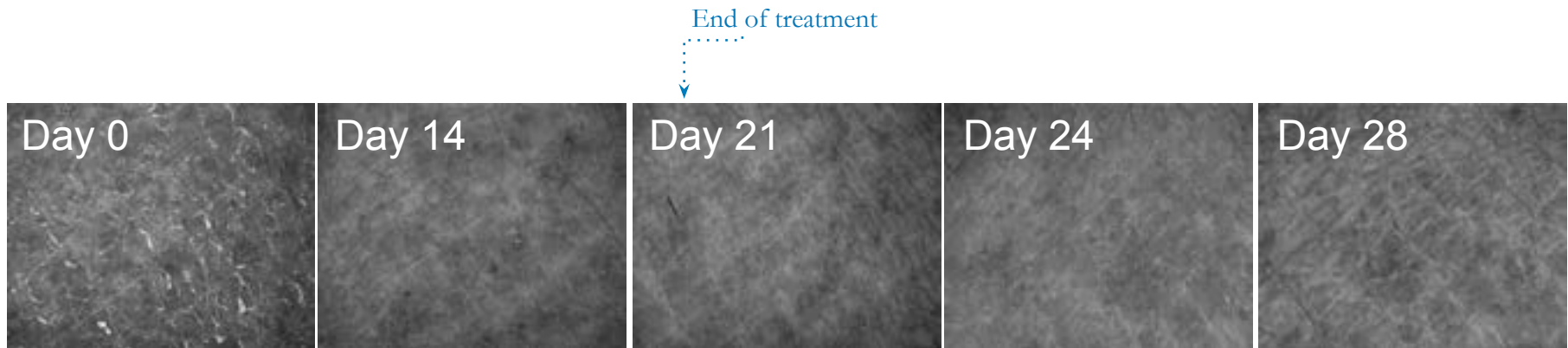
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AQUAXYL™ + Glycerin

A winning combination!



THE SKIN IS RESTRUCTURED, SMOOTHER & SOFTER



AQUAXYL™ (1.5%)
+ Glycerin (3%)

1.5% AQUAXYL™ + 3% Glycerin
restructures the **cutaneous micro-relief** and regulates **desquamation**

↳ See the formula

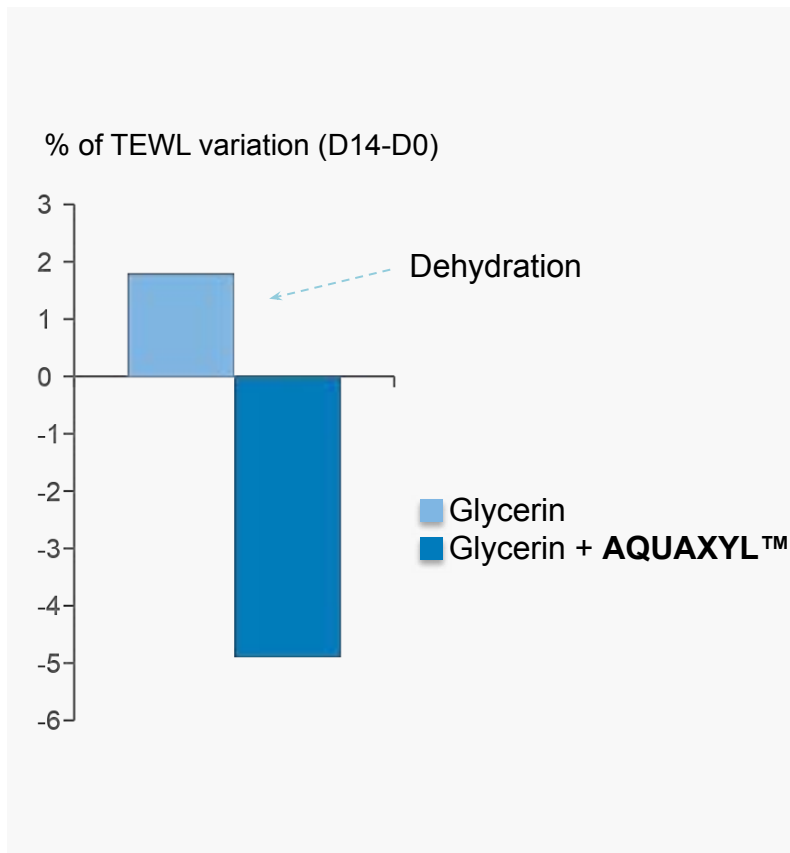
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AQUAXYL™ + Glycerin

A winning combination!



PROTECTION OF SKIN BARRIER FUNCTION



IN VIVO test protocol

- **EU07333 with (1.5% AQUAXYL™ + 3% Glycerin) vs. (Glycerin alone)**
- TEWL - Vaporimeter Delfin™ SWL4436
- 25 volunteers with very dry skin (<30 AU)
- 2 daily applications on the legs for 14 days

AQUAXYL™ prevents from the negative effect of Glycerin

↳ See the formula

WESOURCE by SEPPIC

AQUAXYL™ + MONTANOV™ L

Intense hydration after 1 application



MONTANOV™ L

INCI Name : C14-22 Alcohols & C12-20 Alkyl Glucoside

- Non ionic O/W **emulsifier** based on green chemistry* of glucolipids
- Versatile, it allows **sprayable to thick creams** with a **light skin feel**
- MONTANOV™ L is a **liquid crystals** promotor, presenting a **similar organization** than epidermis lipids
- It allows both skin dehydration limitation, thanks to a **restructuring effect**, and an **immediate moisturizing effect**, by gradual release of water at skin's surface
- Complementary mechanism for **long lasting moisturizing effect** by combining with **AQUAXYL™**

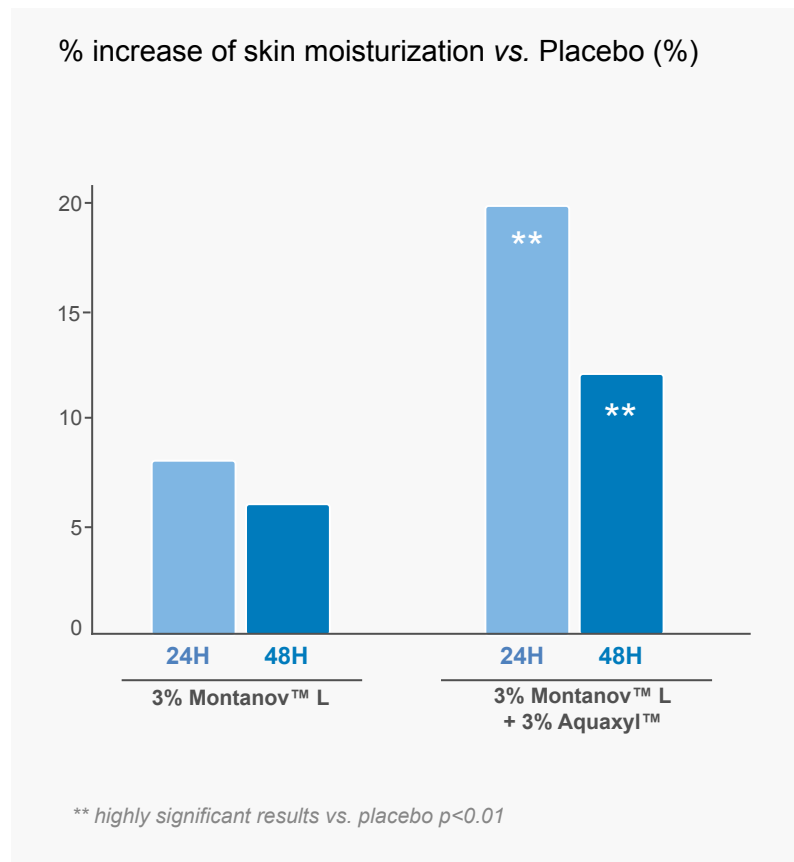
** 100% Bio-based, Cosmos & Natrue certified
China compliant*

AQUAXYL™ + MONTANOV™ L

Intense hydration after 1 application



1 APPLICATION - UP TO 48H MOISTURIZATION



IN VIVO test protocol

- 3 cream-gels with (3% Montanov™ L + 3% AQUAXYL™), or (3% MONTANOV L only) or Placebo
- Corneometry - Corneometer® CM 825
- 50 volunteers with very dry skin (<30 UC)
- After one unique application on legs

