

SEPPIC

Beauty Care

Ingredient Book



Ingredients that inspire



Inspiration, Innovation Connection, everything with Passion

By your side throughout the world, SEPPIC Beauty Care imagines & develops ingredients for Active Beauty (Proven efficacy & attractive concepts) and for Sensorial Beauty (Unique performances & creative textures), to inspire the cosmetics of tomorrow.

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Corporate Social Responsibility

OUR VISION:

We are a designer of **specialty ingredients** for **health & beauty care**.

Recognized for our **proximity & reliability**, we inspire our customers with **boldness** & a unique combination of **expertise**.

As a subsidiary of **Air Liquide Healthcare**, we **contribute to prevention & well-being** in the continuum of care through **sustainable innovation**.

OUR PRINCIPLES:

Ensure our performance over the long term by **acting responsibly** on a **daily basis**.

Continue to **improve our operational excellence**.

Integrate social & environmental aspects into our decision-making process.

ENVIRONMENTAL

Our 2020 objective:

-20% on the Impact of our Manufacturing Plants vs the 2012 baseline

- -20% reduction of **CO₂** emission
- -20% reduction of **Energy** consumption
- -20% reduction of **Water** consumption
- -20% reduction of **Waste**

INNOVATION

Our 2020 objective:

100% of our New Products bring at least one Environmental or Health benefit

Design new product with at least one environmental or health benefit for people, regarding one of the following criterias:

- **Raw materials**, renewable, bio-sourced or sustainably sourced or derived from green chemistry, sustainability of procurement
- Manufacture product according to **green chemistry principles**
- **Customer's process** with a lower environmental impact (lower consumption of energy or water, lower waste level, lower CO₂ emission)
- Reduction of the environmental footprint of the product at **end of life**, with lower environmental toxicity or better biodegradability
- Improvement of health by **key function** of the product

SOCIAL & SOCIETAL

Our 2020 objectives:

Develop our Employees Sustainably

- Commit to safety and occupational **health & well being**
- Encourage lifelong **learning** & development to ensure employability
- Value **diversity** & create a culture of inclusion

Involve all SEPPIC entities around the globe to support the Communities we live & work in

- Commit to involve each entity of SEPPIC in a **community project** wherever in the world

Involve our Stakeholders into our Sustainable Dynamics

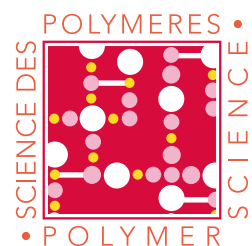
- Being **ethical** in doing business
- Evaluate & select all strategic suppliers based on social & environmental performance
- Support sustainable palm transformation

The 3 pillars of our CSR policy



Welfare projects in Madagascar: to date, more than 80 school classrooms built for about 2450 children.

Our Technologies



With POLYMER SCIENCE SEPPIC Beauty Care re-invents formulation

SEPPIC Beauty Care develops performing high molecular weight rheology modifiers, focusing on crosslinked and/or branched polyelectrolytes. Playing on inverse latex or precipitation polymerization technologies as well as experience with natural gums gives rise to a robust liquid & powder polymer range.

- Our expertise in inverse latex radical polymerization, referred to as **Hydro-Swelling Droplets** technology, flourishes through a complete and powerful polymer offer, at the root of the revolutionized cold processable cream-gel textures. **SEPIGEL 305™**, **SIMULGEL™**, **SEIPLUS™**, **SEPINOV™** & **SEPI LIFE™**, offer a great versatility with multiple user benefits: thickening, stabilizing, large range of sensory experience, ease of use.
- Our expertise on modulating a polymer's hydrophobic character gave birth to **SEPIMAX ZEN™** for a renewed emotional journey combined with outstanding suspending properties, clarity & high tolerance to salts & electrolytes.



With PLANT-BASED CHEMISTRY SEPPIC Beauty Care eco-designs responsible chemistry

SEPPIC Beauty Care, as an expert in sugar & aminoacids chemistry, combines raw materials in full conformity with the principles of Green Chemistry, to offer you **efficient plant-based ingredients**.

- **Glycolipids** leading performance in emulsions with a complete palette of textures & sensorial profiles, a variety of vegetable origins & proven benefits from liquid crystals structures.
- **AMINOVECTOR™** (amino acid grafted on a vegetal-based fatty chain) are at the source of life and at the root of beauty. They bring you a full range of clinically proven efficient active ingredients.
- **Functionalized sugars**, naturally present in human beings, are key molecules for cell communication. They are involved in skin barrier repair, maintenance & also in vital skin water reserves.
- **Mineral concepts** deliver essential minerals involved in the cell metabolism, grafted on smart vegetal-based anions.

“ Our ingredients are built
from our 4 technology pillars ”



With BOTANICAL EXTRACTION SEPPIC Beauty Care commits to you for human well-being

SEPPIC Beauty Care strengthens his activity in the field of botanical extraction through the acquisition of SERDEX.

SERDEX is a specialist in **ethical Malagasy purified plant extracts**, mastering his **own responsible supply chain** with more than 20 years of ethnobotanical expertise.

- Our **advanced extraction techniques** gives rise to highly purified & titrated extracts, historically from **Centella Asiatica** species.
- Our phytochemical expertise allows to identify & characterize the bioactive phyto-molecules that are key to **ensure traceability** & guarantee extracts quality (terpenes, genins, polyphenols, flavonoïds...).
- Our **range of titrated extracts** are ideal for dermato-beauty applications in accordance with significant clinical effects targeting dedicated skin.



With BIOTECHMARINE SEPPIC Beauty Care connects you to magical marine actives

BiotechMarine explores a large field of marine sources, using algae & plant extractions as well as biotechnologies.

Plant & algae cell culture biotechnologies highly reduces natural resources harvest, in a strong commitment to our biodiversity preservation strategy.

- **CELEBRITY™** technology offers active ingredients from **macroalgae cell cultures**, opening innovative design possibilities, unreachable using classical extraction techniques.
- **CELTOSOME™** technology, based on dedifferentiated **plant cells culture**, gives access to greatest diversity of both lipo & hydrosoluble metabolites in comparison to native plant extracts.
- **Algae & plant extracts**: BiotechMarine has a **direct connexion to fresh Brittany sources** & implements field cultivation methods for protected species. Our natural supply chain is fully compliant with our **RSE policy**.



ACTIVE INGREDIENTS

*Proven efficacy
& attractive concepts*

Our expertise in molecular, cell & skin biology together with our deep expertise of physiochemistry & textures, brings you active formulations through a holistic approach that have proven & perceived efficacy.

wesource by SEPPIC

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Eye contour / Energizing

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Photo-aging protection

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Lightening / Radiance / Pore minimizer

SKIN BALANCE 24

Purifying / Deodorant / Oil control
Anti-blemish & Acne prone skin /
Skin & Microbiota homeostasis

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Hydration / Skin barrier

SKIN RELIEF 29

Skin repair & Integrity / Soothing: Redness & Reactivity /
Calming: Seborrheic prone skin

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Slimming / SPA

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Skin Care solutions at a glance

Firmness & Wrinkles

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AMBRE OCEANE™ SPE	p.11	CRITHMUM MARITIMUM	p.12	SEPIlift™ DPHP	p.12
ANTILEUKINE 6™	p.11	CELTOSOME™		THALASSINE 2™ G	p.12
ASIATICOSIDE	p.11	ERYNGIUM MARITIMUM	p.12	TIMECODE™	p.13
ASPAR'AGE	p.11	EPHEMER™	p.12	VOLUFORM™	p.13
BIOPLASMA™ FA	p.11				

Plumping

AMBRE OCEANE™ SPE	p.13
KALPARIANE™	p.13
SEA LAVENDER SC	p.13
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VOLUFORM™	p.14

ANTI-AGING

Tightening

GELALG™ SPE	p.14
SESAFLASH™	p.14

Eye contour

ADIPOLESS™	p.14
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Energizing

BIOPLASMA™ BG	p.15
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Lightening

SEASHINE™	p.22	SEPIWHITE™ MSH	p.22
SEPICALM™ VG WP	p.22	SEPIWHITE™ MSH QD	p.22

SKIN COMPLEXION

Radiance

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CRITHMUM MARITIMUM	p.22
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Pore minimizer

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Soothing: Redness & Reactivity

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MADECASSOSIDE	p.30	SEPICALM™ S WP	p.30
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Skin repair & Integrity

CELTOSOME™	
CRITHMUM MARITIMUM	p.29
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SKIN RELIEF

Calming: Seborrheic prone skin

SEPICONTROL™ A5	p.31
SUBLIGANA™	p.31

Anti-oxidant

ASIATIC ACID	p.16
EPHEMER™	p.16
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TECA™	p.16

Detoxifying & Anti-pollution

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SAKADIKIUM™	p.18
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DAILY DEFENSE

Photo-aging protection

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BLUE SEAKALE SC	p.18	PHYTO AGE™	p.19
JUVENESSENCE™	p.18	SEA LAVENDER SC	p.19
		SEPIVITAL	p.19

Firming & Stretchmark control

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Plumping

VOLUFORM™	p.32
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BODY SHAPE

Slimming

ADIPOLESS™	p.33
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SPA

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Skin barrier

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MOISTURIZATION

Hydration

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Anti-blemish & Acne prone skin

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Deodorant

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Skin & Microbiota homeostasis

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SKIN BALANCE

Purifying

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Oil control

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SEPIMAT™ H10 FW	p.25

wesource

ACTIVE SCIENCE TO EMPOWER BEAUTY

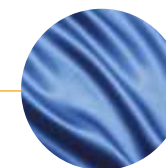
Our dedicated brand
delivering vibrant stories,
active ingredients with science
& personalized support

wesourcebeauty.com



Firmness & Wrinkles

Anti-aging



AMBIATY EXTRACT

Aqua/Water - Glycerin - Vernonia
Appendiculata Leaf Extract

Anti-aging care sourced from a malagasy endemic plant

Mode of action

- DEJ structuration: Collagen IV (ex-vivo: +24%), anchoring systems activation (Cytokeratin 14, Nidogen, Laminin-5, Integrin)
- Dermis activation: GAGs: +91.6% ex-vivo
- Dermis protection: MMP-1 (-22%), ROS protection (+92%)
- Reduction of glycation (-37%)

Nature

Titrated leaf extract of Ambiaty

Form: liquid
Use level: 0.5 to 1 %
Preservative free



AMBRE OCEANE™ SPE

Aqua/Water -
Pelvetia Canaliculata Extract

Mature skin expert

Benefits on volunteers

- Total surface area of wrinkles: -16%
- Number of wrinkles: -15%
- Average depth wrinkles: -5%

Mode of action

- Anti-MMP3: -32%

Nature

Sea amber

Solubility: water soluble
Form: liquid
Use level: 1%

Other version available:
AMBRE OCEANE™ 2C
is NATRUE Approved



ANTILEUKINE 6™

Caprylic/Capric Triglyceride -
Laminaria Ochroleuca Extract

Global anti-aging & defense shield

Benefits on volunteers

- Wrinkle depth: -9% after 2 months
- Firmness: self evaluation
- In vivo: immediate soothing effect after 24h

Mode of action

- Collagen: +30%
- GAG: +30%
- Anti-MMP 1: -31%, 2: -28%, 3: -31%, 9: -35%

Nature

Golden seaweed

Solubility: liposoluble
Form: liquid
Use level: 2%
Preservative free



ASIATICOSIDE

Asiaticoside

A unique molecule for skin firming

Mode of action

- Fibroblasts migration: +61%
- Soothing IL-1 (-60%)
- ECM protection (MMP-1: -72%)

Nature

Highly pure asiaticoside from *Centella* (> 95%)

Form: powder
Use level: 0.1 to 0.5%
Preservative free



ASPAR'AGE™

Aqua/Water - Propanediol* -
Asparagopsis Armata Extract
*Plant-based & Renewable

A new healthy aging approach

Benefits on volunteers

- -13% of wrinkles volume at D28 vs D0
- Skin is perceived younger by people

Mode of action

- Regulating contagious aging

Nature

An extract of *Asparagopsis armata*, a seaweed that contains Mycosporine-like aminoacids (MAA)

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



BIOPLASMA™ FA

Aqua/Water - Butylene Glycol* -
Plankton Extract** - Arginine Ferulate

Combine desert & ocean strengths

Benefits on volunteers

- -15% wrinkles depth at D28, vs D0

Nature

Desert microalgae

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



Firmness & Wrinkles

CELTOSOME™ CRITHMUM MARITIMUM

Crithmum Maritimum Callus Culture Filtrate



Rejuvenation from biotechnologies

Benefits on volunteers

- Clinical signs improved: +39% for wrinkles signs, +41% for tonicity vs T0 (10 months treatment) - specifically for affected women
- Better hydration after 2 hours vs placebo

Mode of action

- Collagen synthesis

Nature

Plant cells from sea fennel

Solubility: dispersible
Form: powder
Use level: 0.1 to 0.2%
Preservative free



CELTOSOME™ ERYNGIUM MARITIMUM

Eryngium Maritimum Callus Culture Filtrate



Full skin renewal from biotechnologies

Benefits on volunteers

- +27% firmness by self evaluation

Mode of action

- Better structure of dermo-epidermic junction, dermis & epidermis: +15% collagen, +16% GAG
- Cell proliferation in epidermis: +19% mitotic index

Nature

Plant cells from sea holly

Solubility: dispersible
Form: powder
Use level: 0.05%
Preservative free



EPHEMER™

Caprylic/Capric Triglyceride - Undaria Pinnatifida Extract



Ephemeral sourcing for anti-aging

Benefits on volunteers

- Reinforces the anti-oxidant capacity of the skin vs placebo

Mode of action

- Mitochondrial DNA protection: +63% aconitase
- Protects cells from free radicals: +19% catalase

Nature

Ephemeral cells in the lifecycle of macroalgae

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



JUVENESSENCE™

Caprylic/Capric Triglyceride - Alaria Esculenta Extract



Reverse age!

Benefits on volunteers

- After 1 month cutometer:
 - Elasticity: +20%
 - Firmness: +25%
- Self evaluation: improves firmness: 90%
- Decreases the depth of wrinkles: 80% of volunteers

Mode of action

- Downregulates progerin for mature skin: -79%

Nature

The Arctic winged kelp

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



The weapon against aging

Benefits on volunteers

- Total wrinkle surface: -32% after 42 days vs lipopeptide

Mode of action

- Stimulates collagen fiber contraction
- Protects dermal supporting tissue (protection of elastin, anti-MMPs action, pro-TIMPs)

Nature

Hydroxyproline Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



THALASSINE 2™ G

Glycerin - Tripleurospermum Maritimum Extract



Skin myorelaxant

Mode of action

- Reduces muscle contractions
- Protects skin against free radicals
- Stimulates GAG & collagen production

Nature

Sea chamomile

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



TIMECODE™

Palmitoyl Glycine



Neutralize inflamm'aging & gain up to 15 years of firmness

Benefits on volunteers

- Reduces visible wrinkles on 78% of volunteers
- 35% deep wrinkles after 42 days vs lipopeptide

Mode of action

- Targets the key aging markers (interleukin-6, tenascin C, Dermatoypontin & MMP1)
- Plays the role of dermis architect

Nature

PAL GLY, the bliss molecule

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



VOLUFORM™

Palmitoyl Isoleucine



Volufirming technology

Benefits on volunteers

- Deep wrinkles: -39% after 42 days vs lipopeptide

Mode of action

- Firming effect (reinforced dermal matrix): increase of contractile forces of fibroblasts: +94% after 48 hours
- Increases the dynamic interactions between fibroblasts & the dermal matrix: reorganization of dermis in only two hours

Nature

Isoleucine Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



Plumping

AMBRE OCEANE™ SPE

Aqua/Water - Pelvetia Canaliculata Extract



Collagen-like algae

Mode of action

- GAG: +19%
- Hyaluronic acid: +26%
- Collagen III: +18%

Nature

Sea amber

Solubility: water soluble
Form: liquid
Use level: 1%

Other version available:

AMBRE OCEANE™ 2C is NATRUE Approved



KALPARIANE™

Caprylic/Capric Triglyceride - Alaria Esculenta Extract



Ocean's gift of youth

Benefits on volunteers

- Self evaluation: improves firmness: +90%

Mode of action

- Collagen III: +24%
- Hyaluronic acid: +24%
- GAG: +28%

Nature

The Arctic winged kelp

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SEA LAVENDER SC

Caprylic/Capric Triglyceride - Limonium Gerberi Extract



Replump dermis due to cell communication

Benefits on volunteers

- Moisturizing effect vs placebo from 2 to 24 hours: +30%

Mode of action

- +31% collagen IV
- +21% collagen VII
- +31% GAG, +27% hyaluronic acid
- Activates connexin 43 for cell communication

Nature

Immortal blue

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



Plumping

SEPILIFT™ DPHP

Dipalmitoyl Hydroxyproline



Plump up lips, glamour effect guaranteed!

Benefits on volunteers

- Ideally moisturized & restructured, the lips are more plumped (after only 15 days)
- Clear improvement of moisturizing & restructuring of the lips

Nature

Hydroxyproline Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



VOLUFORM™

Palmitoyl Isoleucine



Natural alternative to lipofilling for the face

Benefits on volunteers

- After 56 days, the cheeks are plumped in 83% of volunteers (the fat cell stock is preserved)
- The face is re-sculpted & the skin becomes plump again (+10% firmness)

Mode of action

- VOLUfilling technology: stimulates the good fat & increases the volume of functional adipocytes

Nature

Isoleucine Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



Tightening

GELALG™ SPE

Aqua/Water - Carrageenan



Skin lifter

Benefits on volunteers

- Immediate tight effect

Nature

Marine polysaccharide

Solubility: water soluble
Form: liquid
Use level: 5%



SESAFLASH™

Glycerin - Acrylates Copolymer - VP/Polycarbamyl Polyglycol Ester Hydrolyzed Sesame Protein PG-Propyl Methylsilanediol



Flash effect

Benefits on volunteers

- Formation of an invisible & imperceptible micro-matrix: wrinkles are smoothed in 5 minutes, with complete comfort on application: +39% hydration after 30 minutes

Nature

Sesame-based active ingredient

Solubility: hydrodispersible
Form: liquid
Use level: 3-10%



Eye contour

ADIPOLESS™

Butylene Glycol - Chenopodium Quinoa Seed Extract



Dark circle eraser!

Benefits on volunteers

- After one month treatment, dark circles are strongly decreased: -16 arbitrary units vs placebo on 90% of volunteers

Mode of action

- +23% vascular protection
- +79% elastic fibers protection
- -90% less formation of new blood vessels
- -70% MMP-9 synthesis

Nature

Quinoa extract

Solubility: water soluble
Form: liquid
Use level: 2%



Energizing

BIOPLASMA™ BG

Aqua/Water - Butylene Glycol* - Plankton Extract**

*Plant-based & Renewable / **Plankton Origin: (Species) Scenedesmus Obliquus



Desert microalgae for cell energy

Mode of action

- ATP: +27%
- ATP after ozone stress: +39%
- ATP after H₂O₂ stress: +45%

Nature

Desert microalgae

Solubility: water soluble
Form: liquid
Use level: 1%



GULF STREAM SEA WATER™

Sea Salt



30x more concentrated in minerals than sea water

Benefits

- Optimizes cell functions

Nature

Sea powder

Solubility: water soluble
Form: powder
Use level: 2%



OLIGOPHYCOCORAIL SPE

Aqua/Water - Hydrolyzed Corallina Officinalis Extract



Energy from mineral-rich algae

Benefits

- Concentrates up to 200 000 times some micronutrients present in seawater: magnesium, zinc, manganese, calcium

Nature

Red calcified seaweed

Solubility: water soluble
Form: liquid
Use level: 2%



SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate - Copper Gluconate



A breath of oxygen & efficacy

Mode of action

- Optimization of cellular respiration which chronologically stimulates the synthesis of energy (ATP) & metabolic (DNA- proteins) mediators
- Active ingredient booster

Nature

Mineral-based cell fuel (zinc, copper, magnesium)

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free

For boosted efficacy & maximum comfort, combine with our bio-based emulsifying liquid crystal promotor (p.51).



Anti-oxidant

Daily defense



ASIATIC ACID

Asiatic acid



A unique molecule for replumping & lifting care

Mode of action

- Anti-oxidant (free radicals: -68%)
- Soothing (AP-1: -51%; VEGF: -49%; MMP-1 & MMP-9: -63%; TSP-1: +34%)
- Dermis boosting (lattices: +14%)
- Anti-glycation (AGEs: -19%)

Nature

Highly pure asiatic acid from *Centella* (≥ 95%)

Form: powder
Use level: 0.1 to 0.5%
Preservative free



EPHEMER™

Caprylic/Capric Triglyceride -
Undaria Pinnatifida Extract



Protect the genes of Eve

Benefits on volunteers

- Clinic anti-oxidant vs placebo (after day 28)
- Clinic anti-oxidant: +15% versus D0

Mode of action

- Immediate (-100% versus control) & long lasting (-36% vs control) anti-oxidant, protecting the mitochondria
- More efficient than a seaweed extract

Nature

Ephemeral cells in the lifecycle of macroalgae

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



Natural anti-aging defense for younger looking skin

Mode of action

- Neutralizes excess free primary radicals

Nature

Hydroxyproline Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate



A breath of fresh air to de-stresses the skin

Mode of action

- >80% protection against primary free radicals

Nature

Mineral-based cell fuel (zinc, copper, magnesium)

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free

TECA™

Asiaticoside - Madecassic Acid -
Asiatic Acid



Iconic blend of actives for stretchmarks

Mode of action

- Anti-oxidant -68%
- ECM protection (MMP-1 & 9 up to -63%)
- Dermis boosting (fibroblast migration: +61%; α-Smooth Muscle Actin protein: +50%)

Nature

Titrated extract of *Centella asiatica* (TECA ≥ 95%)

Form: powder
Use level: 0.1 to 1%
Preservative free



Detoxifying & Anti-pollution

BIOPLASMA™ FA

Aqua/Water - Butylene Glycol* -
*Plankton Extract** - Arginine Ferulate*

*Plant-based & Renewable /**Plankton
Origin: (species) *Scenedesmus Obliquus*



Cell detoxification & communication

Mode of action

Proteasome stimulation for mature skin:

- Proteasome 20S: +64%
- Proteasome 26S: +45%
- Complex proteasome PA28: +46%

Nature

Desert microalgae

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



CONTACTICEL™

Aqua/Water - Butylene Glycol -
Hydrolyzed Rhodophyceae Extract



Regulation of oily skin exposed to pollution

Benefits on volunteers

- Reduces the ozonolyzed squalene, as a protection of the skin against pollution

Mode of action

- Regulation of lipids (-17%) in polluted cells exposed to urban dust
- Protection from the effects of heavy metals: (cell proteins, cell DNA) regulates inflammatory mediators (IL-8 :-18%, IL-1: -49%)

Nature

Epiphytic macroalgae cells

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



JUVENESSENCE™

Caprylic/Capric Triglyceride -
Alaria Esculenta Extract



Detoxifying through proteasome stimulation

Mode of action

- Proteasome stimulation: +24%

Nature

The Arctic winged kelp

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



NATIVE ESSENCE™

Caprylic/Capric Triglyceride -
Crithmum Maritimum Extract



The keratogenesis architect

Mode of action

- Restores hydrolipidic barrier (ceramides 3 & 6)
- Detoxifies asphyxiated skin
- Protects blood vessel membranes

Nature

Sea fennel oil extract

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



OLIGOGELINE™ PF

Aqua/Water -
Chondrus Crispus Extract



Second skin ingredient

Benefits on volunteers

- TEWL: -38% after 2 hours
- +43% microparticles removed vs non treated area

Nature

Carrageenans from extremophile red seaweed & marine minerals

Solubility: water soluble
Form: gel
Use level: 2 to 3%
Preservative free



Detoxifying & Anti-pollution

SAKADIKIUM™

Glycerin - Aqua/Water -
Hedychium Coronarium Root Extract



Skin multiprotector

Benefits on volunteers

- Visible & perceived brightness increased by 16% vs placebo

Mode of action

- Blue light protection
- Cellular detoxification
- Anti-pollution
- Autophagy
- Anti-oxidant

Nature

Sugars of rhizomes from Madagascar

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



VOLUFORM™

Palmitoyl Isoleucine



A powerful cellular detoxifier

Mode of action

- Activation of proteasome enzymes:
- Chymotrypsin activity: +309%
 - Trypsin activity: +202%
 - Caspase activity: +209%

Nature

Isoleucine Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



Photo-aging protection

ANTILEUKINE 6™

Caprylic/Capric Triglyceride -
Laminaria Ochroleuca Extract



DNA protection after UVA/UVB exposure

Benefits on volunteers

- In vivo: immediate soothing effect after 24h

Mode of action

- Sunburn cells (UVB induced) decrease: -50%

Nature

Golden seaweed

Solubility: liposoluble
Form: liquid
Use level: 2%
Preservative free



BLUE SEAKALE SC

Caprylic/Capric Triglyceride -
Crambe Maritima Leaf Extract



Cutaneous soothing & cell proliferation

Benefits on volunteers

- -43% cutaneous reactivity

Mode of action

- -31% IL-1, -32% IL-6, -22% PGE2 (after UVB),
- +77% ceramides 2
- +14% cell proliferation

Nature

Highly salt-tolerant seakale

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



JUVENESSENCE™

Caprylic/Capric Triglyceride -
Alaria Esculenta Extract



Skin protector

Mode of action

- Decreases IL-1, IL-6 & IL-8: -12% to 21%
- TNFα: -14%
- IFNγ: -8%

Nature

The Arctic winged kelp

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



PHYCOCORAIL™

Lithothamnion Calcareum Powder -
Mannitol - Diatomaceous Earth -
Zinc Sulfate



Bioceramic thermic shield

Mode of action

- Protects 74% of keratinocytes & 80% Langerhans cells after UV/IR stress
- DNA damages: -72%
- Absorbs in IR

Nature

Red calcified seaweed

Solubility: hydro & lipo-dispersible
Form: powder
Use level: 1 to 3%
Preservative free



SEA LAVENDER SC

Caprylic/Capric Triglyceride -
Limonium Gerberi Extract



Reinforce the hydro-lipidic barrier & regulate sensitive skin

Benefits on volunteers

- Moisturizing vs placebo from 2 to 24 hours: +30%

Mode of action

- -37% IL-6, -33% IL-1 release (after UVB)
- +67% ceramides 1

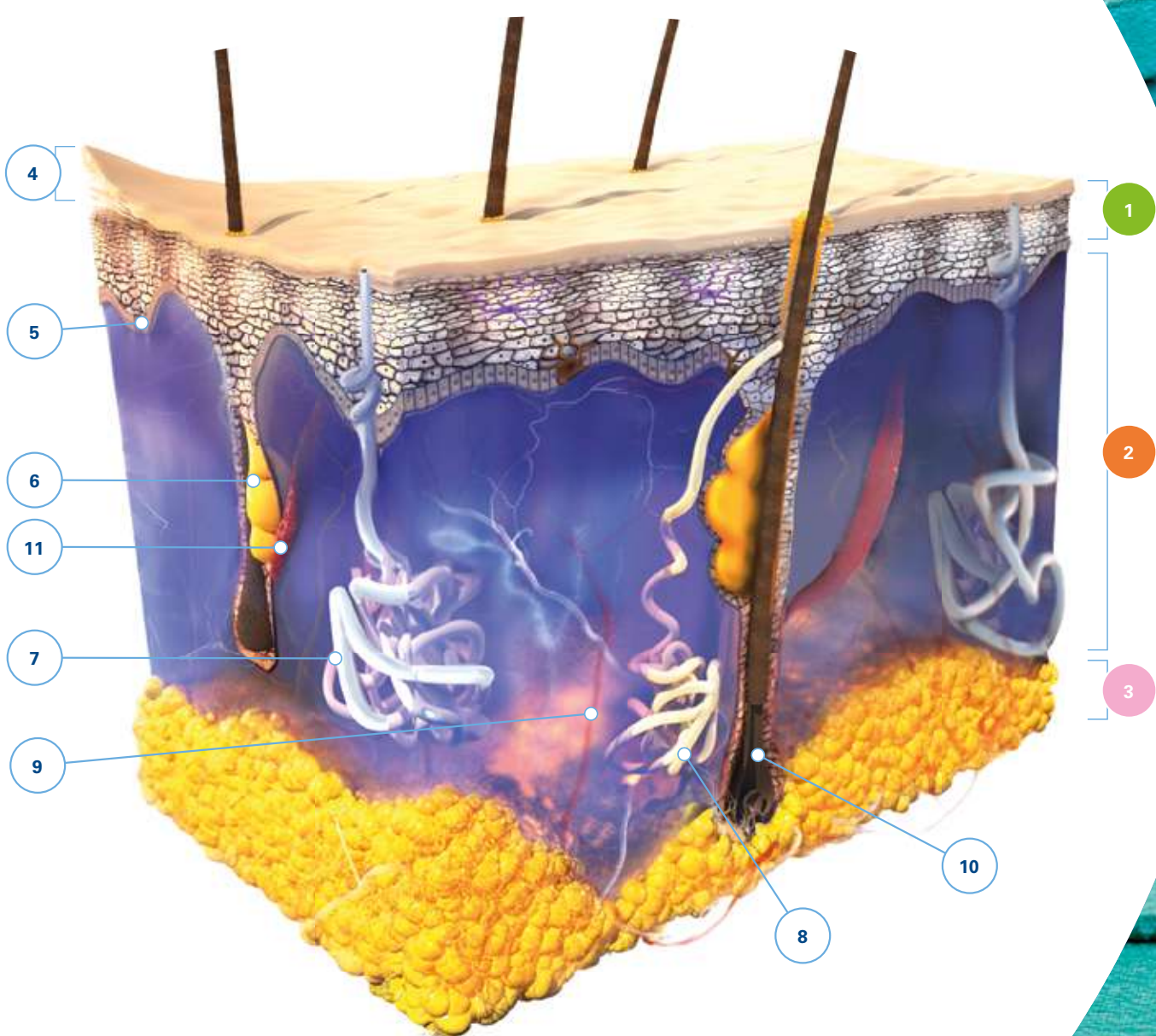
Nature

Immortal blue

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



Skin biology



SKIN

- 1

Epidermis
- 2

Dermis
- 3

Hypodermis
- 4

Stratum corneum
- 5

Dermo-epidermal junction
- 6

Sebaceous gland
- 7

Eccrine sweat gland
- 8

Apocrine sweat gland
- 9

Vascular network
- 10

Hair follicle
- 11

Erector muscle

- EPIDERMIS
- 1

Stratum corneum
- 2

Stratum granulosum
- 3

Stratum spinosum
- 4

Basal layer
- 5

Dermo-epidermal junction
- 6

Vascular network
- 7

Keratinocyte
- 8

Melanocyte
- 9

Langerhans cell

- DERMIS
- 1

Epidermis
- 2

Dermo-epidermal junction
- 3

Fibroblast
- 4

Collagen fiber
- 5

Elastin fiber
- 6

Ground substance
- 7

Papillar dermis
- 8

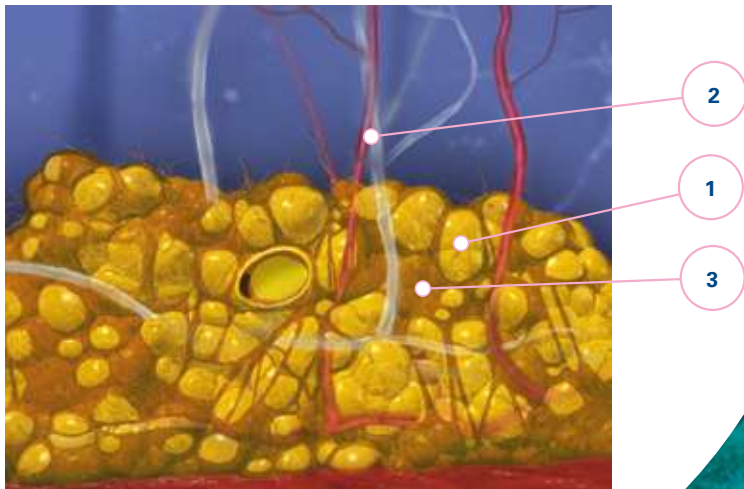
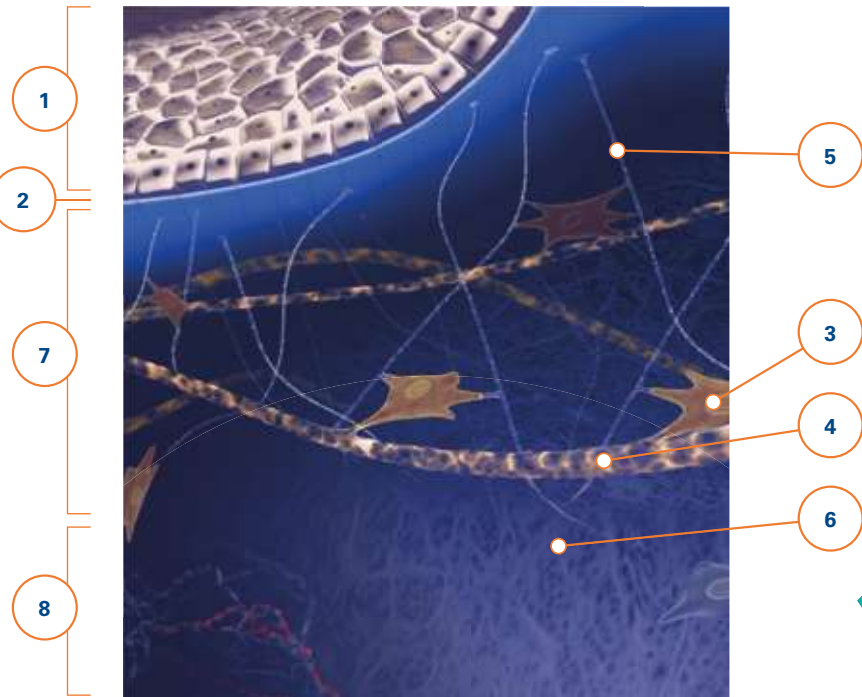
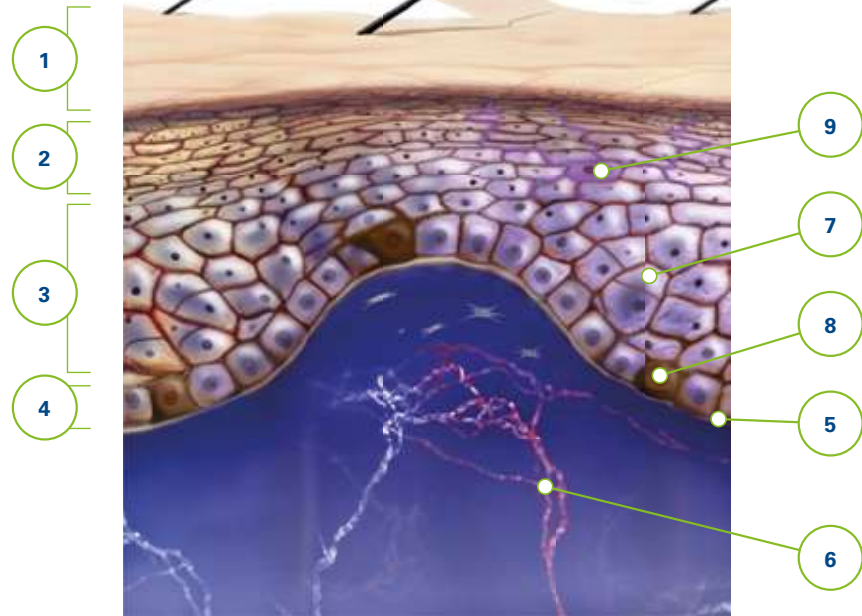
Reticular dermis