Tested formula

Aqua/Water	up to 100%
SOLAGUM™ AX	1.5%
Prunus Amygdalus Dulcis (Sweet Almond) Oil	8%
LANOL™ 2681	5%
MONTANOV™ L	3%
AQUAXYL™	3%
Dicaprylyl Carbonate	2%
Dehydroacetic Acid & Benzyl Alcohol	0.8%
Dehydroacetic Acid	0.2%

AQUAXYL™ + MONTANOV™ L
ensures 24H & 48H of moisturization



MODE OF ACTION

AQUAXYL™ boosts the 3 key mechanisms of natural hydration

- 1 - Reinforce the skin barrier function
- 2 - Optimize water reserves
- 3 - Maximize water circulation

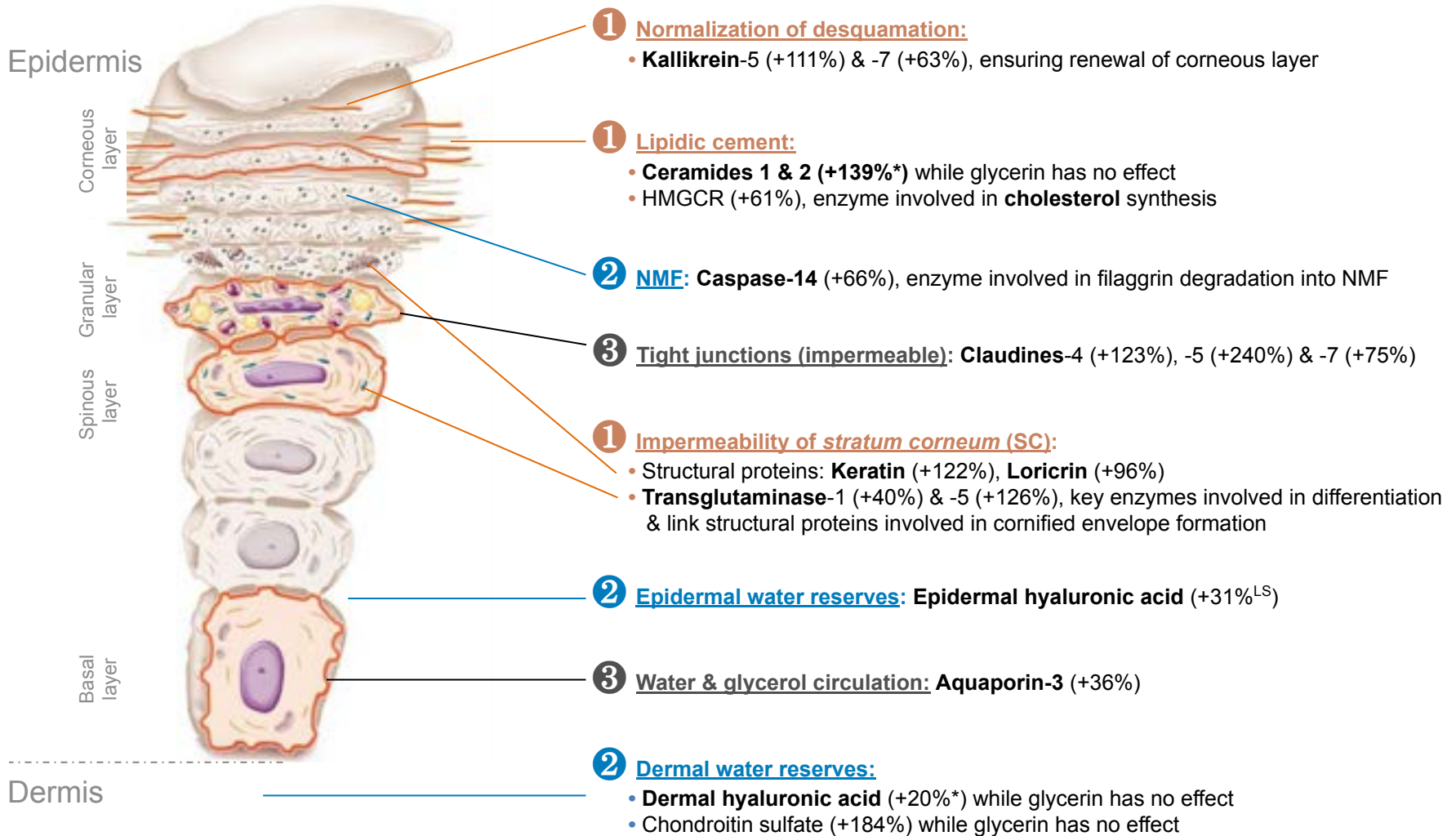
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MODE OF ACTION

AQUAXYL™ boost the 3 key mechanisms of natural hydration

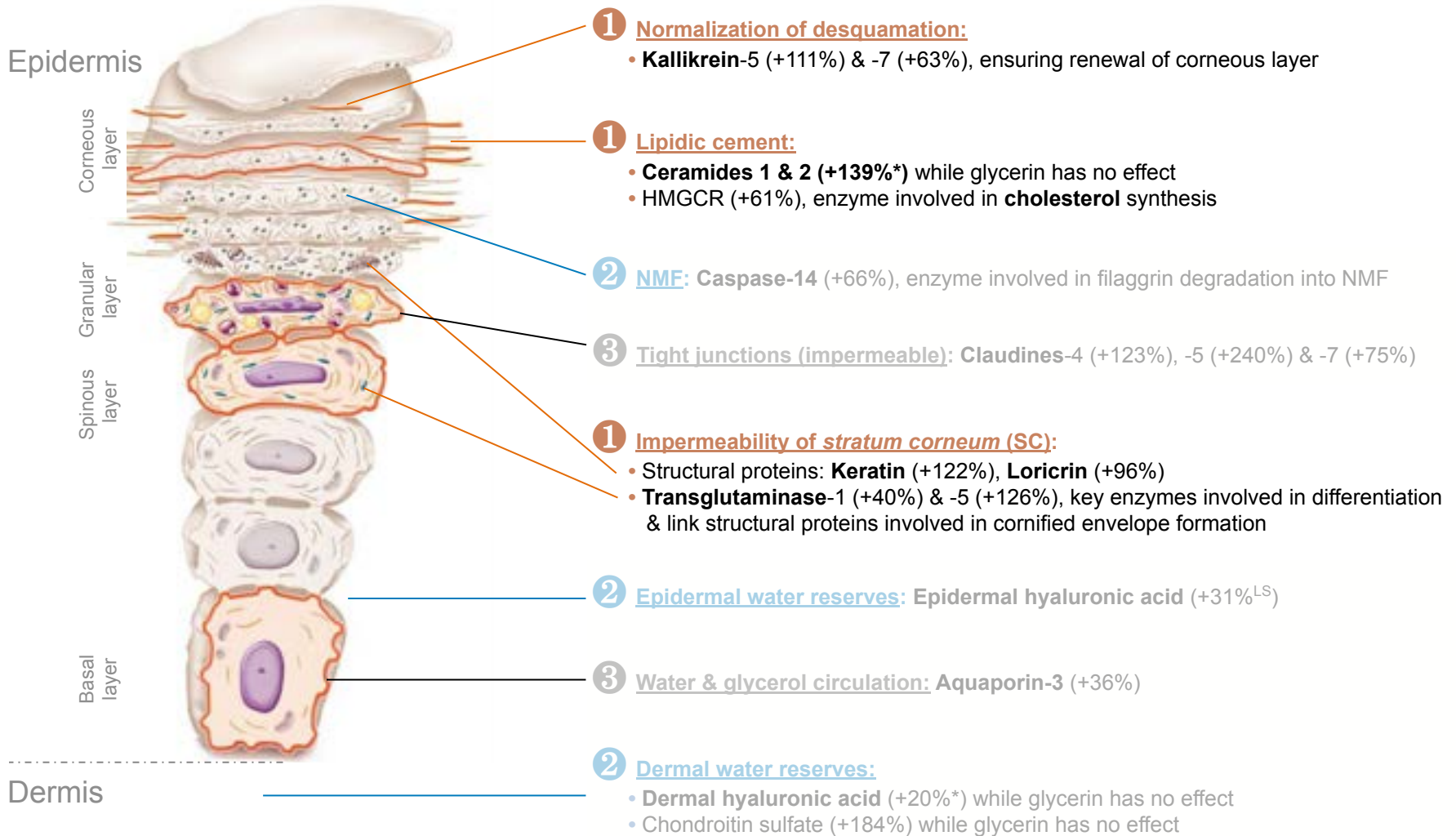


① Reinforce barrier effect ② Optimize water reserves ③ Maximize water circulation within epidermis