- HYPODERMIS
- 1

Adipocyte
- 2

Vascular network
- 3

Connective tissue



Skin complexion

Lightening

SEASHINE™

Aqua/Water - Butylene Glycol* -
Alaria Esculenta Extract -
Undaria Pinnatifida Extract

*Plant-based & Renewable



Lightener & skin sublimier

Benefits on volunteers

- Lightening +30%

Mode of action

- Downregulates TRP-1 protein gene expression by 31%
- Downregulates EDNRB protein gene expression by 28%
- Downregulates RAB27A gene expression by 48%
- Inhibits PAR-2 production by 25%
- Decreases of melanosomes migration into keratinocytes (-19%)

Nature

Sea shining laminarias

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



SEPICALM™ VG WP

Sodium Palmitoyl Proline -
Nymphaea Alba Flower Extract



Perfect lightener

Benefits on volunteers

- 90% lighter skin / 91% more radiant / 94% lighter spots & 73% smaller spots

Mode of action

- Double skin lightening action: Inhibition of inflammatory pigmentation induced by cutaneous stress & modulation of gene expression in the basal pigmentation (MIC1, MITF, tyrosinase) after 16 hours

Nature

Combination of lily flowers & palmitoyl proline

Solubility: amphiphilic
Form: liquid
Use level: 3%



SEPIWHITE™ MSH

Undecylenoyl Phenylalanine



Radiant complexion for all skin tones!

Benefits on volunteers

- 100% lighter spots / 73% less spots / 83% more radiant complexion / 100% more even complexion
- Uniform skin - Visibly luminous skin
- Proven efficacy on all skin tones (Asian, African, Indian & Caucasian skin, phototypes II-V)

Mode of action

- Unique mode of action: modulates the α-MSH path to inhibit the metabolic activation of tyrosinase
- Flash lightening (in seven days with AHA)

Nature

Phenylalanine Aminovector™

Solubility: hydrodispersible, water soluble at pH7
Form: powder
Use level: 2%
Preservative free



SEPIWHITE™ MSH QD

Undecylenoyl Phenylalanine



QD approved lightening booster

Benefits on volunteers

- At a very low dose (0.2%), boosts other illuminating agents

Nature

Phenylalanine Aminovector™

Solubility: hydrodispersible, water soluble at pH7
Form: powder
Use level: 0.20%
Preservative free



Radiance

CELTOSOME™ CRITHMUM MARITIMUM

Crithmum Maritimum Callus Culture
Filtrate



Pigmentation regulator from biotechnologies

Benefits on volunteers

- After 56 days of treatment, the scoring of radiance increased, meaning an improvement of 20% of radiant complexion versus D0

Mode of action

- Inhibits tyrosinase activity, reduces melanin, reduces migration of melanosomes

Nature

Plant cells from sea fennel

Solubility: dispersible
Form: powder
Use level: 0.10%
Preservative free



NATIVE ESSENCE™

Caprylic/Capric Triglyceride -
Crithmum Maritimum Extract



Reinforce the barrier

Benefits on volunteers

- Radiance: +14% after 28 days
- Skin is less dull (90% of volunteers)

Mode of action

- Improves ceramide synthesis by 46%
- Regulates cell proliferation & fillagrin for differentiation control under asphyxia conditions

Nature

Sea fennel oil extract

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SAKADIKIUM™

Glycerin - Aqua/Water -
Hedychium Coronarium Root Extract



Skin multiprotector

Benefits on volunteers

- Visible & perceived brightness increase by 16% versus placebo

Mode of action

- Blue light protection
- Autophagy
- Anti-oxidant

Nature

Sugars of rhizomes from Madagascar

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



SEPIMAT™ SB

Methyl Methacrylate Crosspolymer



Diffuse light Blur lines & erase shine

Benefits

- The perfect balance between soft touch, oil control & soft focus effects

Nature

Fine spherical powder

Solubility: oil & water dispersible
Form: powder
Use level: 0.5 to 10%
Preservative free



TALADVANCE™

Glycerin - Aqua/Water -
Centella Asiatica Leaf Extract



A nature-like extract of Talapetraka for skin radiance

Benefits on volunteers

- Flash complexion perfecter
- Increases blooming aspect, uniformity & complexion radiance within 30 min at 5%
- Long-lasting radiance
- Light & glow aspect improvement after 28 days at 2%

Mode of action

- Dermal boosting & cellular viability: metabolism improvement (mTOR pathway: +147%) & cellular capacity maintenance (Survivin: +47%)
- Dermal protection (MMP-1: -54%)
- Anti-oxidant

Nature

The full essentials of Centella

Solubility: water soluble
Form: liquid
Use level: 2 to 5%
Preservative free



TIMECODE™

Palmitoyl Glycine



No more shadowy areas!

Benefits on volunteers

- Blooming skin effect in 14 days: +5% luminosity & -24% redness (ex vivo)

Mode of action

- Improved microvascular network after 16 hours: +18%

Nature

PAL GLY, the bliss molecule

Solubility: amphiphilic
Form: powder
Use level: 1%
Preservative free



Pore minimizer

CERAMOSIDES™ HP

Glycosphingolipids - Glycolipids



The essence of a perfect skin

Benefits on volunteers

- Smooth skin texture, pore are narrowed
- Positive emotions & self-esteem are boosted

Mode of action

- Firmness: +31.8% protection of collagen fibers (TIMP1)
- Elasticity: +47% protection of elastin fibers
- Anti-oxidant: +39.2% protection against superoxide radicals

Nature

Ceramides (omegas 3,6,9) extracted from wheat grains

Solubility: oil & water dispersible
Form: powder
Use level: 0.2
Preservative free



Skin balance

Purifying

CONTACTICEL™

Aqua/Water - Butylene Glycol -
Hydrolyzed Rhodophyceae Extract



Regulation of oily skin exposed to pollution

Benefits on volunteers

- Limits excessive sebum production for long-term visible benefits

Mode of action

- Regulation of lipids (-17%) in polluted cells exposed to urban dust
- Protection from the effects of heavy metals : (cell proteins, cell DNA) regulates inflammatory mediators (IL8 -18%, IL1 -49%)

Nature

Epiphytic macroalgae cells

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine -
Xylitylglycoside



Purity & protection from head to toe!

Benefits on volunteers

- Rebalances the microbiota to reduce disorders, protect & purify the skin
- Gentle purifying & odor reduction, ideal for sensitive skin

Nature

Natural Glycine & sugar Aminovector™

Solubility: water soluble
Form: liquid
Use level: 2.5 to 5%
Preservative free



LIPACIDE™ C8G

Capryloyl Glycine



Skin pH regulator, ideal for sensitive skin

Benefits on volunteers

- Helps restore the skin natural acidic pH

Mode of action

- Inhibits proliferation of germs responsible of acne & dandruff
- Limit excess of sebum.
- Improves the state of capillary seborrheic dermatitis (squamae, sebum, redness).

Nature

Glycine Aminovector™

Solubility: water soluble at pH 5-5.5
Form: powder
Use level: 1 to 2%
Preservative free



Deodorant

LIPACIDE™ UG

Undecylenoyl Glycine



Natural way to fight body odor

Benefits on volunteers

- Decreases intensity of perspiration odor by 21% (better than triclosan)
- 24 hour deodorant efficacy

Mode of action

- Staphylococcus epidermidis* MIC 0.05%
- Staphylococcus haemolyticus* MIC 0.025%
- Micrococcus luteus* MIC 0.001%
- Corynebacterium xerosis* MIC 0.001%

Nature

Glycine Aminovector™

Solubility: water soluble at pH 7
Form: powder
Use level: 1%
Preservative free



Oil control

PHLOROGINE™ BG PF

Aqua/Water - Butylene Glycol -
Laminaria Saccharina Extract



Skin purity restorer

Benefits on volunteers

- Reduction of sebum excess: -29.3% on 28 days
- 86% of the volunteers have find their skin less oily, less shiny

Mode of action

- Anti lipase: -73%
- Cell detoxification (up to -22%)

Nature

Royal sugar kelp

Solubility: water soluble
Form: liquid
Use level: 1 to 2%
Preservative free

Other version available

Plant-based & renewable
butylene glycol: PHLOROGINE™ CV



SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine -
Cinnamomum Zeylanicum Bark Extract



Limit sebum excess of acne prone skin

Benefits on volunteers

- Reduces the sebum production at the skin surface by 20%

Nature

Spicy cocktail of cinnamon & glycine Aminovector™

Solubility: hydrophilic
Form: brown liquid
Use level: 4%
Preservative free



SEPIMAT™ H10

Methyl Methacrylate Crosspolymer -
Paraffinum Liquidum - Silica



Shine surrenders: ultra matte & sublime skin

Benefits on volunteers

- Excellent oil absorption reduces shine leaving skin looking matte

Nature

Hollow spherical powder

Solubility: oil dispersible
Form: powder
Use level: 0.5 to 10%
Preservative free



SEPIMAT™ H10 FW

Methyl Methacrylate Crosspolymer -
Squalane



Insta Glam: velvety & matte finish

Benefits on volunteers

- Reduces shine & absorbs excess oils for a matte effect

Nature

Hollow spherical powder

Solubility: oil & water dispersible
Form: powder
Use level: 0.5 to 10%
Preservative free



Anti-blemish & Acne prone skin

SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine -
Cinnamomum Zeylanicum Bark Extract



Fight against the main causes of acne prone skin

Benefits on volunteers

- 78% less comedones
- 20% less sebum production

Mode of action

- Inhibits microbial growth: *P. acnes*, *S. aureus* & *S. epidermidis*
- Controls hyperkeratinization -60% less Filaggrin
- Helps to control inflammation: -73% of IL1α, -80% Elastase activity, -44% superoxide anion release, -71% bacterial lipase activity

Nature

Spicy cocktail of cinnamon & glycine Aminovector™

Solubility: hydrophilic
Form: brown liquid
Use level: 4%
Preservative free



SUBLIGANA™

Glycerin - Aqua/Water -
Harungana Madagascariensis Extract



Feel Sublime with a perfect skin

Benefits on volunteers

- Skin perfector: spot reduction (-34%) at D28 vs placebo

Mode of action

- Soothing effect: Lipase (-39%), IL-10 (+157%), IL-12 (-93%)
- Antioxidant: protective effect against lipid peroxidation (-79%)
- Dermopurifying effect (vs *P. acnes*)

Nature

Titrated extract of *Harungana* tree leaves

Solubility: water soluble
Form: liquid
Use level: 2%
Preservative free



Skin & Microbiota homeostasis

EQUIBIOME™

Propylene Glycol - Aqua/Water -
Arctium Lappa Root Extract



Balance reactive skin for a perfect harmony

Benefits on volunteers

- Relief for reactive skin
- Protective soothing properties: reduces skin redness (-60%) & limits stinging sensations (-20%) at D14 vs placebo
- Skin moisturizing activities: +58% skin water content at D7 vs placebo

Mode of action

- Skin-microbiota harmony promoter
- Improves keratinocyte-microbe tolerance
- Facilitates ecosystem biodiversity
- Reinforces barrier function

Nature

From sustainable Great Burdock roots

Solubility: water soluble
Form: liquid
Use level: 1 %
Preservative free



FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine -
Xylitylglucoside



Purity & protection from head to toe!

Benefits on volunteers

- Rebalances the microbiota to reduce disorders, protect & purify the skin: fight disorder-causing bacteria (*C. striatum*, *C. Acnes* & *M. Furfur*) while preserving the commensal bacteria *S. epidermidis*. Skin is rebalanced.

Nature

Natural Glycine & sugar Aminovector™

Solubility: water soluble
Form: liquid
Use level: 2.5 to 5%
Preservative free



TALADVANCE™

Glycerin - Aqua/Water -
Centella Asiatica Leaf Extract



Skin balance & dermal boosting with Talapetraka

Mode of action

- Dermal boosting & cellular viability: metabolism improvement (mTOR pathway: +147%) & cellular capacity maintenance (Survivin: +47%)
- Dermal protection (MMP-1: -54%)
- Anti-oxidant
- Epidermal balance: modulation of keratinocytes differentiation (IGFBP-3: x12)

Nature

The full essentials of *Centella*

Solubility: water soluble
Form: liquid
Use level: 2 to 5%
Preservative free



Hydration

Moisturization



AQUAXYL™

Xylitylglucoside - Anhydroxylitol -
Xylitol



A 3D hydration boosting Hyaluronic acid production

Benefits on volunteers

- Skin water content is increased at 8 hours, 2 weeks & 1 month

Mode of action

- Hyaluronic acid booster at epidermal +24% & dermal level +20%
- NMF is increased via the fillagrin degradation +66% for Caspase-14
- Water circulation is improved: Tight junctions cohesion & Aquaporin -3 +36%

Nature

Natural sugar complex

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



BIOPLASMA™ BG

Aqua/Water - Butylene Glycol* -
Plankton Extract**

*Plant-based & Renewable /**Plankton
Origin: (Species) *Scenedesmus Obliquus*



Hydration from the desert algae

Benefits on volunteers

- Decreases of TEWL after 2 hours: -6%

Nature

Desert microalgae

Solubility: water soluble
Form: liquid
Use level: 1%



CODIAVELANE™ BG PF

Butylene Glycol* - Aqua/Water -
Codium Tomentosum Extract

*Plant-based & Renewable



Marine moisturizing factor (MMF)

Benefits on volunteers

- Immediate & long-lasting hydration (+14% after 8 hours & 24 hours) vs T0
- Long lasting hydration (+11% after D28 vs. D0)

Mode of action

- Stimulates ceramides, cerebroside, cholesterol

Nature

Velvet algae

Solubility: water soluble
Form: liquid
Use level: 2%
Preservative free



OLIGOGELINE™ PF

Aqua/Water -
Chondrus Crispus Extract



Second skin ingredient

Benefits on volunteers

- TEWL: -38% after 2 hours

Nature

Carrageenans from extremophile red seaweed & marine minerals

Solubility: water soluble
Form: gel
Use level: 2 to 3%
Preservative free



SEPICALM™ S WP

Sodium Cocoyl Aminoacids -
Sarcosine - Potassium Aspartate -
Magnesium Aspartate



Increase skin comfort for sensitive skin

Benefits on volunteers

- Skin water content is increased for up to 5 hours after application: +15%

Nature

Minerals + Aminovector™ cocktail

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



Skin barrier

AQUAXYL™

Xylitylglycoside - Anhydroxylitol - Xylitol



24h skin lipids barrier regeneration

Benefits on volunteers

- The skin desquamation is decreased in dry skin: -25% in one month.
- The skin microrelief is smoothed: +30%
- -14% of TEWL in one month

Mode of action

- +139% increase in Ceramides 1 & 2 (no effect of glycerin) on human skin explants.
- +61% of a key enzyme involved in Cholesterol synthesis
- +96% increase for Loricrine
- +111% increase for Kallikrein-5 & +63% for Kallikrein-7

Nature

Natural sugar complex

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



HETEROSIDES

Centella Asiatica Leaf Extract



Multi-targeting skin barrier booster for Mature Skin

Benefits on volunteers

- TEWL reduction: -8% vs placebo (D28)
- Smoothing effect: -36% vs placebo (D28)
- Anti-wrinkle effect: -19% vs placebo (D56)

Mode of action

- Reinforce the "mortar" (Ceramides-2: +44%)
- Strengthen the "brick" envelop (Involucrin, Loricin, Filaggrin)
- Boost cell cohesion (tight junctions)
- Moisturize (AQP3: +29%) & soothe (PGE-2, IL-8, IL-1α)

Nature

Highly pure heterosides from *Centella* (≥ 70%)

Solubility: water soluble
Form: powder
Use level: 0.2%
Preservative free



Skin repair & integrity

Skin relief

CELTSOME™ CRITHMUM MARITIMUM

Crithmum Maritimum Callus Culture Filtrate



Accelerated repairing & soothing from biotechnologies

Mode of action

- Epidermis renewal by a factor of 5
- Reduces IL-1, IL-6, stimulates growth factors
- Stimulates collagen synthesis

Nature

Plant cells from sea fennel

Solubility: dispersible
Form: powder
Use level: 0.10%
Preservative free



TECA™

Asiaticoside - Madecassic Acid - Asiatic Acid



Iconic repairing agent

Mode of action

- Anti-oxidant: -68%
- ECM protection (MMP-1 & 9 up to -63%)
- Dermis boosting (fibroblast migration: +61%; α-Smooth Muscle Actin protein: +50%)

Nature

Titrated extract of *Centella asiatica* (TECA ≥ 95%)

Form: powder
Use level: 0.1 to 1%
Preservative free



Soothing: Redness & Reactivity

ANTILEUKINE 6™

Caprylic/Capric Triglyceride - Laminaria Ochroleuca Extract



Decrease the inflammation mediators

Benefits on volunteers

- *In vivo*: immediate soothing effect after 24h

Mode of action

- Decreases TNFα: -26% vs UVB
- Decreases LTB4: -29% vs UVB
- Decreases COX2: -29% vs UVB
- Decreases IL10: -26% vs UVB

Nature

Golden seaweed

Solubility: liposoluble
Form: liquid
Use level: 2%
Preservative free



EMBELIA EXTRACT

Glycerin - Aqua/Water - Embelia Concinna Leaf Extract



The natural "Hug of the forest": the best relief for reactive & sensitive skin

Benefits on volunteers

- Immediate & long term relief (stinging test)

Mode of action

- Soothing by reducing PGE2, LTB4 & Histamine release
- Skin barrier function reinforcement (Involucrin +46%; Loricin: +131%)

Nature

Titrated extract of *Embelia* leaves

Solubility: water soluble
Form: liquid
Use level: 2%
Preservative free



Soothing: Redness & Reactivity



MADECASSOSIDE

Madecassoside



Powerful soothing dermo-cosmetic active for atopy-prone skin

Benefits on volunteers

- Efficacy on atopic / psoriasis-prone skin from D14:
- Soothing effect (InflammAging) / itching reduction up to 70%
- Anti-redness (erythema reduction up to -25,7%)
- Moisturizing effect (desquamation & PASI score reduction -43,5%)
- Smoothing effect (Roughness score)

Mode of action

- ECM restructuring (Col I & Col III up to +49%)
- Respect of essential cell functions (TNF α & NFkB activation; SKALP: -60%; free radicals: -70%)
- Normalization of keratinocytes hyperproliferation
- Soothing effect (MMP-1: -61%)

Nature

Highly pure madecassoside from *Centella* ($\geq 95\%$)

Form: powder
Use level: 0.2 to 0.5%
Preservative free



ROSABORA™

Tambourissa Trichophylla Leaf Extract



A unique concentrate of polyphenols for anti-redness effect

Benefits on volunteers

- At 0.3%, -42% microcirculation at D28 on rosacea-prone skin
- Visible reduction of persistent redness from D28

Mode of action

- Modulation of "alert message transduction" (CAMP: -45%; KKK-7: -74%)
- Modulation of microcapillaries (THBS-1: +111%; HBD-2: -86%; VEGF: -71%)
- Soothing (PGE2: -26%; LTB4: -60%)
- Anti-free radicals effect after UVB-exposure: -12%

Nature

Highly pure polyphenols from *Ambora* ($\geq 45\%$)

Form: powder
Use level: 0.3%
Preservative free



SEA MAYWEED SC

Aqua/Water - Tripleurospermum Maritimum Extract



Anti-redness for sensitive skin

Benefits on volunteers

- 24% cutaneous reactivity
- 19% redness

Mode of action

- 24% IL1, -32% IL6, -29% PGE2 under UVB
- 27% substance P under capsaicin stress, inhibition of substance P receptor

Nature

Sea chamomile

Solubility: water soluble
Form: liquid
Use level: 1%



SEA STARWORT OIL

Caprylic/Capric Triglyceride - Aster Tripolium Extract



Skin barrier reinforcement for soothing efficacy

Benefits on volunteers

- Anti-redness: -15% the surface covered by the microcirculation network
- +12% complexion homogeneity after 28 days (scoring)
- +20% hydration after 4 hours in corneometry

Nature

Sea aster oil extract

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SEPICALM™ S WP

Sodium Cocoyl Amino Acids - Sarcosine - Potassium Aspartate - Magnesium Aspartate



The soothing & neurocosmetic mineral concept

Benefits on volunteers

- 74% redness after mechanical abrasion
- 25% redness after solar erythema
- 46% stinging sensation in 10 seconds

Mode of action

- +48% production of β -endorphins
- Targets the key inflammation pathway (NFkB): -32% of IL6 / -16% of IL8
- 78% of free radical induction (superoxide anion)
- 80% Elastase inhibition
- 100% Hyaluronidase inhibition
- 80% Lipo-oxygenase inhibition

Nature

Minerals + Aminovector™ cocktail

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



Calming: Seborrheic prone skin



SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract



Regulate inflammation induced by acne - Better than Salicylic acid

Mode of action

- Increases natural skin immune & anti-microbial defense
- +46% HBD2 (defensin)
- 73% IL1 induction
- 80% Elastase inhibition
- 44% free radicals induction (superoxide anion)

Nature

Spicy cocktail of cinnamon & glycine Aminovector™

Solubility: hydrophilic
Form: brown liquid
Use level: 4%
Preservative free



SUBLIGANA™

Glycerin - Aqua/Water - Harungana Madagascariensis Extract



Feel Sublime with a perfect skin

Benefits on volunteers

- Whitehead reduction (-34%) at D28 vs placebo

Mode of action

- Soothing effect: Lipase (-39%), IL10 (+157%), IL12 (-93%)
- Anti-oxidant: protective effect against lipid peroxidation (-79%)
- Dermopurifying effect (vs *P. acnes*)

Nature

Titrated extract of *Harungana* tree leaves

Solubility: water soluble
Form: liquid
Use level: 2%
Preservative free



For boosted efficacy & maximum comfort, combine with our bio-based emulsifiers promoting liquid crystals (p.51).

Body shape

Firming & Stretchmark control

KALPARIANE™

Caprylic/Capric Triglyceride -
Alaria Esculenta Extract



Firmness from pressure-resistant algae

Benefits on volunteers

- 90% of volunteers perceive improvement of firmness

Mode of action

- Anti-elastase: +84% elastin vs elastase
- Anti-collagenase: -20%
- Matricial PG: +21%

Nature

The Arctic winged kelp

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SCULPTOSANE™

Aqua/Water - Butylene Glycol -
Plankton Extract* - Arginine Ferulate

*Plankton Origin: (species)
Scenedesmus Obliquus



3D remodeling action

Benefits on volunteers

- Self evaluation: firmness improved after 28 days
- Decreases water retention

Mode of action

- Stimulates lipolysis: +38%
- Decreases autotaxin: -52%
- Anti-MMP1: -12%
- Stimulates fibronectin: +19%
- Stimulates laminin: +27%

Nature

Desert algae

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



Strengthen & rejuvenate the skin

Mode of action

- Contraction of collagen fibers: +14%
- Protection of extracellular matrix

Nature

Hydroxyproline Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%



TECA™

Asiaticoside - Madecassic Acid -
Asiatic Acid



Iconic blend of actives for stretchmarks

Mode of action

- Anti-oxidant (free radicals: -68%)
- Soothing (AP-1: -51%; MMP-1 & MMP-9 -63%; TSP-1: +34%)
- Dermis boosting (lattices: +14%)
- Fibroblasts migration: +61%

Nature

Titrated extract of *Centella asiatica* (TECA ≥ 95%)

Form: powder
Use level: 0.1 to 1%
Preservative free



Plumping

VOLUFORM™

Palmitoyl Isoleucine



Natural alternative to lipofilling for the bust

Benefits on volunteers

- "BUST Volufirming" technology for a push-up effect: Up to one cup size gained after 1 month
- Push-up effect for added beauty for 79% of volunteers

Mode of action

- VOLUfilling technology: stimulates the good fat & increases the volume of functional adipocytes

Nature

Isoleucine Aminovector™

Solubility: amphiphilic
Form: powder
Use level: 1%



Slimming

ADIPOLESS™

Butylene Glycol - Chenopodium
Quinoa Seed Extract



The "preventive" slimming active

Mode of action

- -90% formation of new blood vessels
- -91% differentiation of pre-adipocytes into mature adipocytes
- -70% MMP-9 synthesis

Nature

Quinoa extract

Solubility: water soluble
Form: liquid
Use level: 2%



ADIPOSLIM™

Sorbitan Laurate - Lauroyl Proline



The "curative" slimming active

Benefits on volunteers

- Reduces visually the cellulite aspect -12%
- Reduces by 11% the fat infiltration in the dermis

Mode of action

- -90% fatty acid entrance in adipocytes
- Increases lipolysis in male & female adipocytes (better than caffeine)
- +201% AMPc (lipolysis activator)
- -96% Phosphodiesterase-3 (lipolysis inhibitor)
- Adrenergic receptors (α2, β) regulation
- +60-62% fat recycled into ATP

Nature

Proline Aminovector™

Solubility: amphiphilic
Form: liquid
Use level: 3%
Preservative free



PHYCOBOREANE™ 2C

Aqua/Water - Laminaria Hyperborea Extract



Slimming activator

Mode of action

- Stimulates lipolysis

Nature

Giant kelp

Solubility: water soluble
Form: liquid
Use level: 5%



RHODYSTEROL™ STG

Caprylic/Capric Triglyceride - Gelidium
Cartilagineum Extract - Phytosterols



Body reshapar

Benefits on volunteers

- After 28 days thigh circumference decreases up to 1 cm
- Fatty tissue thickness decreases up to 7%
- Orange skin peel reduced by 15%

Mode of action

- Higher efficiency than caffeine (at lower dosage)

Nature

Stimulating deep red algae

Solubility: liposoluble
Form: liquid
Use level: 2 to 5%



SPA

FLAKES OF CHONDRUS CRISPUS

Chondrus Crispus Powder



Body modelling

Benefits

- Visible red algae for SPA treatment

Nature

Marine glitters

Solubility: dispersible
Form: glitters
Use level: 1 to 5%



MICRO ALGUE 80

Diatomaceous Earth



Renewing skin

Benefits

- Gentle peeling agent

Nature

Marine peeling

Solubility: dispersible
Form: powder
Use level: 2 to 5%



SEL GRAIN™

Sea Salt



Body purifying scrub

Benefits

- Pure crystal for a body shape

Nature

Salt of the sea

Solubility: water soluble
Form: crystals
Use level: 1 to 5%



Hair Care solutions at a glance

Prevent static electricity

SEA LAVENDER HC p.37

Purify scalp & fight dandruff

FLUIDIPURE™ 8G p.37

Help anti-frizz

ALARIANE™ p.36

Soothe & relax irritated scalp

FLUIDIPURE™ 8G p.37
SEPICALM™ SWP p.37

Keep softness & shine

BIORESTORER™ PF p.36
XYLISHINE™ p.37

Stimulate growth & density

BIOENERGIZER™ P BG PF p.36
SEPITONIC™ M3.0 p.38

Protect & boost colour

BLUE SEAKALE HC p.36
INULA HC p.37

Capillary hydration

XYLISHINE™ p.37

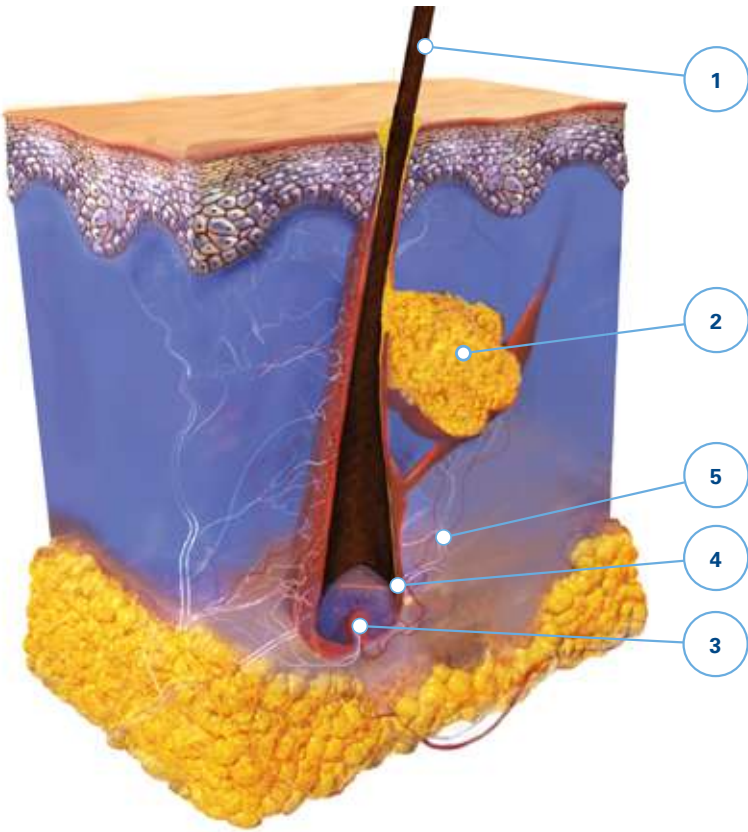
Fight age & daily stress, UV, pollution, brushing, airdry...

BLUE SEAKALE HC p.36
SEPICAP™ MP p.38

Protect & repair hair fiber

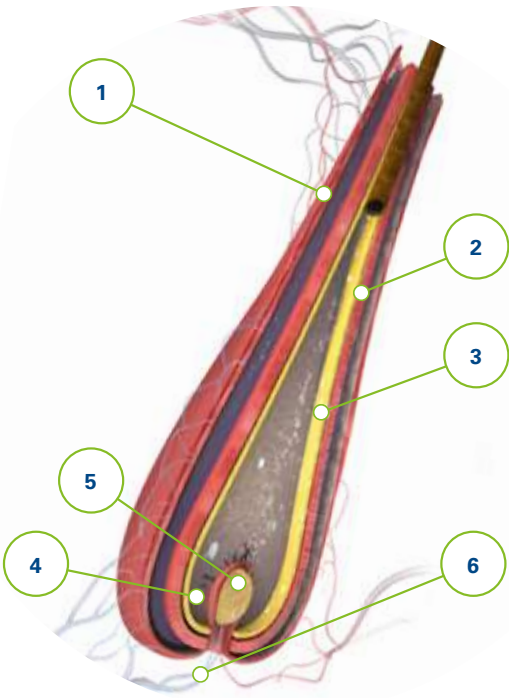
BIO EXTENDER™ SPE p.36
BIORESTORER™ PF p.36
SEPICAP™ MP p.37
XYLISHINE™ p.37

Hair biology



PILOSEBACEOUS UNIT

- 1 Hair Shaft
- 2 Sebaceous gland
- 3 Dermal papilla
- 4 Bulb
- 5 Vascular network

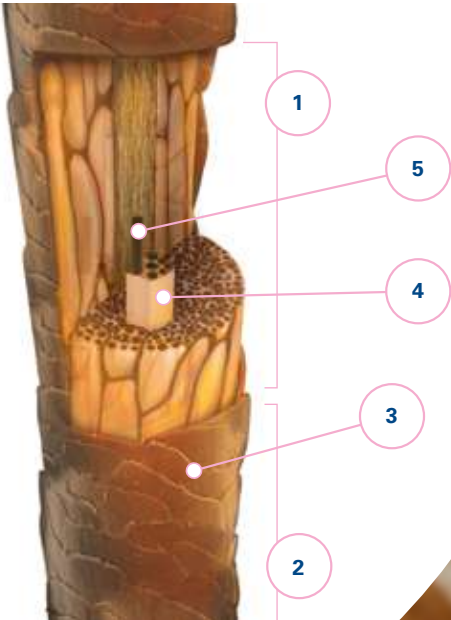


HAIR BULB

- 1 Connective tissue sheet
- 2 Outer root sheath
- 3 Inner root sheath
- 4 Matrix
- 5 Dermal papilla
- 6 Vascular network

HAIR LONGITUDINAL SECTION

- 1 Cortex
- 2 Cuticle
- 3 Scale
- 4 Macrofibrilla
- 5 Microfibrilla





Hair Care

Hair & Scalp care



ALARIANE™

Aqua/Water - Butylene Glycol -
Alaria Esculenta Extract



Help control & smoothe unruly hair

Hair benefits

- Immediate anti-frizz effect & curl definition on locks of ethnic hair

Mode of action

- Biomimetism with keratin components

Nature

The Arctic winged kelp

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



BIOENERGIZER™ P BG PF

Aqua/Water - Butylene Glycol* - Panthenol -
Propylene Glycol - Pelvetia Canaliculata
Extract - Laminaria Digitata Extract
*Plant-based & Renewable



Density & growth booster

Hair benefits

- Hair number: +10%
- Hair density: +27%

Nature

Vitality extract from two brown algae

Solubility: water soluble
Form: liquid
Use level: 5%
Preservative free



BIO EXTENDER™ SPE

Hydrolyzed Rhodophyceae Extract



Hair benefits

- Extension of hair fiber until breakage: +12%
- Eyelashes strengthener

Nature

Red algae from the deep sea

Solubility: water soluble
Form: liquid
Use level: 5%
Preservative free



BIORESTORER™ PF

Aqua/Water - Butylene Glycol -
Hypnea Musciformis Extract



Hair smoother

Hair benefits

- Restructures & smoothes hair
- Flattens & regulates cuticles

Nature

Tropical Hypnea

Solubility: water soluble
Form: liquid
Use level: 5%
Preservative free



BLUE SEAKALE HC

Aqua/Water - Butylene Glycol* -
Crambe Maritima Leaf Extract
*Plant-based & Renewable



Protect & boost coulour under stresses (hairdryer...)