1- Reinforce the barrier function

① Reinforce barrier effect ② Optimize water reserves ③ Maximize water circulation within epidermis



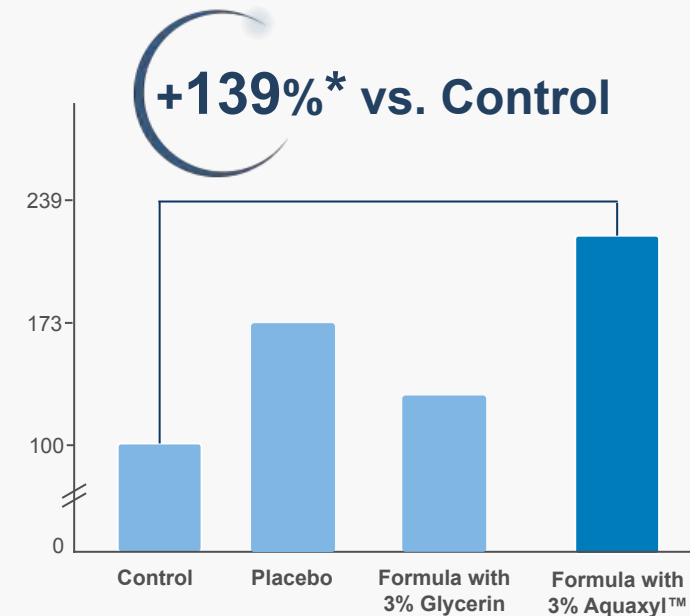
1- Reinforce the barrier function

LIPIDIC CEMENT

CERAMIDES 1 & 2

- **Key lipids in intercellular cement** of the corneous layer
- By linking the corneocytes together, they **limit the water loss** & **ensure the SC cohesion and softness..**

% increase in synthesis
of ceramides 1 & 2
(cpm/mg)



* $p < 0.05$ vs. Control

EX VIVO test protocol

- **Quantification of newly synthesized ceramides 1 & 2**
- On human skin explant
- Cream-gel with 3% AQUAXYL™ or 3% Glycerin or Placebo (2% SEPIGEL™ 305, 5% LANOL 99, 0.5% preservative, pH =6)
- Incorporation of C14-labeled acetate to mark the newly synthesized lipids then measurement by thin-layer chromatography after 18H of incubation

- **AQUAXYL™ boosts the natural synthesis of ceramides 1 & 2 by +139%* vs. Control in 18 hours.**
- While Glycerin & Placebo has no significant effect.

1- Reinforce the barrier function

LIPIDIC CEMENT

CHOLESTEROL

- **Key lipids in intercellular cement** of the corneous layer
- Synthesized by the pathway involving the enzyme **HMGCR** (3-hydroxy-3-methylglutaryl-CoA reductase)



EX VIVO test protocol

- **Cosmetogenomic screening**
= quantification of 92 genes expression modulation (by RT-qPCR) to identify the key signaling pathways impacted by our product
- On 3D reconstructed epidermis
- Formula with 3% AQUAXYL™ vs. Placebo
(5% MONTANOV™68, 2% MONTANOV™202, 0.5% LANOL 1688, 1% SIMULGEL™EG, Citric acid qs pH=5.5, water qs100%)
- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)

AQUAXYL™ boosts the natural synthesis of cholesterol
by stimulating *HMGCR* gene expression by +61% vs. Placebo

1- Reinforce the barrier function

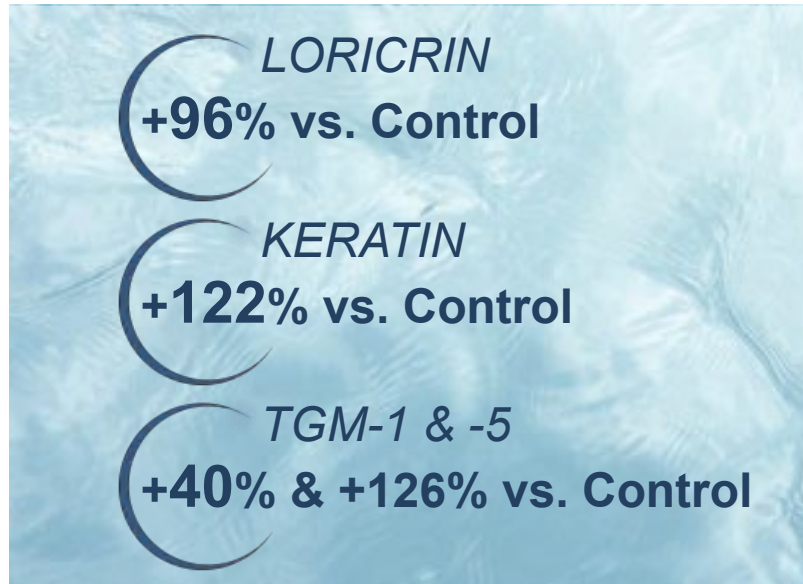
IMPERMEABILITY OF STRATUM CORNEUM

LORICRIN, KERATIN

- Key **hydrophobic & structural proteins** of the corneous layer
- They **structure & maintain water within the epidermis**

TRANSGLUTAMINASES

TGMs are enzymes involved in differentiation by **crosslinking the structural proteins** to one another to create an impermeable network in corneocytes.



EX VIVO test protocol

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- Formula with 3% AQUAXYL™ vs. Placebo (5% MONTANOV™68, 2% MONTANOV™202, 0.5% LANOL 1688, 1% SIMULGEL™EG, Citric acid qs pH=5.5, water qs100%)
- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)

AQUAXYL™ boosts the natural synthesis of the key proteins & enzymes to structure & waterproof the epidermis.

1- Reinforce the barrier function

NORMALIZATION OF DESQUAMATION

KALLIKREINS-5 & -7

Enzymes that **ensure the renewal of corneous layer (desquamation)** by cleaving the extracellular proteins of cell junction in the outermost layer of epidermis.