Hair benefits

- Hair color protection after hot stresses

Nature

Highly salt-tolerant seekale

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



INULA HC

Caprylic/Capric Triglyceride - Inula
Crithmoide Leaf/Flower Extract



Intensify hair color

Hair benefits

- Immediate color intensifier (+19%)
- Cell proliferation: keratin fiber stimulation for regenerative & protective hair action

Nature

Golden samphire

Solubility: liposoluble
Form: liquid
Use level: 1%
Preservative free



SEA LAVENDER HC

Aqua/Water - Butylene Glycol -
Limonium Gerberi Extract



Reduce hair electricity

Hair benefits

- Reduces hair reactivity to static electricity

Nature

Immortal blue

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



SEPICAP™ MP

Sodium Cocoyl Amino Acids -
Potassium Dimethicone PEG-7
Panthenyl Phosphate



The anti-aging & daily stress protection

Hair benefits

- -71% of lipid peroxides at the hair surface
- -62% less damaged keratin at the hair surface
- Visible effect on the hair shaft with closed cuticles

Nature

Aminoacids, lipids & vitamin Aminovector™

Solubility: hydrodispersible
Form: liquid
Use level: 1 to 3%
Preservative free



XYLISHINE™

Xylitylglucoside - Anhydroxylitol -
Maltitol - Xylitol -
Pelvetia Canaliculata Extract



The shine of moisturized hair!

Hair benefits

- Tested *in vivo* (leave-on & rinse-off), the hair is glossier, smoother & stronger.

Mode of action

- At 3%, it closes the cuticles & locks the hair moisture: +30% of deep moisture (leave-on, 1 application)
- +9% of deep moisture (rinse-off, 10 applications)

Nature

Natural & bio-inspired sugars

Solubility: water soluble
Form: liquid
Use level: 3%



Scalp Care

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl
Glycine - Xylitylglucoside



*Decrease scalp irritation, dandruff,
control scalp oiliness & odors*

Benefits on volunteers

- Within 10 shampoos at 2.5%:
- Scalp irritation is gone
- Dandruff are drastically decreased
- No longer bad odors

Mode of action

- By rebalancing the scalp microbiota, it helps decrease dandruff & unpleasant odors on the scalp

Nature

Natural Glycine & sugar Aminovector™

Solubility: water soluble
Form: liquid
Use level: 2.5 to 5%
Preservative free



SEPICALM™ S WP

Sodium Cocoyl Amino Acids -
Sarcosine - Potassium Aspartate -
Magnesium Aspartate



The perfect soother for chemically irritated scalp

Benefits on scalp

- -46% of stinging sensation in 10 seconds

Mode of action

- Targets the key inflammation pathway (NfκB):
- -32% IL6
- -16% IL8

Nature

Minerals + Aminovector™ cocktail

Solubility: water soluble
Form: liquid
Use level: 3%
Preservative free



Scalp Care

SEPICAP™ MP

Sodium Cocoyl Amino Acids - Potassium Dimethicone PEG-7 Panthenyl Phosphate



Scalp daily defense

Mode of action

- +53% cell division even under aging conditions
- +87% of protein metabolism even under aging conditions
- +80% improved efficacy under heat stress

Nature

Aminoacids, lipids & vitamin Aminovector™

Solubility: hydrodispersible
Form: liquid
Use level: 1 to 3%
Preservative free



SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate - Copper Gluconate



Scalp energizer

Mode of action

- >80% protection against primary free radicals

Nature

Mineral-based cell fuel (zinc, copper, magnesium)

Solubility: water soluble
Form: liquid
Use level: 1%
Preservative free



Brown Seaweed

Marine extracts

Fucus vesiculosus

OLEAPHYCOL FV

Caprylic/Capric Triglyceride - Fucus Vesiculosus Extract

Solubility: oil
Preservative free



Fucus vesiculosus

SUPERPHYCO-D™ BG PF

Aqua/Water - Butylene Glycol - Algae Extract*

Solubility: water
Preservative free

*Algal Origin: Fucus Vesiculosus



Blue Seaweed

Spiruline

SPIRULINE AP

Aqua/Water - Butylene Glycol - Spirulina Platensis Extract

Solubility: water



Red Seaweeds

Algae cellular waters

HYDRALIXIR™ CC

Aqua/Water - Chondrus Crispus Extract - Gigartina Stellata Extract



Fundamental Fluid from a couple of red seaweeds

Benefits

- Plant-based water recovered from a couple of red algae (naturally filled with a high quality seawater / no fresh water intakes during growth / ethically harvested)
- Eco-designed algae cellular fresh water (by-product / energy saving technology)
- Natural alternative to replace a part of the water used in formulations (reduces the fresh water footprint of the formula)

Nature

Cellular water from *Chondrus crispus* & *Gigartina stellata*

Solubility: water soluble
Form: liquid
Use level: 10 to 50%



Brown Seaweed

HYDRALIXIR™ LD

Aqua/Water - Laminaria Digitata Extract



Brown algae Cellular Elixir

Benefits

- New source of plant-based water, recovered from a brown seaweed (naturally filled with a high quality seawater / no fresh water intakes during growth / certified from organic agriculture / ethically harvested)
- Eco-designed algae cellular fresh water (by-product / energy saving technology)
- Natural alternative to replace a part of the water used in formulations (reduces the fresh water footprint of the formula)

Nature

Cellular water from *Laminaria digitata*

Solubility: water soluble
Form: liquid
Use level: 10 to 50%



Inspiring formulas & concepts!

Looking for an **innovative texture**,
a **formulation solution** or
a **creative concept**?

BODY'licious
collection

● Moisturization & Comfort

#Nourishing #SensitiveSkin

EU07531 - D.I.Y. DERMOCOSMETIC BASE

High Stability Sensory Cream

EU07540 - HAND & BODY NOURISHING BALM

Hydrating & Soothing - COSMOS compliant

US20105 - CICA STICK

Nomadic Gesture for Sensitive Skins

AS40125 - DERMOCLOUD

Pampering Air Texture

● Perfuming Body Care

#NewGestures #On-the-Go

EU07536 - INNOVATIVE CARING PERFUME

Intensely Fragranced GELTRAP™

EU07537A - PERFUMING BODY MIST

Highly Fragranced & Protective Emulsion

● Hydration & Freshness

#WateryTextures #QuickDry

EU07539 - FRESH BODY YOGURT

Balancing Emulsion Inspired by Food

EU07538 - MARINE BODY SERUM

Firming & Refreshing Wave

Discover **seppic**'s inspiring formulas
thanks to our **new** powerful
search engine on **seppic.com!**



seppic shares with you
its formulation secrets

Follow us on:





POLYMERIC THICKENERS & STABILIZERS

*Unique performance
& attractive textures*

By adding emulsifying & texturing functions to polymeric structures, **SEPPIC Beauty Care reinvents formulation.** These must-have ingredients open a new world of creativity to formulators.

- Easy to use
- Multiple benefits
- An infinite source of unique sensory experiences

POLYMERIC THICKENERS & STABILIZERS

Anionic powders / Anionic latex / Natural gums
Cationic latex / Rinse-off application

44

A-Z Index

68



Anionic powders

SEPIMAX ZEN™

Polyacrylate Crosspolymer-6



Boost creativity with serenity

Benefits

- Maximum resistance to electrolytes
- Produces clear gels
- Suspending properties
- Highly compatible with ethanol & solvents
- Excellent tolerance for intimate hygiene application

Sensorial profile

- Rich & elegant velvety skin feel

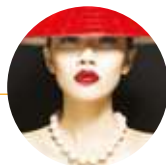
Type: anionic

Form: pre-neutralized powder

Function: thickening, stabilizing, suspending, texturizing

pH of use: 3-8

Preservative free



SEPINOV™ EMT 10

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer



Outstanding versatile power

Benefits

- Effective at low concentration
- Resistance to electrolytes
- Excellent oil stabilizing property
- Produces translucent gels
- DHA compatible
- Excellent tolerance for baby care, irritated skin, intimate hygiene & oral care

Sensorial profile

- Satiny touch, fresh, glide-on

Type: anionic

Form: pre-neutralized powder

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free



SEPINOV™ P88

Sodium Acrylate/Acryloyl Dimethyltaurate/Dimethylacrylamide Crosspolymer



EO free silky sensation

Benefits

- Polymer compatible with ethylene oxide free formulas
- Resistance to electrolytes
- DHA compatible

Sensorial profile

- Smooth texture & silky skin feel

Type: anionic

Form: pre-neutralized powder

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free

EO free



SEPINOV™ WEO

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer



EO free universal concept

Benefits

- Universal polymer compatible with ethylene oxide free formulas
- Resistance to electrolytes
- DHA compatible

Sensorial profile

- Satiny & light touch

Type: anionic

Form: pre-neutralized powder

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free

EO free



Anionic latex

SEPIGEL 305™

Polyacrylamide - C13-14 Isoparaffin - Laureth-7



The original solution

Benefits

- The original solution as multifunctional polymer

Sensorial profile

- Soft & rich

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free



SEPLIFE™ NUDE

Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - C15-19 Alkane* - Polyglyceryl-6 Laurate* - Polyglycerin-6*

*Plant-based & Renewable



Sustainably designed with nude skin feel

Benefits

- Oil & surfactant from natural origin
- Inherently biodegradable
- Compatible with ethylene oxide free formulas
- Can be used as the primary emulsifier or thickener
- For sprayable, fluid or thick formulas

Sensorial profile

- Quick-break & nude skin feel

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-12

Preservative free

EO free



SEIPLUS™ 265

Acrylamide/Ammonium Acrylate Copolymer - Polyisobutene - Polysorbate 20



Concentrated & Powerful

Benefits

- Concentrated latex
- Resistance to electrolytes

Sensorial profile

- Velvet texture, glide-on sensation & easy spreading

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-12

Preservative free



SEIPLUS™ 400

Polyacrylate-13 - Polyisobutene - Polysorbate 20



Gliding & elegant touch

Benefits

- Concentrated latex
- Resistance to electrolytes

Sensorial profile

- Silicone touch, glide-on sensation & easy spreading

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free



SEIPLUS™ S

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - PEG-7 Trimethylolpropane Coconut Ether



Absolute comfort

Benefits

- Concentrated latex
- Excellent resistance to electrolytes
- DHA compatible

Sensorial profile

- Long lasting comfortable sensation

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free



SIMULGEL™ 600

Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80



305 remodeled

Benefits

- Alternative choice to SEPIGEL 305™

Sensorial profile

- Soft & supple

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-12

Preservative free



SIMULGEL™ EG

Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80



Excellent gentleness

Benefits

- For sprayable fluid to thick formulas

Sensorial profile

- Soft & light texture

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-12

Preservative free



SIMULGEL™ EG QD

Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80



QD approved liquid polymer

Benefits

- For sprayable fluid to thick formulas

Sensorial profile

- Soft & light texture

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-12

Preservative free



SIMULGEL™ EPG

Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - Caprylyl/Capryl Glucoside



Eco Polymer Generation

Benefits

- Compatible with ethylene oxide free formulas

Sensorial profile

- Soft & light texture

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-12

Preservative free

EO free



SIMULGEL™ FL

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60



Easily stabilize fluid formulations

Benefits

- Perfect stabilizer for fluid emulsions
- DHA compatible

Sensorial profile

- Soft & light texture

Type: anionic
Form: pre-neutralized liquid
Function: thickening, stabilizing, texturizing
pH of use: 3-12
Preservative free



SIMULGEL™ I-NS 100

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60



Spray it, pour it & spread it

Benefits

- Versatile polymer
- For sprayable, ultra fluid to thick formulas
- DHA compatible

Sensorial profile

- Quick break fresh texture

Type: anionic
Form: pre-neutralized liquid
Function: thickening, stabilizing, texturizing
pH of use: 3-12
Preservative free



SIMULGEL™ NS

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Squalane - Polysorbate 60



Bio-based solution for sprayable to thick texture

Benefits

- Based on vegetable squalane
- For sprayable, ultra fluid to very thick formulas
- DHA compatible

Sensorial profile

- Fresh, melting texture

Type: anionic
Form: pre-neutralized liquid
Function: thickening, stabilizing, texturizing
pH of use: 3-12
Preservative free



SIMULGEL™ SMS 88

Sodium Acrylate/ Acryloyldimethyltaurate/ Dimethylacrylamide Crosspolymer - Isohexadecane - Polysorbate 60



Smooth multi solutions

Benefits

- DHA compatible

Sensorial profile

- Cushiony texture, rich & supple

Type: anionic
Form: pre-neutralized liquid
Function: thickening, stabilizing, texturizing
pH of use: 3-12
Preservative free



Natural gums

GELALG™ SPE

Aqua/Water - Carrageenan



The marine alternative

Benefits

- The marine silicone
- Base for gels & serums
- Glide booster + stick eraser

Sensorial profile

- Smoothness without sticky effect

Type: anionic
Form: gel
Function: texturizing, thickening film-forming



SOLAGUM™ AX

Acacia Senegal Gum - Xanthan Gum



Film-forming stabilizer

Benefits

- Original combination of natural polymers
- Sensory improvement in formulations
- Produces translucent gels
- Suspending properties
- Sustainable development concept

Sensorial profile

- Aesthetic moisturizing sensation

Type: anionic
Form: powder
Function: thickening, stabilizing, suspending, texturizing
Preservative free
EO free
100% bio-based content on dry matter



SOLAGUM™ TARA

Caesalpinia Spinosa Gum



Boost viscosity & define texture

Benefits

- Polysaccharide (Galactomannan) 100% plant origin
- Powerful thickening natural gum
- Texturizing agent
- Resistance to electrolytes
- Synergistic efficiency with SEPIMAX™ ZEN & SEPINOV™ range

Sensorial profile

- Infinite & comfortable softness

Type: non ionic
Form: powder
Function: thickening, texturizing, stabilizing
Preservative free
EO free
100% bio-based content on dry matter



Cationic latex

SIMULQUAT™ HC 305

Acrylamidopropyltrimonium Chloride/ Acrylates Copolymer - Isohexadecane - Coceth-7



Cationic texturizer

Benefits

- Compatible with cationic actives & surfactants
- Cold processable
- Creates a variety of textures: unctuous creams to fine sprays
- Stabilizes a wide range of oils including silicones
- Excellent solvent compatibility
- Pre-neutralized

Sensorial profile

- Silicone like feel

Type: cationic
Form: pre-neutralized liquid
Function: thickening, stabilizing
Preservative free



Rinse-off application

CAPIGEL 98™

Acrylates Copolymer



Clearly superior

Benefits

- Excellent thickener for sulfated surfactant systems
- After neutralization (pH>6.5), it instantly thickens aqueous media
- Produces transparent gels
- Very good resistance to electrolytes & polar solvents
- Can be used in sprayable formulas

Sensorial profile

- Playful textures

Type: anionic
Form: liquid
Function: thickening
Preservative free



SEPIMAX ZEN™

Polyacrylate Crosspolymer-6



Boost creativity with serenity

Benefits

- Maximum resistance to electrolytes
- Produces clear gels
- Suspending properties
- Highly compatible with ethanol & solvents
- Excellent tolerance for intimate hygiene application

Sensorial profile

- Brings softness to the lather

Type: anionic
Form: pre-neutralized powder
Function: thickening, stabilizing, suspending, texturizing
pH of use: 2-8
Preservative free



SOLAGUM™ AX

Acacia Senegal Gum - Xanthan Gum



Film-forming stabilizer

Benefits

- Original combination of natural polymers
- Sensory improvement in formulations
- Produces translucent gels
- Suspending properties
- Sustainable development concept

Sensorial profile

- Aesthetic moisturizing sensation

Type: anionic
Form: powder
Function: thickening, stabilizing, suspending, texturizing
Preservative free
EO free
100% bio-based content on dry matter



SOLAGUM™ TARA

Caesalpinia Spinosa Gum



Elegant booster

Benefits

- Polysaccharide (Galactomannan) 100% plant origin
- Texturizing agent
- Resistance to electrolytes
- Synergistic efficiency with SEPIMAX™ ZEN & SEPINOV™ range

Sensorial profile

- Hair wrapped in softness

Type: non ionic
Form: powder
Function: thickening, texturizing, stabilizing
Preservative free
EO free
100% bio-based content on dry matter





EMULSIFIERS

Smart green consciousness solutions

Based on raw materials of plant origin, alcohols & fatty acids, sugars & aminoacids, **SEPPIC Beauty Care eco-designs responsible chemistry** suited for Personal Care. SEPPIC's green specialities ensure:

- Performance
- Efficacy
- Safety
- Pleasurable use

EMULSIFIERS

Specialty bio-based emulsifiers / Others

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Emulsifiers

Specialty bio-based emulsifiers

EASYNOV™

Octyldodecanol - Octyldodecyl
Xyloside - PEG-30
Dipolyhydroxystearate



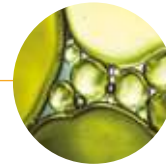
Ecological emulsifier for well-being

Benefits

- Emulsifier for conventional W/O emulsions even rich in water with a cold process
- Key ingredient to create GELTRAP™ emulsions extra-rich in water with a low shear (low energy consumption) & cold process

Sensorial profile

- Conventional W/O emulsions: soft, silky, easy to spread & non sticky skin feel
- GELTRAP™ emulsions: fresh, soft, cushion & comfortable sensation



Form: liquid
Function: W/O emulsifier,
GELTRAP™ emulsifier
Preservative free

FLUIDANOV™ 20X

Octyldodecanol - Octyldodecyl
Xyloside



Multi-functional co-emulsifier

Benefits

- PEG-free co-emulsifier for conventional W/O emulsions with a cold process
- Key ingredient to create PEG-free GELTRAP™ emulsions
- Texturizing effect for cream gels & O/W emulsions
- Good pigment dispersing agent

Sensorial profile

- Conventional W/O emulsions: soft, silky, easy to spread & non sticky skin feel
- GELTRAP™ emulsions: fresh, soft, cushion & comfortable sensation
- Cream gels and O/W emulsions: soft & emollient skin feel



Form: liquid
Function: W/O co-emulsifier,
GELTRAP™ co-emulsifier
Preservative free

FLUIDIFEEL™ EASY

Lauryl Glucoside - Myristyl Glucoside -
Polyglyceryl-6 Laurate



The emulsifier for fast & easy fluid formulations

Benefits

- Easily creates fluid & sprayable formulations
- Good emulsifying performances
- Versatility with different oil types, up to 60% of oils
- Hot & cold processable - Save time & energy during process

Sensorial profile

- Soft & light skin feel
- Naked skin effect



Form: liquid to semi-solid
Function: O/W emulsifier
Preservative free

MONTANE™ 481 VG

Sorbitan Oleate - Beeswax -
Hydrogenated Castor Oil - Stearic Acid



The cold-cream base

Benefits

- Non-ionic lipophilic emulsifier derived from vegetable origin.
- Various consistencies

Sensorial profile

- Rich & thick skin barrier protection



Form: waxy solid
Function: W/O emulsifier
Preservative free

MONTANOV™ 14

Myristyl Alcohol - Myristyl Glucoside



Co-emulsifier & green consistency agent

Benefits

- Helps to increase the emulsion viscosity & stability

Sensorial profile

- Neutral skin feel



Form: solid pellets
Function: O/W co-emulsifier
texturizing agent
Preservative free

MONTANOV™ 202

Arachidyl Alcohol - Behenyl
Alcohol - Arachidyl Glucoside



Light & mattifying touch

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils (40% - 60%)
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours
- High pigment compatibility
- Good compatibility with H2O2
- Fluid to cream textures

Sensorial profile

- Soft, light & matte finish



Form: solid pellets
Function: O/W emulsifier
Preservative free

MONTANOV™ 68 MB

Cetearyl Alcohol -
Cetearyl Glucoside



The bio-based pioneer

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils (40% - 60%)
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours
- Cream to thick cream textures

Sensorial profile

- Soft, rich & unctuous skin feel



Form: solid pellets
Function: O/W emulsifier
Preservative free

MONTANOV™ 82

Cetearyl Alcohol - Coco-Glucoside



Versatile performance

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils (40% - 60%)
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours
- Good compatibility with organic & inorganic sunscreens
- High pigment compatibility
- Versatile textures: from spray to thick creams

Sensorial profile

- Soft, rich & unctuous skin feel



Form: solid pellets
Function: O/W emulsifier
Preservative free

MONTANOV™ L

C14-22 Alcohols -
C12-20 Alkyl Glucoside



Creator of endless textures

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils (40% - 60%)
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours & up to 24 hours in combination with AQUAXYL™
- High pigment compatibility
- Versatile textures: from spray to thick creams

Sensorial profile

- Soft & light skin feel



Form: solid pellets
Function: O/W emulsifier
Preservative free

MONTANOV™ S

Coco-Glucoside - Coconut Alcohol



Excellent universal co-emulsifier

Benefits

- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours
- Good compatibility with organic & inorganic sunscreens
- Texturizing agent for foaming formulas

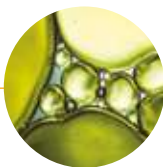
Sensorial profile

- Neutral skin feel



Form: solid pellets
Function: O/W emulsifier
Preservative free

Specialty bio-based emulsifiers



SENSANOV™ WR

C20-22 Alkyl Phosphate -
C20-22 Alcohols



Softness & water resistance

Benefits

- Extraordinary emulsifying properties: emulsifies easily all types of oils up to 50%.
- Good compatibility with organic & inorganic sunscreens
- High pigment compatibility
- Water resistant property
- Fluid to cream textures

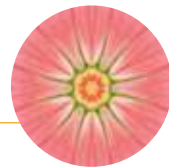
Sensorial profile

- Light, velvet & powdery skin feel

Form: solid flakes
Function: O/W emulsifier
Preservative free



Others



CIRE DE LANOL CTO

Cetearyl Alcohol - Ceteareth-33



Form: solid flakes
Function: O/W self emulsifying base

HLB= 15.6
Preservative free



MONTANE™ 20

Sorbitan Laurate



Form: liquid
Function: lipophilic emulsifier
HLB= 8.6

Preservative free



MONTANE™ 60

Sorbitan Stearate



Form: solid flakes
Function: lipophilic emulsifier
HLB= 4.7

Preservative free



MONTANE™ 70

Sorbitan Isostearate



Form: liquid
Function: lipophilic emulsifier
HLB= 4.3

Preservative free



MONTANE™ 80 VG

Sorbitan Oleate



Form: liquid
Function: lipophilic emulsifier
HLB= 4.3

Preservative free



MONTANE™ 83 VG

Sorbitan Sesquioleate



Form: liquid
Function: lipophilic emulsifier
HLB= 3.7

Preservative free



MONTANOX™ 20 DF

Polysorbate 20



Form: liquid
Function: hydrophilic emulsifier solubilizing agent

HLB= 16.7
Preservative free



MONTANOX™ 60 DF

Polysorbate 60



Form: waxy solid
Function: hydrophilic emulsifier
HLB= 14.9

Preservative free



MONTANOX™ 80 VG DF

Polysorbate 80



Form: liquid
Function: hydrophilic emulsifier, solubilizing agent

HLB= 15
Preservative free



SIMULSOL™ 165

PEG-100 Stearate - Glyceryl Stearate



Form: solid pellets
Function: O/W self emulsifying base

HLB= 11
Preservative free



SIMULSOL™ 58

Ceteth-20



Form: solid flakes
Function: hydrophilic emulsifier
HLB= 15.7

Preservative free



SIMULSOL™ 68 PHA

Ceteareth-22



Form: solid flakes
Function: hydrophilic emulsifier
HLB= 15.5

Preservative free



SIMULSOL™ 98

Oleth-20



Form: solid
Function: hydrophilic emulsifier, solubilizing agent

HLB= 15.6
Preservative free



SIMULSOL™ CS

Ceteareth-33



Form: solid flakes
Function: hydrophilic emulsifier
HLB= 16.2

Preservative free





SENSORY INGREDIENTS

A palette of solutions & sensations

Our expertise in sensorial & texture analysis, together with our constant follow-up of future market trends brings you creative ideas & inspirational formulations.

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Emollients

Texturizing agents



EMOGREEN™⁽¹⁾ C69

C15-19 Alkane* - Coco-Caprylate/Caprate
*Plant-based & Renewable



Cocoon Green Emollient

Benefits
• Biodegradable sensory alternative to Dimethicone in formulation

Sensorial profile
• A Soft, extra-comfortable & powdery veil

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 8.6 mPa.s
Use level: 0.5 to 70%
Preservative free



EMOGREEN™⁽¹⁾ L15

C15-19 Alkane*
*Plant-based & Renewable



Very light bio-based emollient

Benefits
• Biodegradable alternative to volatile silicone oil

Sensorial profile
• Fresh & gliding sensation, powdery afterfeel

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 4.5 mPa.s
Preservative free



EMOGREEN™⁽¹⁾ L19

C15-19 Alkane*
*Plant-based & Renewable



Light bio-based emollient

Benefits
• Biodegradable alternative to silicone oil

Sensorial profile
• Fresh & gliding sensation, soft afterfeel

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 9 mPa.s
Preservative free



EMOSMART™⁽²⁾ C28

C21-28 Alkane



Cocoon emollient

Benefits
• Excellent compatibility with esters, vegetable, mineral oils

Sensorial profile
• Fresh texture, extra comfortable finish

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 26 mPa.s
Preservative free

EMOSMART™⁽²⁾ L15

C13-15 Alkane



Very light emollient

Benefits
• Excellent compatibility with silicone, esters, vegetable and mineral oils

Sensorial profile
• Fresh & vanishing texture, dry & matt veil

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 4.5 mPa.s
Preservative free

EMOSMART™⁽²⁾ L19

C15-19 Alkane



Light emollient

Benefits
• Excellent compatibility with esters, vegetable, mineral oils
• Helps to disperse minerals (TiO₂/ZnO)

Sensorial profile
• Fresh & vanishing texture, matt veil

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 8.5 mPa.s
Preservative free



EMOSMART™⁽²⁾ V21

C18-21 Alkane



Versatile emollient

Benefits
• Excellent compatibility with esters, vegetable, mineral oils

Sensorial profile
• Fresh texture, soft finish & matt veil

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 13.5 mPa.s
Preservative free

LANOL 1688

Cetearyl Ethylhexanoate



Comfortable emollient

Benefits
• Water repellent

Sensorial profile
• Soft & light

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 16 mPa.s
Preservative free



LANOL 2681

Coco-Caprylate/Caprate



Green universal oil

Benefits
• Superfating agent

Sensorial profile
• Soft & light

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 9 mPa.s
Preservative free



LANOL 37 T

Triheptanoin



Suncream aid

Benefits
• Solubilizes organic sunscreens

Sensorial profile
• Soft & light

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 100 mPa.s
Preservative free



LANOL 99

Isononyl Isononanoate



Liquid silk

Benefits
• Excellent compatibility with silicone oils

Sensorial profile
• Soft & light

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 6 mPa.s
Preservative free



Waxes

LANOL 14 M

Myreth-3 Myristate



Melting provider

- Benefits**
- Helps to improve the texture & stability of emulsion
- Sensorial profile**
- Soft, rich & unctuous skin feel
 - Easy to spread

Melting point: ~30°C
Form: waxy solid
Function: consistency agent; O/W co-emulsifier
Preservative free



LANOL P ECAILLES

Glycol Palmitate



Elegant vanishing wax

- Benefits**
- Helps to improve the texture & stability of emulsion
- Sensorial profile**
- Soft, rich & unctuous skin feel
 - Easy to spread

Melting point: 60-65°C
Form: solid flakes
Function: consistency agent
Preservative free



MONTANOV™ 14

Myristyl Alcohol -
Myristyl Glucoside



Green texturizer

- Benefits**
- Green consistency agent providing stable viscosity in different storage conditions
- Sensorial profile**
- Neutral skin feel
 - Easy to spread

Melting point: 46-50°C
Form: solid pellets
Function: consistency agent, O/W co-emulsifier
Preservative free



SEPIFEEL™ ONE

Palmitoyl Proline -
Magnesium Palmitoyl Glutamate -
Sodium Palmitoyl Sarcosinate



Sensorial enhancer

- Benefits**
- Helps to improve the texture & stability of emulsions
 - Helps to disperse pigments
- Sensorial profile**
- Rich, unctuous & creamy skin feel

Melting point: 46-60°C
Form: solid granules
Function: texturizer, O/W co-emulsifier
Preservative free



Powders

PHYCOCORAIL™

Lithothamnion Calcareum Powder -
Mannitol - Diatomaceous Earth -
Zinc Sulfate



Ocean powder

- Mode of action**
- 30% oil absorption
 - Anti shine
 - High porosity, very large specific surface
- Sensorial profile**
- Matte & dry effect

Solubility: hydro & lipo-dispersible
Use level: 1 to 3%
Form: powder
Particle size: <100 µ
Preservative free



SEPIFINE™ BB

Amylopectin



Bio-sourced texturizer

- Benefits**
- 100% biosourced
 - Readily biodegradable
 - Ultra soft powder
 - Oil absorption
- Sensorial profile**
- Soft & Velvety afterfeel

Solubility: hydro & lipo-dispersible
Form: powder
Particle size: 10 to 30 µ
Function: texturizing agent
Use level: 1 to 10%
Preservative free



SEPIMAT™ CP 5

Methyl Methacrylate Crosspolymer



Quintessential texture

- Benefits**
- Ultra-soft solid microspheres with a smooth surface
 - Leaves a soft & powdery feel onto the skin with a matte finish
- Sensorial profile**
- Powdery & light sensation

Solubility: hydro & lipo-dispersible
Form: powder
Function: texturizer
Particle size: 5 to 15 µ
Preservative free



SEPIMAT™ H10

Methyl Methacrylate Crosspolymer -
Paraffinium Liquidum - Silica



Pure texture

- Benefits**
- Hollow (Hemispherical shape) powder
 - Excellent absorption & matifying properties
 - Easy to press & perfect for loose, hot poured & pressed powder applications as well as emulsions
- Sensorial profile**
- Ultra soft afterfeel

Solubility: lipodispersible
Form: powder
Function: texturizer
Particle size: 5 to 15 µ
Preservative free



SEPIMAT™ H10 FW

Methyl Methacrylate Crosspolymer -
Squalane



Pure texture

- Benefits**
- Hollow hemispheres with a smooth surface that deliver softness & a matte effect in formulation
 - Excellent oil absorption capacity
 - Elaborated with vegetable based oil
- Sensorial profile**
- Ultra soft afterfeel

Solubility: hydro & lipo-dispersible
Form: powder
Function: texturizing agent
Particle size: 5 to 15 µ
Preservative free



SEPIMAT™ HB V

Methyl Methacrylate Crosspolymer



Opulent & majestic texture

- Benefits**
- Hollow & ultra light microspheres that impart a “powdery” effect at low use levels (0.5%) especially in formulas containing low levels of oily materials (O/W, W/O or W/Si emulsions)
- Sensorial profile**
- Powdery textures
 - Ultimate softness & silky afterfeel

Solubility: hydro & lipo-dispersible
Form: powder
Function: texturizing agent
Particle size: 5 to 15 µ
Preservative free



SEPIMAT™ P

Polymethyl Methacrylate



Hydro-crazy texture

- Benefits**
- Solid & smooth, sphere : perfect choice for all types of skin care formulation
- Sensorial profile**
- Soft afterfeel

Solubility: hydro-dispersible
Form: powder
Function: texturizing agent
Particle size: 5 to 15 µ
Preservative free



SEPIMAT™ SB

Methyl Methacrylate Crosspolymer



A Jack of all textures!