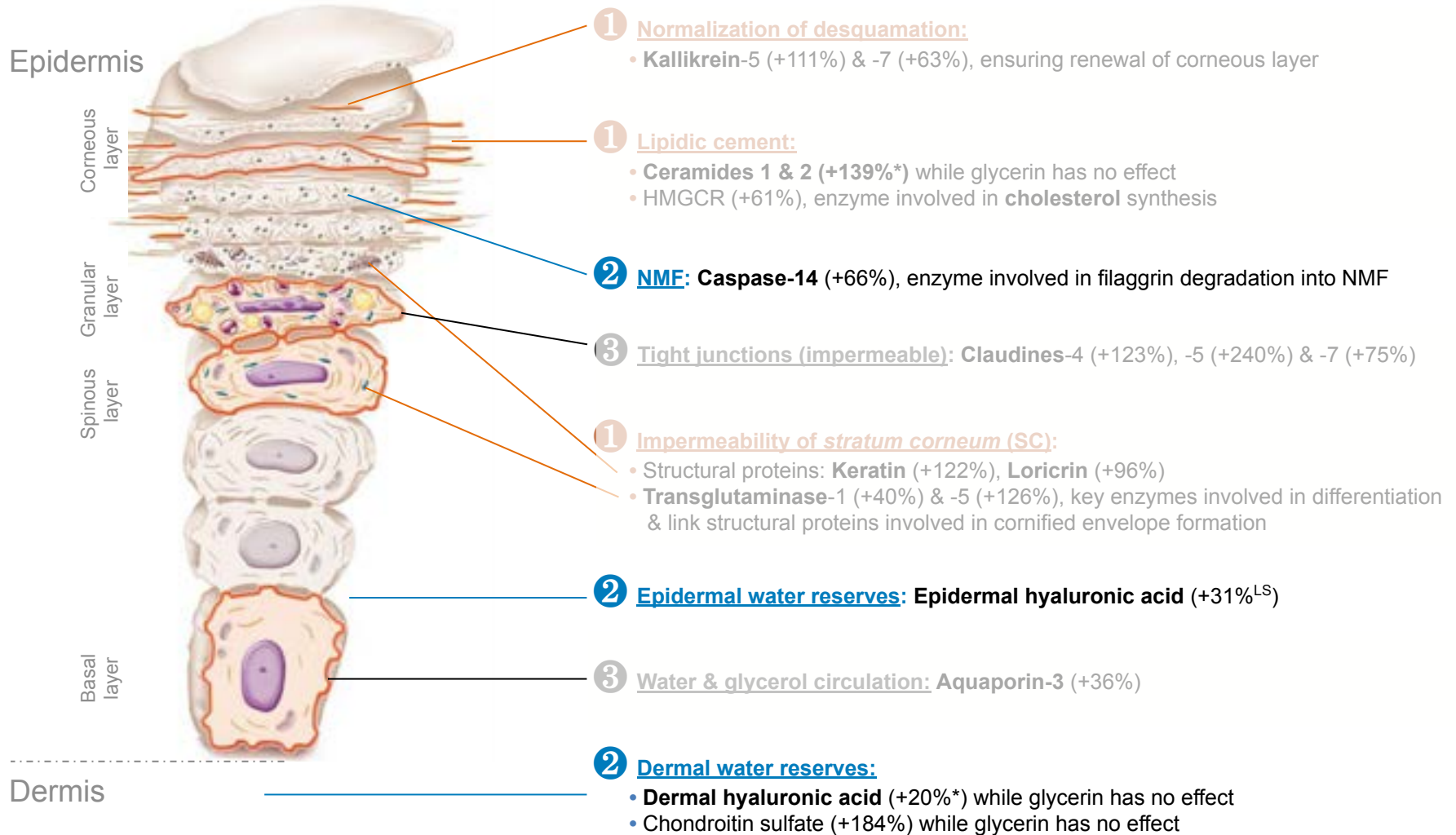
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(5% MONTANOV™68, 2% MONTANOV™202, 0.5% LANOL 1688, 1% SIMULGEL™EG, Citric acid qs pH=5.5, water qs100%)
- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)

AQUAXYL™ normalizes desquamation by stimulating *KLKs* gene expression.
The skin is smoothed!

2- Optimize water reserves

- ① Reinforce barrier effect ② Optimize water reserves ③ Maximize water circulation within epidermis



2- Optimize water reserves

NMF = corneocytes water reserves

NMF

- Natural Moisturizing Factor are **hygroscopic molecules** that maintains water in corneocytes.
- Caspase-14 is an enzyme involved in filaggrin degradation into amino acids & urocanic acid (40% of NMF)



EX VIVO test protocol

- **Cosmetogenomic screening**
= quantification of 92 genes expression modulation (by RT-qPCR) to identify the key signaling pathways impacted by our product
- On 3D reconstructed epidermis
- Formula with 3% AQUAXYL™ vs. Placebo
(5% MONTANOV™68, 2% MONTANOV™202, 0.5% LANOL 1688, 1% SIMULGEL™EG, Citric acid qs pH=5.5, water qs100%)
- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)

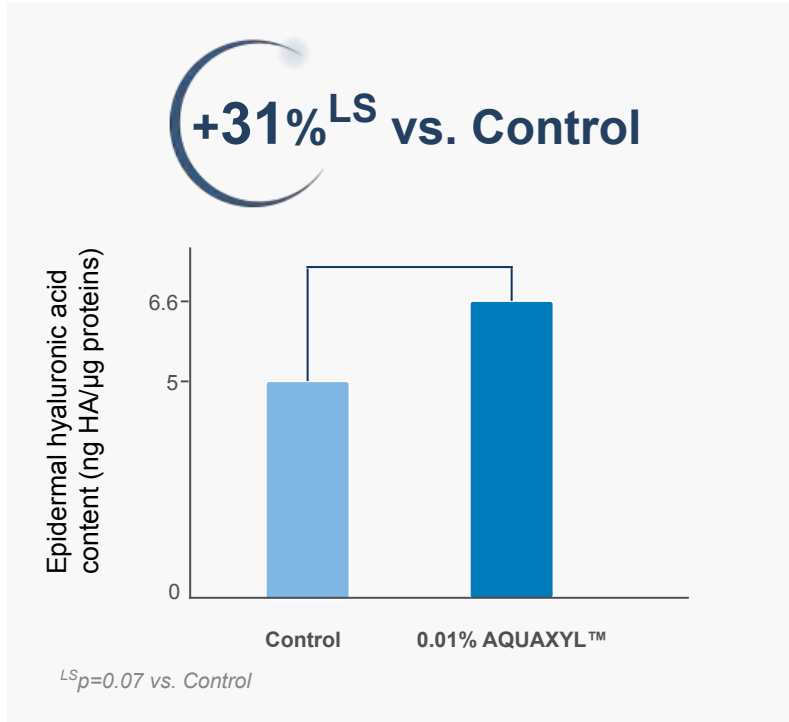
AQUAXYL™ boosts the natural synthesis of NMF
by stimulating *CSP-14* gene expression.

2- Optimize water reserves

Epidermal hyaluronic acid = epidermal water reserves

EPIDERMAL HYALURONIC ACID

- Highly hygroscopic polysaccharide: it can retain up to 1000X its weight in water
- It plays an important role in **hydration & skin elasticity**
- It helps **smooth away wrinkles and fine lines & plump the skin**



IN VITRO test protocol

- **Quantification of epidermal hyaluronic acid (ELISA assay)**
- On HEK - Human Epidermal Keratinocytes
- After 24H of incubation with 0.01% AQUAXYL™ vs. Control

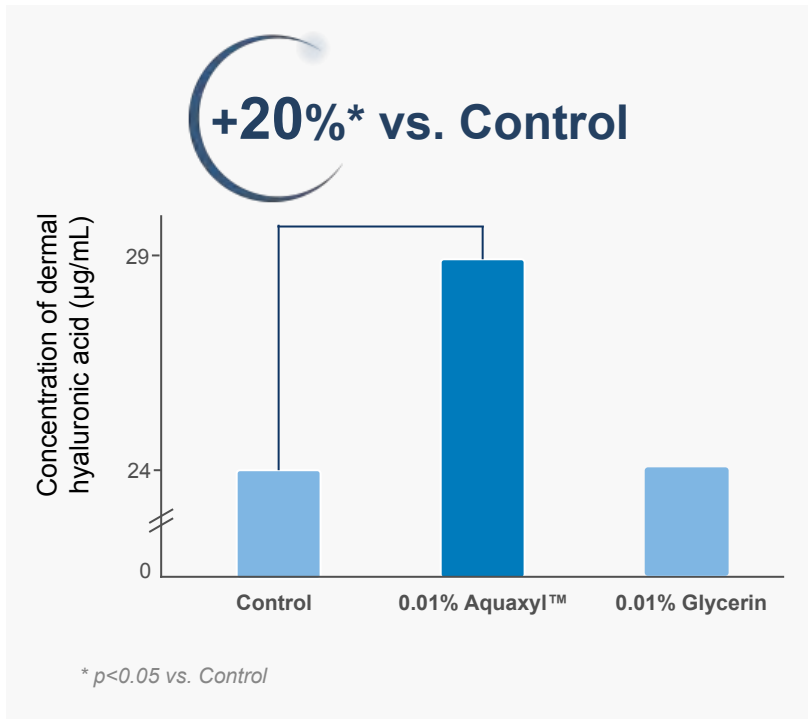
**AQUAXYL™ optimizes
the epidermal hyaluronic acid content
by +31%^{LS} vs. Control**

2- Optimize water reserves

Dermal water reserves

DERMAL HYALURONIC ACID

- Highly hygroscopic polysaccharide: it can retain up to 1000X its weight in water
- It plays an important role in **hydration & skin elasticity**
- It helps **smooth away wrinkles and fine lines & plump the skin**