- Benefits**
- Absorbent, soft microspheres ideal for soft skin & matte appearance
 - Versatile and easy-to-disperse powder is suitable for all types of formulations
 - Adapted for fluid or sprayable formulations due to its fine granulometry
- Sensorial profile**
- Barely there, powdery nude skin feel

Solubility: hydro & lipo-dispersible
Form: powder
Function: texturizing agent
Particle size: 1 to 5 µ
Preservative free



SEPIPRESS™ M

Acrylates Copolymer - Silica



Camera-ready flawless textures

- Benefits**
- Soft matifying powder
 - Supple & deformable small beads
 - Creates pressed powders that are easy to pick up & shock-resistant
 - Excellent candidate for all types of anhydrous formulations
- Sensorial profile**
- Silky smooth, powdery afterfeel

Solubility: lipodispersible
Form: powder
Function: texturizing agent
Particle size: 5 to 15 µ
Preservative free



FUNCTIONAL ADDITIVES

Playful softness & protection

Specially designed for
gentle cleansing, sensorial foams
& softly protected beauty care.

FOAMING & SOLUBILIZING AGENTS

Aminoacid derived surfactants / Glucose based
surfactants / Specific blends / Others

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PRESERVATIVES & BOOSTERS

Preservatives / Boosters

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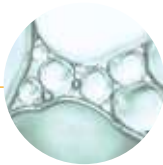
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Foaming & Solubilizing agents

Aminoacid derived surfactants



ORAMIX™ L 30

Sodium Lauroyl Sarcosinate



- Benefits**
- Superior foaming ability to SLES
 - Produces a soft & abundant foam

Sensorial profile

- Light & soft foam

Type: anionic
Form: liquid
Function: foaming
Dry extract: 30%



PROTEOL™ APL EF

Sodium Cocoyl Apple Amino Acids



- Benefits**
- Excellent foaming ability
 - Foam volume and sensory booster with SLES
 - Excellent tolerance for skin & eyes

Sensorial profile

- Dense & unctuous foam

Type: anionic
Form: liquid
Function: foaming, pigment wetting
Dry extract: 32%
Preservative free



PROTEOL™ OAT PF

Sodium Lauroyl Oat Amino Acids



- Benefits**
- Derived from amino acids characteristic of oats
 - Provides a stable, rich foam, very gentle for the skin & the hair
 - Maintains the integrity of the skin barrier

Sensorial profile

- Dense & unctuous foam

Type: anionic
Form: liquid
Function: foaming, pigment wetting
Dry extract: 30%
Paraben-free



Glucose based surfactants



ORAMIX™ CG 110

Caprylyl/Capryl Glucoside



100% bio-based foaming & solubilizing

- Benefits**
- Gentle cleansing agent
 - Provides a light foam
 - Ideal for solubilizing essential oils, fragrances & cationic surfactants in foaming formulas

Sensorial profile

- Light foam

Type: non-ionic
Form: liquid to paste
Function: foaming, solubilizing, co-emulsifying
Dry extract: 60%



ORAMIX™ NS 10

Decyl Glucoside



100% bio-based high foaming power

- Benefits**
- Very well tolerated gentle cleanser
 - Maintains the biological equilibrium of the skin

Sensorial profile

- Light & abundant foam

Type: non-ionic
Form: liquid
Function: foaming
Dry extract: 55%



SEPICLEAR G7™

Heptyl Glucoside



100% bio-based hydrophilic stabilizer

- Benefits**
- Excellent solubilizer/co-emulsifier
 - Good wetting properties
 - Non-foaming surfactant
 - Concentrated hydrotrope
 - Resistant in extreme pH

Type: non-ionic
Form: liquid
Function: solubilizer, hydrotropic agent, co-emulsifying
Dry extract: 70-75%
100% bio-sourced



Specific blends



ORAMIX™ GB 10

Decyl Glucoside - Cocamidopropyl Betaine



The cold climate optimal blend

- Benefits**
- Compatible with all surfactants regardless the type

Sensorial profile

- Abundant & stable foam

Type: non-ionic/ amphoteric
Form: liquid
Function: foaming
Dry extract: 40%



ORONAL LCG E OD

PEG-40 Glyceryl Cocoate - Sodium Coceth Sulfate



Extreme mildness

- Benefits**
- Colorless & odorless surfactant
 - Outstanding eye & skin tolerance
 - Ideal for micellar water & facial cleansers
 - Ideal for sensitive & fragile skin

Sensorial profile

- Soft foam

Type: non-ionic/anionic
Form: liquid
Function: foaming
Dry extract: 50%
Preservative free



Others

AMONYL™ 380 BA

Cocamidopropyl Betaine



- Betaine
- Provides a fine foam that is stable over time
- Stabilizes & boosts the foam of anionic surfactants

Type: amphoteric
Form: liquid
Dry extract: 35%

Function: foaming
Preservative free



AMONYL™ 675 SB

Cocamidopropyl Hydroxysultaine



- Sulfobetaine
- Substantivity enhanced at acidic pH values
- Provides light foam stable over time
- Good thickening synergy with anionic surfactants

Type: amphoteric
Form: liquid
Dry extract: 50%

Function: foaming



MONTANOX™ 20 DF

Polysorbate 20



- Excellent solubilizing agent

Type: non-ionic
Form: liquid
HLB= 16.7

Function: solubilizer, hydrophilic emulsifier



MONTANOX™ 80 VG DF

Polysorbate 80



- Solubilizing agent

Type: non-ionic
Form: liquid
HLB= 15

Function: solubilizer, hydrophilic emulsifier



SIMULSOL™ 1292 DF

PEG-25 Hydrogenated Castor Oil



- Non-ionic solubilizing surfactant
- Solubilizer for essential oils & cosmetic active ingredients

Type: non-ionic
Form: liquid
HLB= 11

Function: solubilizer
Preservative free



SIMULSOL™ 1293

PEG-40 Hydrogenated Castor Oil



- Non-ionic solubilizing surfactant
- Solubilizer for essential oils preservatives & cosmetic active ingredients

Type: non-ionic
Form: liquid to paste
HLB= 14

Function: solubilizer
Preservative free



SIMULSOL™ 220 TM

PEG-200 Glyceryl Stearate



- Non-ionic surfactant
- Thickener for foaming formulas
- Reduces irritation caused by SLES

Type: non-ionic
Form: wax

Function: thickener
Preservative free



SIMULSOL™ 98

Oleth-20



- Excellent solubilizing agent

Type: non-ionic
Form: liquid
HLB= 15.6

Function: solubilizer, hydrophilic emulsifier, lubricant
Preservative free



Scrubs

Scrubs

MICRO ALGUE 80

Diatomaceous Earth (Solum Diatomeae)



Marine peeling

Benefits

- Gentle peeling agent

Sensorial profile

- Soft

Form: powder
Function: exfoliating
Particle size: between 250 & 400 µ
Preservative free



SEL GRAIN™

Sea Salt



Salt of the sea

Benefits

- Pure crystal for a body shape

Form: powder
Function: exfoliating
Particle size: <2 mm
Preservative free





Preservatives & Boosters

Preservatives

AMINAT® G

Glycerin - Ethyl Lauroyl Arginate HCl



The "natural & green" preservative

- Benefits**
- It presents a very large spectrum, efficacious at low levels, biodegradable, non irritant for eyes or skin
 - Ideal for sensitive & fragile skins
 - Large MIC & challenge tests values
 - Identified mechanism of action

Solubility: water soluble
Form: liquid



SEPICIDE™ HB

Phenoxyethanol - Methylparaben - Ethylparaben - Propylparaben - Butylparaben



- Benefits**
- Large activity spectrum against bacteria, yeasts and moulds

Solubility: lipodispersible
Form: liquid

SEPICIDE™ LD

Phenoxyethanol



- Benefits**
- Mostly active against bacteria
 - Mostly active against Gram-, bacteria
 - Inactivated by highly ethoxylated compounds

Solubility: lipodispersible
Form: liquid

Boosters

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside



Preservative booster for sensitive skin

- Benefits**
- Helps reinforce conventional preservative systems & is more adapted to the need of sensitive or fragile skins
 - Boosts protection of conventional preservative against bacteria, yeasts & moulds in a ready to use liquid form

Solubility: soluble in water above pH 5
Form: liquid



LIPACIDE™ C8G

Capryloyl Glycine



Preservative booster for sensitive skin

- Benefits**
- Helps reinforce conventional preservative systems & is more adapted to the need of sensitive or fragile skins
 - Boosts protection of conventional preservative against bacteria, yeasts & moulds

Solubility: soluble in water above pH 5
Form: powder



LIPACIDE™ UG

Undecylenoyl Glycine



Preservative booster for sensitive skin

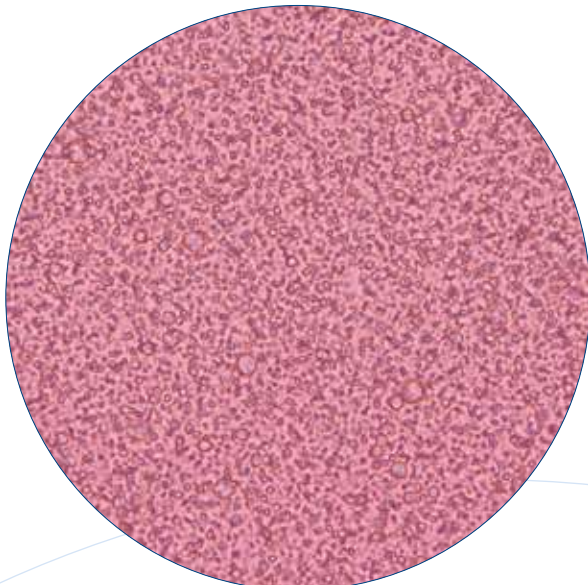
- Benefits**
- Helps reinforce conventional preservative systems & is more adapted to the need of sensitive or fragile skins
 - Boosts protection of conventional preservative against bacteria, yeasts & moulds
 - Good synergy with LIPACIDE™ C8G for preservation boosting

Solubility: soluble in water above pH 7



Expert solutions

SEPPIC Beauty Care offers you a large variety of expert formulations that fit your needs. Among which...

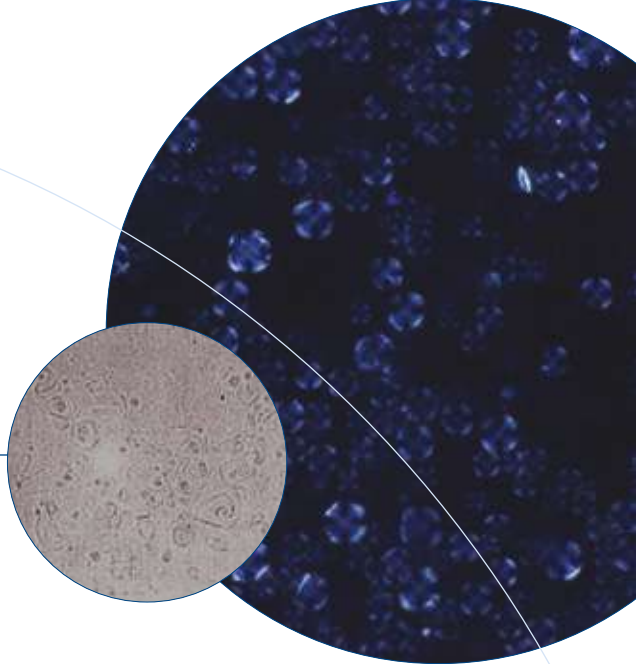


CREAM GEL TEXTURES

With our HSD polymers
See p.44 our polymeric thickeners & stabilizers

LIQUID CRYSTALS EMULSIONS & LAMELLAR PHASES

With our glycolipids emulsifiers
See p.51 our specialty bio-based emulsifiers





























































































































TEXTURIZING POWDERS

Spheric, hollow, marine... a full palette to customize your sensorials
Discover SEPIMAT™, PHYCOCORAIL™ p.58

A-Z Index

ADIPOLESS™	14, 33	Butylene Glycol - Chenopodium Quinoa Seed Extract			
ADIPOSLIM™	33	Sorbitan Laurate - Lauroyl Proline			
ALARIANE™	36	Aqua/Water - Butylene Glycol - Alaria Esculenta Extract			
AMBRE OCEANE™ SPE	11, 13	Aqua/Water - Pelvetia Canaliculata Extract			
AMBRE OCEANE™ 2C	11, 13	Aqua/Water - Pelvetia Canaliculata Extract			
AMBIATY EXTRACT	11	Aqua/Water - Glycerin - Vernonia Appendiculata Leaf Extract			
AMINAT® G	66	Glycerin - Ethyl Lauroyl Arginate HCl			
AMONYL™ 380 BA	64	Cocamidopropyl Betaine			
AMONYL™ 675 SB	64	Cocamidopropyl Hydroxysultaine			
ANTILEUKINE 6™	11, 18, 29	Caprylic/Capric Triglyceride - Laminaria Ochroleuca Extract			
AQUAXYL™	27, 28	Xylitylglucoside - Anhydroxylitol - Xylitol			
ASIATIC ACID	16	Asiatic Acid			
ASIATICOSIDE	11	Asiaticoside			
ASPAR'AGE™	11	Aqua/Water - Propanediol - Asparagopsis Armata Extract			
BIOENERGIZER™ P BG PF	36	Aqua/Water - Butylene Glycol *- Panthenol - Propylene Glycol - Pelvetia Canaliculata Extract - Laminaria Digitata Extract *Plant-based & Renewable			
BIO EXTENDER™ SPE	36	Hydrolyzed Rhodophyceae Extract			
BIOPLASMA™ BG	15, 27	Aqua/Water - Butylene Glycol*- Plankton Extract** *Plant-based & Renewable **Plankton Origin: (species) Scenedesmus Obliquus			
BIOPLASMA™ FA	11, 17	Aqua/Water - Butylene Glycol*- Plankton Extract**- Arginine Ferulate *Plant-based & Renewable **Plankton Origin: (species) Scenedesmus Obliquus			
BIORESTORER™ PF	36	Aqua/Water - Butylene Glycol - Hypnea Musciformis Extract			
BLUE SEAKALE HC	36	Aqua/Water - Butylene Glycol*- Crambe Maritima Leaf Extract *Plant-based & Renewable			
BLUE SEAKALE SC	18	Caprylic/Capric Triglyceride - Crambe Maritima Leaf Extract			
CAPIGEL 98™	47	Acrylates Copolymer			
CELTOSOME™ CRITHMUM MARITIMUM	12, 22, 29	Crithmum Maritimum Callus Culture Filtrate			
CELTOSOME™ ERYNGIUM MARITIMUM	12	Eryngium Maritimum Callus Culture Filtrate			
CERAMOSIDES™ HP	23	Glycosphingolipids - Glycolipids			
CIRE DE LANOL CTO	53	Cetearyl Alcohol - Ceteareth-33			
CODIAVELANE™ BG PF	27	Butylene Glycol* - Aqua/Water - Codium Tomentosum Extract *Plant-based & Renewable			
CONTACTICEL™	17, 24	Aqua/Water - Butylene Glycol - Hydrolyzed Rhodophyceae Extract			

EASYNOV™	50	Octyldodecanol - Octyldodecyl Xyloside - PEG-30 Dipolyhydroxystearate			
EMBELIA EXTRACT	29	Glycerin - Aqua/Water - Embelia Concinna Leaf Extract			
EMOGREEN™ C69	56	C15-19 Alkane* & Coco-Caprylate/Caprate *Plant-based & Renewable			
EMOGREEN™ L15	56	C15-19 Alkane* *Plant-based & Renewable			
EMOGREEN™ L19	56	C15-19 Alkane* *Plant-based & Renewable			
EMOSMART™ C28	56	C21-28 Alkane			
EMOSMART™ L15	56	C13-15 Alkane			
EMOSMART™ L19	56	C15-19 Alkane			
EMOSMART™ V21	57	C18-21 Alkane			
EPHEMER™	12, 16	Caprylic/Capric Triglyceride - Undaria Pinnatifida Extract			
EQUIBIOME™	26	Propylene Glycol - Aqua/Water - Arctium Lappa Root Extract			
FLAKES OF CHONDROS CRISPUS	33	Chondrus Crispus Powder			
FLUIDANOV™ 20X	50	Octyldodecanol - Octyldodecyl Xyloside			
FLUIDIFEEL™ EASY	50	Lauryl Glucoside - Myristyl Glucoside - Polyglyceryl-6 Laurate			
FLUIDIPURE™ 8G	24, 26, 37, 66	Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside			
GELALG™ SPE	14, 46	Aqua/Water - Carrageenan			
GULF STREAM SEA WATER™	15	Sea Salt			
HETEROSIDES	28	Centella Asiatica Leaf Extract			
HYDRALIXIR™ CC	39	Aqua/Water - Chondrus Crispus Extract - Gigartina Stellata Extract			
HYDRALIXIR™ LD	39	Aqua/Water - Laminaria Digitata Extract			
INULA HC	37	Caprylic/Capric Triglyceride - Inula Crithmoides Leaf/Flower Extract			
JUVENESSENCE™	12, 17, 18	Caprylic/Capric Triglyceride - Alaria Esculenta Extract			
KALPARIANE™	13, 32	Caprylic/Capric Triglyceride - Alaria Esculenta Extract			
LANOL 14 M	58	Myreth-3 Myristate			
LANOL 1688	57	Cetearyl Ethylhexanoate			
LANOL 2681	57	Coco-Caprylate/Caprate			
LANOL 37 T	57	Triheptanoin			
LANOL 99	57	Isononyl Isononanoate			
LANOL P ECAILLES	58	Glycol Palmitate			
LIPACIDE™ C8G	24, 66	Capryloyl Glycine			
LIPACIDE™ UG	24, 66	Undecylenoyl Glycine			
MADECASSOSIDE	30	Madecassoside			