IN VITRO test protocol

- **Quantification of dermal hyaluronic acid (ELISA assay)**
- On NHDF - Normal Human Dermal Fibroblasts
- After 4 days of incubation with AQUAXYL™ (0.01%) or Glycerin (0.01%) or Control
- Staining of hyaluronic acid then quantification by spectrophotometry at 630 nm

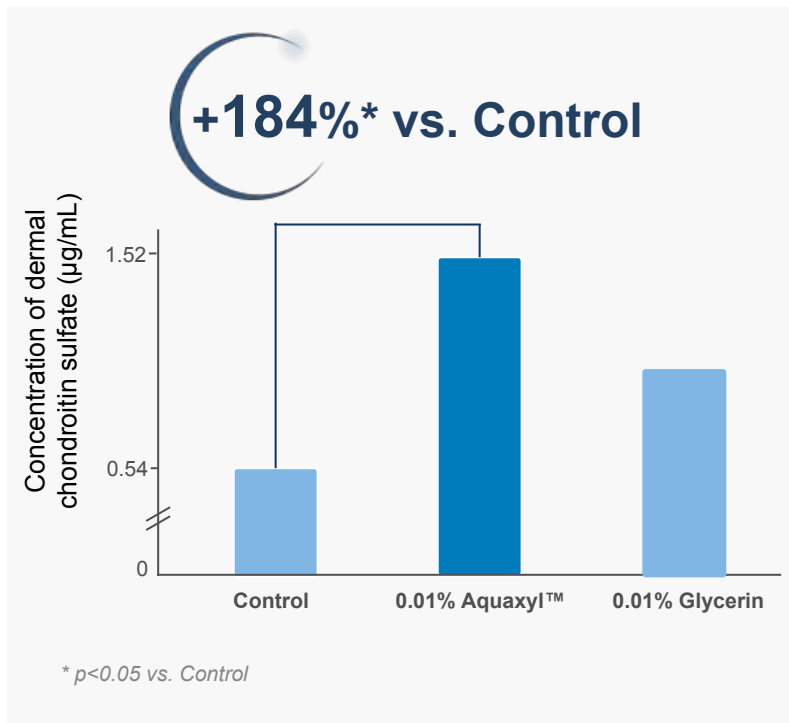
- **AQUAXYL™ optimizes the dermal hyaluronic acid content by +20%* vs. Control**
- While Glycerin has no effect at all

2- Optimize water reserves

Dermal water reserves

CHONDROITIN SULFATE

- Highly hygroscopic polysaccharide
- It plays an important role in **hydration & skin elasticity**
- It helps **smooth away wrinkles and fine lines & plump the skin**



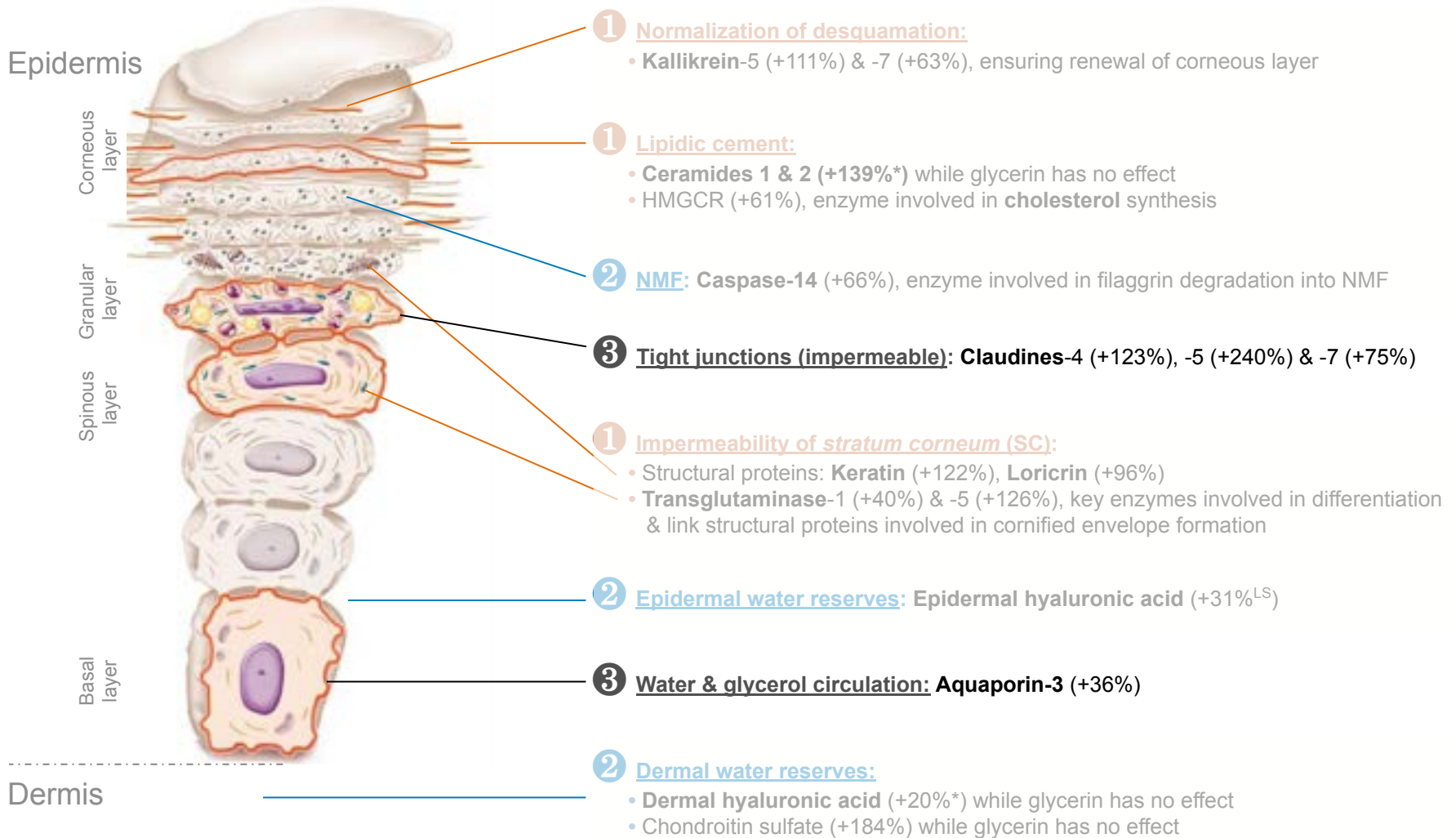
IN VITRO test protocol

- **Quantification of dermal chondroitin sulfate (ELISA assay)**
- On NHDF - Normal Human Dermal Fibroblasts
- After 4 days of incubation with AQUAXYL™ (0.01%) or Glycerin (0.01%) or Control
- Staining of chondroitin sulfate then quantification by spectrophotometry at 450 nm

- **AQUAXYL™ optimizes the dermal chondroitin sulfate content by +184%* vs. Control**
- While Glycerin has no significant effect

3- Maximize water circulation

① Reinforce barrier effect ② Optimize water reserves ③ Maximize water circulation within epidermis



3- Maximize water circulation

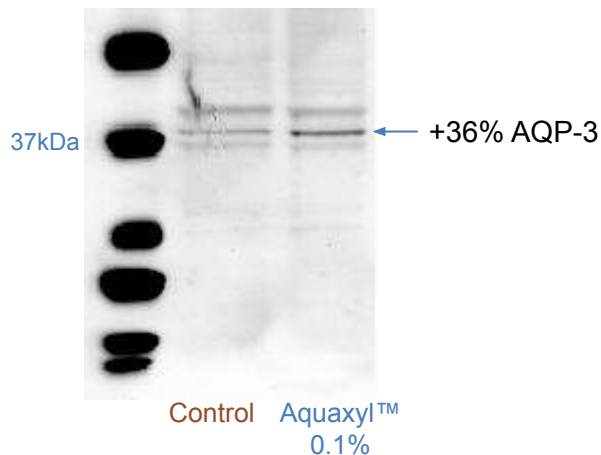
WATER & GLYCEROL CIRCULATION

AQUAPORINE-3

- **Proteins forming pores between cells ensuring water & glycerol distribution within the epidermis**
- Water is essential for the keratinization process and the good functioning of the skin tissue. Glycerol is an humectant and its distribution moisturizes the skin.

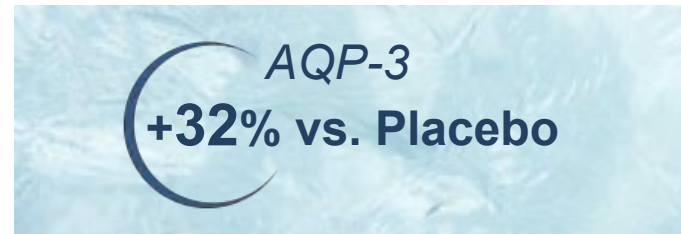
IN VITRO test protocol

- **Quantification of AQP-3 proteins (Western-blot)**
- On HEK - Human Epidermal Keratinocytes
- After 48H of incubation with 0.1% AQUAXYL™ vs. Control



EX VIVO test protocol

- **Cosmetogenomic screening**
= quantification of 92 genes expression modulation (by RT-qPCR) to identify the key signaling pathways impacted by our product
- On 3D reconstructed epidermis
- Formula with 3% AQUAXYL™ vs. Placebo
(5% MONTANOV™68, 2% MONTANOV™202, 0.5% LANOL 1688, 1% SIMULGEL™EG, Citric acid qs pH=5.5, water qs100%)
- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)



AQUAXYL™ increases AQP-3 by stimulating its gene expression

3- Maximize water circulation

TIGHT JUNCTIONS

TIGHT JUNCTIONS

- They act as sealing for the epidermis. Located in the granular layer, they **modulate paracellular water flow and its distribution**.
- They are **made up of transmembrane proteins: the claudins and occludins**.



EX VIVO test protocol

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- After 24H of incubation
- GeneSpring™ pathway analysis (Agilent Software)

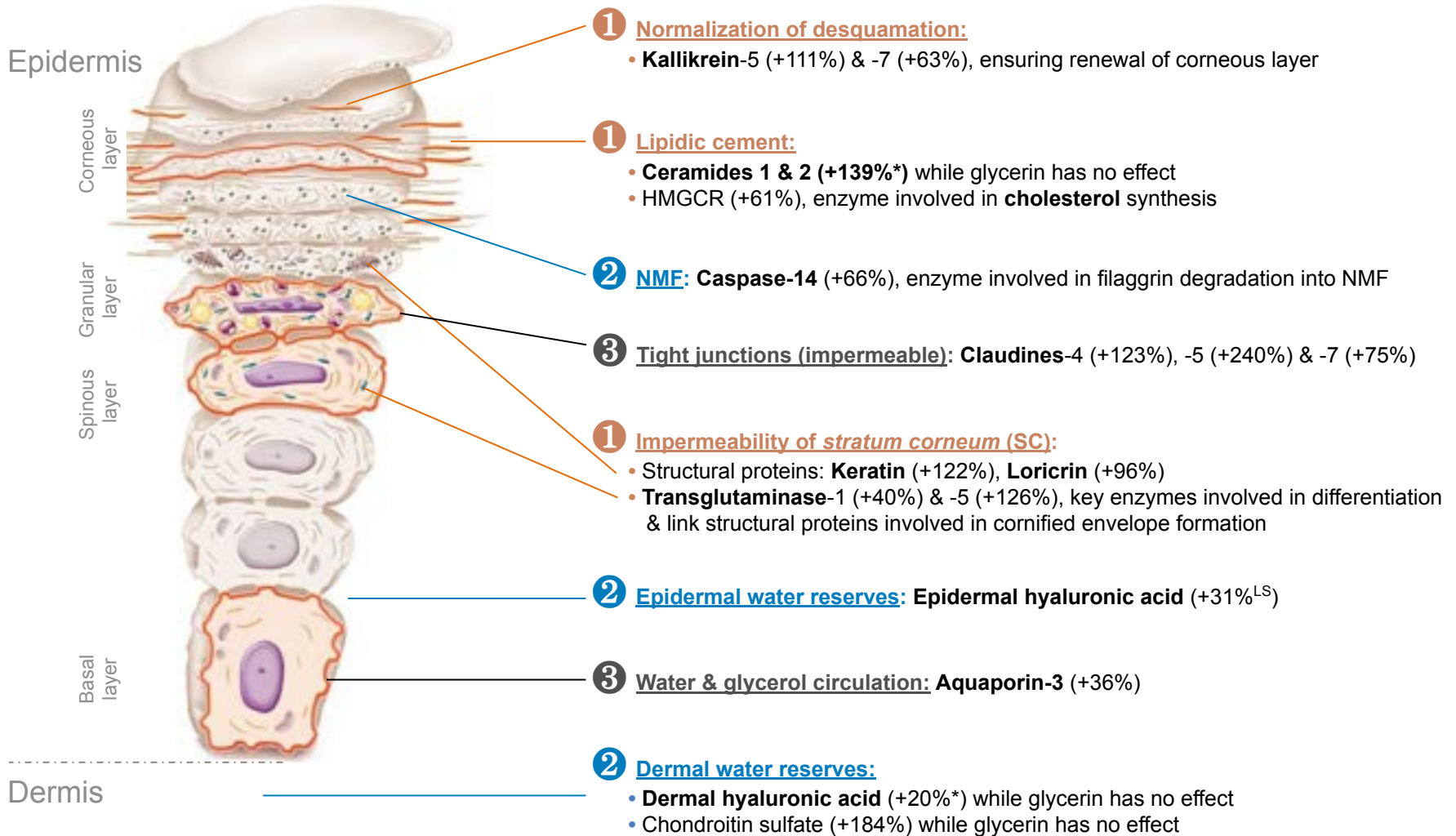
By boosting the synthesis of tight junction components, **AQUAXYL™** helps the skin to control water circulation in the epidermis.

MODE OF ACTION

AQUAXYL™ boost the 3 key mechanisms of natural hydration



① Reinforce barrier effect ② Optimize water reserves ③ Maximize water circulation within epidermis





**EXCELLENT TOLERANCE
FOR EVERYONE!**

wesource by **SEPPIC**

EXCELLENT TOLERANCE FOR EVERYONE!

Overview



Skin & eyes tolerance evaluation

- 48H occluded patches @3% AQUAXYL™ on 20 volunteers
- HET CAM test - Non irritant up to 10%



In vitro tolerance evaluation for skin with impaired barrier function

@5% AQUAXYL™ - Skin irritation evaluation in presence of barrier impairment (mechanical abrasion) on Reconstructed Human Epidermis



In vitro tolerance evaluation on immature epidermis

@5% AQUAXYL™ - Skin irritation evaluation (cytotoxic effect, inflammation response & histological analysis) on Human Immature Reconstructed Epidermis



In vitro tolerance evaluation on vaginal epithelium

@3% AQUAXYL™ - Skin irritation evaluation (cytotoxic effect) on Human Reconstructed Vaginal Epithelium

In vitro tolerance evaluation on gingival epithelium

@3% AQUAXYL™ - Skin irritation evaluation (cytotoxic effect) on Human Reconstructed Gingival Epithelium

EXCELLENT TOLERANCE FOR EVERYONE!

Skin with impaired barrier function



SKIN WITH IMPAIRED BARRIER FUNCTION

Shaving, depilation, dryness... can impair skin barrier function. The skin becomes **more permeable and less resistant to irritants**. It leads to sensitive skin.



IN VITRO test protocol

- **Cellular viability** (cytotoxic effect measured by MTT test)
Barrier function (TEER - Trans Epithelial Electrical Resistance)
Histo-morphological analysis (Haematoxylin & Eosin staining)
Integrity of skin barrier (biotin staining)
- On **Reconstructed Human Epidermis (RHE)** with a **mechanical abrasion** targeting the corneous layer **to impair the barrier function** (dermopharmaceutic model)
- After 24H of incubation - with **5% AQUAXYL™ diluted in water**

In vitro tested on skin model with impaired barrier function, **AQUAXYL™** shows:

- **No significant cytotoxic effect**
Results similar to the non-abraded control
- **A trend to recover from barrier modification on the stratum corneum induced by the mechanical abrasion**



EXCELLENT TOLERANCE FOR EVERYONE!

Baby skin



BABY SKIN

- **Dehydrated** - thin skin with low NMF content and high TEWL
- **Hyper-sensitive** - area-to-weight ratio is superior to that of adult, so it concentrates product within the body



AQUAXYL™ is a well-known ingredient already used in more than 1000 formula on the market.