	MICRO ALGUE 80	33, 65	Diatomaceous Earth	 	 
	MONTANE™ 20	53	Sorbitan Laurate		 
	MONTANE™ 481 VG	50	Sorbitan Oleate - Beeswax - Hydrogenated Castor Oil - Stearic Acid	 	 
	MONTANE™ 60	53	Sorbitan Stearate	 	 
	MONTANE™ 70	53	Sorbitan Isostearate		 
	MONTANE™ 80 VG	53	Sorbitan Oleate		 
	MONTANE™ 83 VG	53	Sorbitan Sesquioleate		 
	MONTANOV™ 14	50, 58	Myristyl Alcohol - Myristyl Glucoside	    	 
	MONTANOV™ 202	51	Arachidyl Alcohol - Behenyl Alcohol - Arachidyl Glucoside	    	 
	MONTANOV™ 68 MB	51	Cetearyl Alcohol - Cetearyl Glucoside	     	 
	MONTANOV™ 82	51	Cetearyl Alcohol - Coco-Glucoside	    	 
	MONTANOV™ L	51	C14-22 Alcohols - C12-20 Alkyl Glucoside	    	 
	MONTANOV™ S	51	Coco-Glucoside - Coconut Alcohol	   	 
	MONTANOX™ 20 DF	53, 64	Polysorbate 20		 
	MONTANOX™ 60 DF	53	Polysorbate 60	 	 
	MONTANOX™ 80 VG DF	53, 64	Polysorbate 80		 
	NATIVE ESSENCE™	17, 23	Caprylic/Capric Triglyceride - Crithmum Maritimum Extract	     	 
	OLEAPHYCOL FV	39	Caprylic/Capric Triglyceride - Fucus Vesiculosus Extract	    	 
	OLIGOGE LINE™ PF	18, 27	Aqua/Water - Chondrus Crispus Extract		  
	OLIGOPHYCOCORAIL SPE	15	Aqua/Water - Hydrolyzed Corallina Officinalis Extract		  
	ORAMIX™ CG 110	63	Caprylyl/Capryl Glucoside	    	 
	ORAMIX™ GB 10	63	Decyl Glucoside - Cocamidopropyl Betaine	 	 
	ORAMIX™ L 30	62	Sodium Lauroyl Sarcosinate		 
	ORAMIX™ NS 10	63	Decyl Glucoside	     	 
	ORONAL LCG E OD	63	Peg-40 Glyceryl Cocoate - Sodium Coceth Sulfate	 	 
	PHLORGINE™ BG PF	25	Aqua/Water - Butylene Glycol - Laminaria Saccharina Extract		  
	PHYCOBOREANE™ 2C	33	Aqua/Water - Laminaria Hyperborea Extract	 	 
	PHYCOCORAIL™	19, 58	Lithothamnion Calcareum Powder - Mannitol - Diatomaceous Earth - Zinc Sulfate	 	 
	PROTEOL™ APL EF	62	Cimicifuga Racemosa Root Extract		 
	PROTEOL™ OAT PF	62	Sodium Lauroyl Oat Amino Acids		 
	RHODYSTEROL™ S TG	33	Caprylic/Capric Triglyceride - Gelidium Cartilagineum Extract - Phytosterols	   	 
	ROSABORA™	30	Tambourissa Trichophylla Leaf Extract	 	

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SAKADIKIUM™	18, 23	Glycerin - Aqua/Water - Hedychium Coronarium Root Extract					
SCULPTOSANE™	32	Aqua/Water - Butylene Glycol - Plankton* Extract - Arginine Ferulate *Plankton Origin: (species) Scenedesmus Obliquus					
SEA LAVENDER HC	37	Aqua/Water - Butylene Glycol - Limonium Gerberi Extract					
SEA LAVENDER SC	13,19	Caprylic/Capric Triglyceride - Limonium Gerberi Extract					
SEA MAYWEED SC	30	Aqua/Water - Tripleurospermum Maritimum Extract					
SEASHINE™	22	Aqua/Water - Butylene Glycol* - Alaria Esculenta Extract - Undaria Pinnatifida Extract *Plant-based & Renewable					
SEA STARWORT OIL	30	Caprylic/Capric Triglyceride - Aster Tripolium Extract					
SEL GRAIN™	33, 65	Sea Salt					
SENSANOV™ WR	52	C20-22 Alkyl Phosphate - C20-22 Alcohols					
SEPICALM™ SWP	27,30, 37	Sodium Cocoyl Amino Acids - Sarcosine - Potassium Aspartate - Magnesium Aspartate					
SEPICALM™ VG WP	22	Sodium Palmitoyl Proline - Nymphaea Alba Flower Extract					
SEPICAP™ MP	37, 38	Sodium Cocoyl Amino Acids - Potassium Dimethicone PEG-7 Panthenyl Phosphate					
SEPICIDE™ HB	66	Phenoxyethanol - Methylparaben - Ethylparaben - Propylparaben - Butylparaben					
SEPICIDE™ LD	66	Phenoxyethanol					
SEPICLEAR G7™	63	Heptyl Glucoside					
SEPICONTROL™ A5	25, 31	Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract					
SEPIFEEL™ ONE	58	Palmitoyl Proline - Magnesium Palmitoyl Glutamate - Sodium Palmitoyl Sarcosinate					
SEPIFINE™ BB	58	Amylopectin					
SEPIGEL 305™	44	Polyacrylamide - C13-14 Isoparaffin - Laureth-7					
SEPI LIFE™ NUDE	44	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - C15-19 Alkane* - Polyglyceryl-6 Laurate* - Polyglycerin-6* *Plant-based & Renewable					
SEPI LIFT™ DPHP	12, 14, 16, 32	Dipalmitoyl Hydroxyproline					
SEPI MAT™ CP 5	58	Methyl Methacrylate Crosspolymer					
SEPI MAT™ H10	25, 59	Methyl Methacrylate Crosspolymer - Paraffinum Liquidum - Silica					
SEPI MAT™ H10 FW	25, 59	Methyl Methacrylate Crosspolymer - Squalane					
SEPI MAT™ HB V	59	Methyl Methacrylate Crosspolymer					
SEPI MAT™ P	59	Polymethyl Methacrylate					
SEPI MAT™ SB	23, 59	Methyl Methacrylate Crosspolymer					
SEPI MAX ZEN™	44, 47	Polyacrylate Crosspolymer-6					
SEPI NOV™ EMT 10	44	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer					
SEPI NOV™ P88	44	Sodium Acrylate/Acryloyl Dimethyltaurate/Dimethylacrylamide Crosspolymer					
SEPI NOV™ WEO	44	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer					
SEPI PLUS™ 265	45	Acrylamide/Ammonium Acrylate Copolymer - Polyisobutene - Polysorbate 20					

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SEIPLUS™ 400	45	Polyacrylate-13 - Polyisobutene - Polysorbate 20			
SEIPLUS™ S	45	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - PEG-7 Trimethylolpropane Coconut Ether			
SEIPIRESS™ M	59	Acrylates Copolymer - Silica			
SEPITONIC™ M3.0	15, 16, 38	Magnesium Aspartate - Zinc Gluconate - Copper Gluconate	 		
SEPIWHITE™ MSH	22	Undecylenoyl Phenylalanine	 		
SEPIWHITE™ MSH QD	22	Undecylenoyl Phenylalanine	 		
SESAFLASH™	14	Glycerin - Acrylates Copolymer - VP/Polycarbamyl Polyglycol Ester Hydrolyzed Sesame Protein PG-Propyl Methylsilanediol			
SIMULGEL™ 600	45	Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer Isohexadecane - Polysorbate 80			
SIMULGEL™ EG	45	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80			
SIMULGEL™ EG QD	45	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80	 		
SIMULGEL™ EPG	45	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - Caprylyl/Capryl Glucoside			
SIMULGEL™ FL	46	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60			
SIMULGEL™ I-NS 100	46	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60			
SIMULGEL™ NS	46	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Squalane - Polysorbate 60			
SIMULGEL™ SMS 88	46	Sodium Acrylate/Acryloyldimethyltaurate/Dimethylacrylamide Crosspolymer - Isohexadecane - Polysorbate 60			
SIMULQUAT™ HC 305	47	Acrylamidopropyltrimonium Chloride/Acrylates Copolymer - Isohexadecane - Coceth-7			
SIMULSOL™ 1292 DF	64	PEG-25 Hydrogenated Castor Oil			
SIMULSOL™ 1293	64	PEG-40 Hydrogenated Castor Oil			
SIMULSOL™ 165	53	PEG-100 Stearate - Glyceryl Stearate			
SIMULSOL™ 220 TM	64	PEG-200 Glyceryl Stearate			
SIMULSOL™ 58	53	Ceteth-20			
SIMULSOL™ 68 PHA	53	Ceteareth-22			
SIMULSOL™ 98	53, 64	Oleth-20			
SIMULSOL™ CS	53	Ceteareth-33			
SOLAGUM™ AX	46, 47	Acacia Senegal Gum - Xanthan Gum	 		
SOLAGUM™ TARA	47	Caesalpinia Spinosa Gum	 		
SPIRULINE AP	39	Aqua/Water - Butylene Glycol - Spirulina Platensis Extract			
SUBLIGANA™	25, 31	Glycerin - Aqua/Water - Harungana Madagascariensis Extract	 		
SUPERPHYCO-D™ BG PF	39	Aqua/Water - Butylene Glycol - Algae Extract Algal Origin: Fucus Vesiculosus	 		
TALADVANCE™	23, 26	Glycerin - Aqua/Water - Centella Asiatica Leaf Extract	 		
TECA™	16, 29, 32	Asiaticoside - Madecassic Acid - Asiatic Acid TECA: Titrated Extract of Centella Asiatica	 		
THALASSINE 2™ G	12	Glycerin - Tripleurospermum Maritimum Extract	 	 	

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TIMECODE™	13, 23	Palmitoyl Glycine	 		
VOLUFORM™	13, 14, 18, 32	Palmitoyl Isoleucine	 		
XYLISHINE™	37	Xylitylglucoside - Anhydroxylitol - Maltitol - Xylitol - Pelvetia Canaliculata Extract		 	

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ADIPOLESS™, ADIPOSIM™, AMINOVECTOR™, AMONYL™, AQUAXYL™, CAPIGEL 98™, EASYNV™, EMOGREEN™, EMOSMART™, EQUIBIOME™, FLUIDANOV™, FLUIDIFEEL™, FLUIDIPURE™, LIPACIDE™, MONTANE™, MONTANOV™, MONTANOX™, ORAMIX™, PHYTO AGE™, PROTEOL™, SAKADIKIUM™, SENSANOV™, SEPICALM™, SEPICAP™, SEPIDICE™, SEPICLEAR G7™, SEPICONTROL™, SEPIFEEL™, SEPIFINE™, SEPIGEL 305™, SEPI LIFE™, SEPI LIFT™, SEPI MAT™, SEPI MAX ZEN™, SEPI NOV™, SEPI PLUS™, SEPI PRESS™, SEPI TONIC™, SEPI WHITE™, SESAFLASH™, SIMULGEL™, SIMULQUAT™, SIMULSOL™, SOLAGUM™, TIMECODE™, VOLUFORM™, XYLISHINE™ are filed or registered trademarks by SEPPIC.

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Abreviation list

αSMA	<i>alpha smooth muscle actin</i>
AGE	<i>advanced glycation end products</i>
AHA	<i>alpha hydroxyacid</i>
AQP	<i>aquaporin</i>
ATP	<i>adenosine triphosphate</i>
BG	<i>butylene glycol</i>
BIP	<i>binding immunoglobulin protein</i>
CAMP	<i>cyclic adenosine monophosphate</i>
CHOP	<i>C/EBP homologous protein</i>
COL or COLL	<i>collagen</i>
COX	<i>cyclooxygenase</i>
DEJ	<i>dermo-epidermal junction</i>
DNA	<i>desoxyribonucleic acid</i>
ECM	<i>extracellular matrix</i>
EDNRB	<i>endothelin receptor type B</i>
GAG	<i>glycoaminoglycan</i>
HBD	<i>human beta defensin</i>
HSD	<i>hydro swelling droplets</i>
IFN	<i>interferon</i>
IL	<i>interleukine</i>
IR	<i>infra-red</i>
KLK	<i>kallikrein</i>
LTB4	<i>leukotriene B4</i>
MDA	<i>malondialdehyde</i>
MIC	<i>minimal inhibitory concentration</i>
MIC1	<i>macrophage inhibitory cytokine 1</i>
MITF	<i>microphthalmia associated transcription factor</i>

MMF	<i>marine moisturizing factor</i>
MMP	<i>matrix metalloproteinase</i>
mTOR	<i>mechanistic target of rapamycin</i>
NFκB	<i>nuclear factor kappa B</i>
NMF	<i>natural moisturizing factor</i>
O/W	<i>oil in water</i>
PALGLY	<i>palmitoyl glycine</i>
PAR2	<i>proteinase activated receptor 2</i>
PASI	<i>psoriasis area severity index</i>
PEG	<i>polyethylene glycol</i>
PG	<i>prostaglandin</i>
PGE	<i>prostaglandin E</i>
PMMA	<i>polymethylmethacrylate</i>
ROS	<i>reactive oxygen species</i>
SKALP	<i>skin derived antileukoprotease</i>
SPA	<i>sana per aquam (health thanks to water)</i>
TEWL	<i>trans-epidermal water loss</i>
THBS	<i>thrombospondin</i>
TIMP	<i>tissue inhibitor of metalloproteinase</i>
TNF	<i>tumor necrosis factor</i>
TRP	<i>tyrosinase related protein</i>
TSP1	<i>thrombospondin 1</i>
UV	<i>ultra-violet</i>
UVA	<i>ultra-violet A</i>
UVB	<i>ultra-violet B</i>
VEGF	<i>vascular endothelial growth factor</i>
W/O	<i>water in oil</i>

Legend














FUNCTION

	Actives		Sensory Ingredients
	Emulsifiers		Functional Additives
	Polymeric Thickeners & Stabilizers		

TECHNOLOGY

	Polymer Science		Plant-based Chemistry		Botanical Extraction		Marine Biotechnologies
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APPROVALS

	China Compliant: all INCI names are listed on the IECIC list of December 2015.		Book&Claim Credits: covered by Book&Claim credits. Supports the production of certified sustainable palm oil (www.rspo.org).	
	QD Additive: approved as QD additive in Japan.		MassBalance Sourced: primary sourcing is MassBalance.	
	ECOCERT Cosmetics: raw material approved by ECOCERT GREENLIFE, in conformity with Ecocert natural and organic cosmetic standard.		MassBalance Certified: supplied under MassBalance certification BVC-RSPO-1-1972708497. Contributes to the production of certified sustainable palm oil.	
	COSMOS Approved: raw material approved by ECOCERT GREENLIFE, in conformity with Cosmos standard.		HALAL Certified: BiotechMarine site & products have been audited & certified by HCS (Halal Certification Services) ; officially recognized by MUI (Indonesia), JAKIM (Malaysia), MUIS (Singapore), CICOT, and other respected Halal authorities around the world.	
	NATRUE Approved: raw material certified according to NATRUE standard.		Naturality Profile Available: naturality profile according to ISO 16 128 norm is available upon request.	
				
		NOI ≤ 0.5 or NOC ≤ 50%	NOI > 0.5 or NOC > 50%	NOI = 1 or NOC = 100%
(NOI: Natural Origin Index / NOC: Natural Origin Content)				

Environmental calculator



Size: **21 x 29.7 cm**



Quantity: **5 000 ex**

Cover pages:



Brand: **Balance Silk paper FSC certified**



Number of pages: **6**



Basis weight: **300 g/m² + matt laminated film**

Text pages:



Brand: **Balance Silk paper FSC certified**



Number of pages: **76**



Basis weight: **115 g/m² + matt laminated film**

By using Balance Silk paper FSC certified rather than a non-recycled paper, the environmental impact was reduced by:



370 kg of CO₂ or the equivalent of:



2 852 kg of landfill



3 310 km of travel in an average European car



6 899 kWh of energy



74 595 liters of water



6 870 kg of wood

Flash this code and
Download the index:



Nota :

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Air Liquide Healthcare is a world leader in medical gases, home healthcare, hygiene products and healthcare specialty ingredients. It aims to provide customers in the continuum of care from hospital to home with medical products, specialty ingredients and services that contribute to protecting vulnerable lives.

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