IN VITRO test protocol

- **Cellular viability** (cytotoxic effect measured by MTT test)
Inflammation (ELISA on IL-1 α)
Damages on epidermis (histological analysis on basal, granular & corneous layers)
- On **Human Immature Reconstructed Epidermis** (SkinEthic model = normal human keratinocytes cultured 10 days instead of 17 days for a mature epidermis)
- After 16H of incubation - with **5% AQUAXYL™** diluted in water



In vitro tested on immature skin model,
AQUAXYL™ shows:

- **No significant cytotoxic effect**
- **No significant inflammatory effect**
- **No significant alteration of epidermis**

EXCELLENT TOLERANCE FOR EVERYONE!

Vaginal epithelium



INTIMATE CARE

Almost no cutaneous barrier - low keratinized skin
=> need for ultra respectful product for sensitive zone



IN VITRO test protocol

- **Cellular viability** (cytotoxic effect measured by MTT test)
- On **Human Reconstructed Vaginal Epithelium** (SkinEthic model = keratinocytes from a mucosa tissue devoid of *stratum corneum* - morphological & ultrastructural characteristics comparable to vaginal mucous membrane)
- After 10min, 1H, 3H, 24H of incubation
- with **3% AQUAXYL™ diluted in water**

In vitro tested on vaginal epithelium model,
AQUAXYL™ is non irritant.

Formulas

In vivo tested formulas

Inspiring formulas



wesource by SEPPIC

EU06925 - Strength & Hydration for skin

In vivo tested formula



SKIN CARE

O/W
Emulsion



A	MONTANOV™ 68 MONTANOV™ 202 Cetearyl Octanoate	1.50% 1.50% 15.00%
B	Aqua/Water	Up to 100%
C	SIMULGEL™ EG AQUAXYL™	1.00% 3.00%
D	Parfum/Fragrance Preservatives	0.30% 0.50%

Appearance	White cream
pH	6.5
Viscosity	30 000 mPa.s Brookfield LV4 sp.6
Stability	stable at RT-40°C-50°C

EU07333 - Full hydration cream

In vivo tested formula



SKIN CARE

O/W
Emulsion



Reinforced moisturizing power by the double action of **AQUAXYL™**.

This moisturizer helps to retain water in every epidermal layers.

It also enhances the moisturizing action of glycerin.

Lamellar structure of **MONTANOV™ 202** makes this emulsifier moisturizing. It also helps **AQUAXYL™** action.

SEIPLUS™ 400 provides a glossy and soft finish.

A	Aqua/Water	Up to 100%
B	MONTANOV™ 202 LANOL 99 Coco Caprylate Caprate SEIPLUS™ 400	3.00% 5.00% 13.00% 0.80%
C	AQUAXYL™	1.50%
D	Glycerin Preservatives Phenylpropanol & Propanediol & Caprylylglycol & Tocopherol Citric Acid	3.00% 1.00% 0.50% Up to pH

Appearance
pH
Viscosity 1M at RT
Viscosity 1M at 45°C
Viscosity recovery at RT (after 1M at 45°C)

White cream
5.5
56 000 mPa.s Brookfield S4S6
28 000 mPa.s Brookfield S4S6
39 000 mPa.s Brookfield S4S6

Inspiring formulas



EU07370 - Purifying Cream from French Inspiration

Hydration, comfort and confidence for acne-prone skin



US20051 - Save water 4-in-1 shaving care

Restoring the skin barrier and NMF after shaving



AS40042 - Rose Sleeping Pack

Even complexion of hydrated skin combined with a lightening agent



EU07341 - Water care - Fluidity & Emollience

In combination with a 'second skin' active ingredient, the hydrating effect is visible and leaves a unique feel on the skin



EU07343 - Ultra Soft Intimate Hydrating Foam

AQUAXYL™, a tested-tolerance & hydrating agent, even for the most intimate areas



EU07360 - Energizing Essence

Oxygenation, skin barrier strengthening, water reservoir activation: SEPITONIC M3, AQUAXYL™, the ideal ModernLifestylePF combination

EU07370 - Purifying Cream from French Inspiration - South West



SKIN CARE

O/W Emulsion



AQUAXYL™ sugar derivative from our green chemistry expertise balances water circulation through the skin for an optimal moisturizing power.

MONTANOV™ 202, a bio-sourced emulsifier, provides a light texture.

FLUIDIPURE™ 8G, biomimetic purifying active ingredient from our lipoaminoacids expertise

SEPIPLUS™ S and **SEPIPLUS™ 400** stabilize the emulsion and brings a long-lasting and comfortable skin feel.

A	Local mineral Aqua/Water (Luchon) Talc (Luzenac / Ariège)	QSP 100% 2.00%
B	MONTANOV™ 202 (colza) LANOL 2681 LANOL 99 LANOL P Prunus Domestica Seed Oil (Gascogne) Prunus Domestica Seed Oil and Hydrogenated Prunus Domestica Seed Oil (Gascogne)	3.00% 10.00% 5.00% 1.50% 2.00% 1.00%
C	SEPIPLUS™ S SEPIPLUS™ 400	0.75% 0.75%
D	FLUIDIPURE™ 8G	5.00%
E	SEPICIDE™ LD AQUAXYL™ Local Violet Fragrance (Toulouse) Citric Acid 25%	1.00% 3.00% 1.00% Qs pH

Appearance
pH
Viscosity 1M at RT
Viscosity 1M at 45°C
Viscosity recovery at RT
(after 1M at 45°C)
Stability*

White emulsion
5.6
58 700 mPa.s Brookfield S4S6
23 300 mPa.s Brookfield S4S6
68 800 mPa.s Brookfield S4S6
M1 at RT 45°C, Cycles -5°C/+40°C



A formula made in Castres with the sweet smell of the South-West violet

Moisturizing and purifying cream with a main local sourcing.

Let's reduce carbon footprint with a local production!

US20051 - Save Water 4-in-1 Shaving Care



SKIN CARE

O/W
Emulsion



A full shaving care product:
a high dosage of **MONTANOV™ 82**
& **SOLAGUM™ AX** permits a light
soaping effect when applied on moistened
skin to delineate the shave area ;
SEPIPLUS™ S and **SOLAGUM™ AX**
facilitate shaving by providing a gliding
effect. The emulsion protects the skin and
is then absorbed to leave it soft & healthy.
Practical, fast & ecological!

SEPICALM™ S WP
calms razor burn and
SEA SATIN™ brings
shine to the beard.

AQUAXYL™ gives
long lasting moisture
after shaving

A	Aqua/Water	Up to 100%
B	MONTANOV™ 82	5.00%
	LANOL 99	2.00%
	Diisopropyl Sebacate	2.00%
	SOLAGUM™ AX	1.00%
	SEPIPLUS™ S	1.00%
B'	Water	5.00%
	EDTA	0.20%
C	AQUAXYL™	3.00%
	PEG-90M	0.05%
D	SEA SATIN™	1.00%
	Fragrance	0.20%
	Phenoxyethanol & Ethylhexylglycerin	1.00%
	SEPICALM™ S WP	3.00%
	Propanediol	5.00%

Appearance	White cream
pH	5.6
Viscosity 1M at RT	28 300 mPa.s Brookfield S4S6
Viscosity 1M at 45°C	18 396 mPa.s Brookfield S4S6
Viscosity recovery at RT	27 394 mPa.s Brookfield S4S6
(after 1M at 45°C)	
Stability	1M at RT, 45°C, Cycles -5°C/+40°C



**A Four-In-One Shaving Care cream for a new gesture.
A rinse-off hygiene product. Wow! What a great solution
to save water!**

**NO NEED TO BUY AN ADDITIONAL SKIN CARE
PRODUCT!**

weSource by SEPPIC

AS40042 - Rose Sleeping Pack



SKIN CARE

Cream
Gel



Combination of
SIMULGEL™ INS 100 and
SEPIPLUS™ 400 gives
formula fresh, elegant
feeling.

AQUAXYL™,
SEPICALM™ VG WP,
OLIGOGELINE™ SPE
help to keep skin
moisturized over time,
reaching a unique
lightening and soothing
skin feel.

A	Caprylic Capric Triglyceride Dimethicone SIMULGEL™ INS 100 SEPIPLUS™ 400	1.00% 0.50% 2.00% 1.00%
B	Aqua/Water Butylene Glycol SOLAGUM™ AX	87.14% 4.00% 0.10%
C	AQUAXYL™ SEPICALM™ VG WP OLIGOGELINE™ SPE Propylene / Diazolidinyl Urea / Trimethylamine Iodopropynyl Butyl Ester Fragrance	1.00% 1.00% 1.50% 0.70% 0.05%
D	Colorant	0.01%

Aspect	pink cream gel
pH	5.50
Viscosité M1 à TA	43500mPa.s Brookfield S4S6
Viscosité M1 à 45°C	37000mPa.s Brookfield S4S6
Reprise de viscosité à TA (après M1 à 45°C)	41000mPa.s Brookfield S4S6
Stabilité	3M Stable at RT/ 45°C/ -18°C Stable after 1M of freeze/thaw cycles -5/+40°C

This leave-on mask refreshes your skin by providing simultaneously very light and smooth feeling. Joyful feeling will be perceived when applying this product

EU07341 - Water Care Fluidity & Emollience



SKIN CARE

W/O
Emulsion



The presence of **OLIGOGE LINE™ PF** creates a moisturizing protective film which acts as a second skin.

“Synergy” with other ingredients:

The skin losing moisture leads to dry, aged, damaged skin and the formation of “Crow’s Feet”. Sugar based actives **AQUAXYL™** and **OLIGOGE LINE SPE** hydrate the epidermis.

Completed Sensory by **SENSANOV™ WR**: a smooth and slippery veil with a mattifying effect.

The association **SEPIMAX™ ZEN + SIMULGEL™ FL** stabilizes perfectly glycols of this fluid formula for an “oil-like” sensation very emollient.

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

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

Water Care with a rich texture: "oil-like"
An union between various complementary ingredients which surprises on its texture and its emollient efficiency.

EU07343 - Ultra Soft Intimate Hydrating Foam – pH4



SKIN CARE

Solution



AQUAXYL™
brings
a moisturizing action
for a long-lasting
comfort!

ORAMIX™ GB 10,
cleansing ultra soft agent,
provides a stable
& abundant foam,
even at low pH

Aqua/Water	Up to 100%
Rosa Damascena Flower Water and Citric Acid and Sodium Benzoate and Potassium Sorbate	3.00%
Glycerin	10.00%
AQUAXYL™	3.00%
ORAMIX™ GB 10	13.00%
Benzyl Alcohol and Ethylhexylglycerin and Tocopherol	0.75%
SEPICIDE™ LD	0.50%
Lactic Acid 50%	Up to pH

Appearance	Transparent solution
pH	3.7
Stability	Stable

This hydrating intimate foam at pH 4 is particularly recommended for sensitive skins. Its texture limits contact irritations: no need to rub to have a foaming solution. Foam appears spontaneously.

EU07360 - Energizing Essence



SKIN CARE

O/W
Emulsion



SEPITONIC™ M3,
a multimineral cocktail,
stimulates cells
oxygenation

AQUAXYL™,
a sugar derivative,
maintains
the hydra-reserves
in the external layers
of epidermis.
The barrier effect
is strengthened.

SENSANOV™ WR
stabilizes oily phases
and brings lightness
and an elegant powdery
finish

The association of
**SOLAGUM™ AX –
SEPINOV™ EMT 10**
texturizes the fluid
bringing a sensorial
enhancement. It lets an
aqueous, light and fresh
film onto the skin.

A	Aqua/Water Butylene Glycol TEA 99%	Up to 100% 3.00% Up to pH
B	SENSANOV™ WR MONTANOX™ 80 VG DF Dimethicone Dimethicone	0.40% 0.20% 1.00% 2.50%
C	SOLAGUM™ AX SEPINOV™ EMT 10	0.40% 0.30%
D	AQUAXYL™ SEPITONIC™ M3 Preservative Fragrance	1.00% 1.00% 0.68% 0.02%

Appearance	Grey opaque liquid
pH	6.9
Viscosity 1M at RT	1260 mPas Brookfield S2S6
Viscosity 1M at 45°C	800 mPas Brookfield S2S6
Viscosity recovery at RT (after 1M at 45°C)	1200 mPas Brookfield S2S6
Stability	

Ultra sensorial light fluid emulsion inspired by Asian skincare for a invigorating wake-up.

This essence is a source of energy and pleasure!

SEPPIC

wesource

ACTIVE SCIENCE TO EMPOWER BEAUTY

Thank you
for your attention

wesourcebeauty.com

A company
AirLiquide
HEALTHCARE

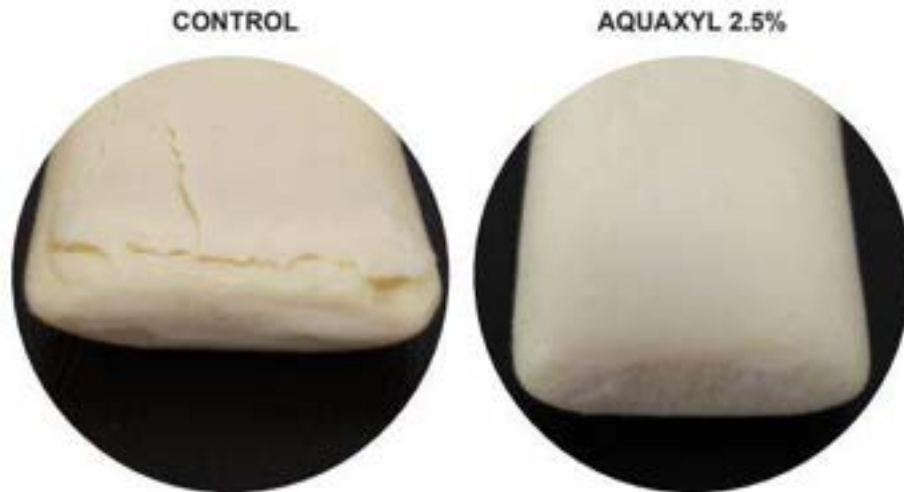
ANNEXE : Bar soaps

Natural & Effective mildness to a gentle shower



Formula samples not available

IMPROVEMENT OF SOAP ASPECT



Cracking of bar soaps, caused by moisture imbalance promoted by glycerin, is associated with bad quality. Wet cracks appear after the wetting and subsequent drying cycles of a bar during normal use.

Wet cracking test

The soaps are immersed into a water bath at 37°C for one hour. They are removed, the water is drained and let dry at RT for 24 hours. This cycle is repeated 3 times.

Tested formula (LA60019)

Sodium Palmate/Sodium Palm	
Kernelate	Up to 100%
Titanium Dioxide	0.20%
BHT	0.03%
AQUAXYL™	2.5%
Water	10%
Glycerin	3%
Fragrance	2%
pH = 10.25	

AQUAXYL™ improves the aspect of soaps during use.

ANNEXE : Bar soaps

Natural & Effective mildness to a gentle shower



Formula samples not available

IMPROVEMENT OF VOLUME & QUALITY OF THE FOAM

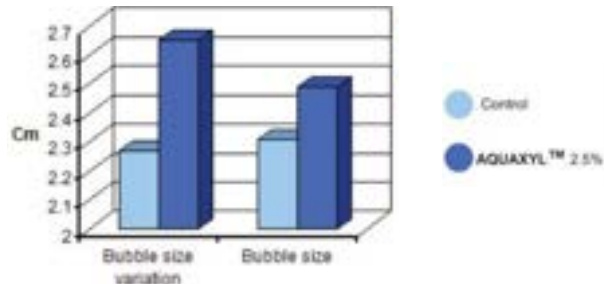


Foam evaluation

13 volunteers. The soap is smoothly rotated in the hands under cold water tap 5 times and 15 times out of the water. The speed of rotation is controlled by a metronome (135 bpm).

Tested formula (LA60019)

Sodium Palmate/Sodium Palm Kernelate	Up to 100%
Titanium Dioxide	0.20%
BHT	0.03%
AQUAXYL™	2.5%
Water	10%
Glycerin	3%
Fragrance	2%
pH = 10.25	



AQUAXYL™ improves the quality of the foam.

Contacts

Nota

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