

SEPPIC

Beauty Care

Ingredient Book

Ingredients that inspire



Content

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.

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

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**

*The 3 pillars
of our CSR policy*

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

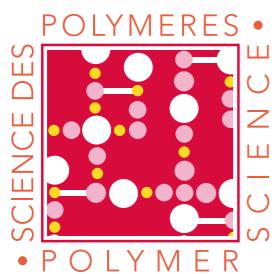
- Commit to involve each entity of SEPPIC in a community project wherever in the world

Involve our Stakeholders into our Sustainable Dynamics

- Being ethical in doing business
- Evaluate & select all strategic suppliers based on social & environmental performance

Our Technologies

Our ingredients are built from our three technology pillars



With POLYMER SCIENCE

SEPPIC Beauty Care re-invents formulation

SEPPIC Beauty Care develops performant high molecular weight rheology modifiers, that are crosslinked and/or branched polyelectrolytes.

Our expertise in radical polymerization in inverse emulsion designed as **HSD technology** (Hydro-Swelling Droplets), takes place through a complete liquid & powder polymer offer, which is at the root of the revolutionized cream-gel textures (cold process technology for higher productivity).

Our complete HSD range (**SEPIGEL™ 305, SIMULGEL™, SEPIPLUS™, SEPINOV™**), offers a great versatility within the powerful efficiency of multiple technological benefits: thickening, stabilizing, stability to shear stress & temperature variations, ready-to-use (no neutralization), opportunity to design room temperature process emulsions, and a large panel of sensorial profile.

Furthermore by modulating hydrophobic character, our polymeric thickeners & stabilizers offer is now extended with the **SEPIMAX™ range**, new sensorial experience combined with outstanding suspending properties, clarity & high tolerance to salts & surfactants.



With BIO-BASED CHEMISTRY

SEPPIC Beauty Care eco-designs responsible chemistry

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

Glucolipids leading performance in emulsions with a complete palette of textures & sensorial profiles, a variety of vegetable origins & a proven benefit from liquid crystals.

Lipobiovector™ (grafting of an amino acid 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, these molecules are key for cell communication. They are involved in skin barrier repair, maintenance and also in vital skin water reserves.

Mineral concepts offer you essential minerals involved in the cell metabolism, grafted on smart bio-based anions.



With MARINE BIOTECHNOLOGIES

SEPPIC Beauty Care connects you to magical marine actives

BiotechMarine focuses on the natural adaptation strategy of macroalgae, microalgae & marine plants which are exposed to extreme conditions such as light, waves, nutrition, UV, osmotic pressure by the ocean. Thanks to biotechnologies, we explore a large field of new sourcing with plant cells & algae cells cultivated in laboratory.

CELEBRITY™: this new technology offers active ingredients from **macroalgae cells** which are not available in the ocean in large quantities. The BiotechMarine process includes the collection of microscopic **macroalgae** life at a specific stage, the **isolation** of a particular species, and **cell culture** in photo bioreactors. Seawater samples from around the Brehat Archipelago are very rich in biodiversity & contain hundreds of microscopic species in suspension.

CELTOSOME™: these **plant cells** have the ability either to differentiate into all cell types, or to self-renew at an undifferentiated stage, thus they simultaneously manage two types of metabolites (primary metabolites essential for growth, development & reproduction, and secondary metabolites to adapt to external stress). BiotechMarine supplies the pure cell powder, concentrating the highest diversity of both lipo & hydrosoluble molecules.

Algae & plant extracts: the composition of algae and plant extracts gives them numerous opportunities to be used as active ingredients. BiotechMarine has a direct connection to **freshly sourced algae** in Brittany. We source these natural resources responsibly as well as using field cultivation methods for protected species.

ACTIVES

*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.



Skin Care solutions at a glance

ANTI-AGING

Firmness & wrinkles / Plumping / Tightening / Eye contour / Energizing

DAILY DEFENSE

Anti-oxidant / Detoxifying & anti-pollution / Photo-aging protection / Soothing

SKIN COMPLEXION

Lightening / Radiance / Pore minimizer

SKIN BALANCE

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

MOISTURIZATION

Hydration / Skin barrier

BODY SHAPE

Firming / Plumping / Slimming / SPA

Hair Care solutions at a glance

HAIR & SCALP CARE

Hair care / Scalp care

Botanical extracts

*Skin biology
Hair biology*

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Skin Care solutions at a glance

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- BIOPLASMA™ FA p.10
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- CELTOSOME™ ERYNGIUM MARITIMUM ST p.10

ANTI-AGING

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Anti-blemish & Acne prone skin

- SEPICONTRAL™ A5 p.25

Lipophilic

Amphiphilic

Hydrophilic



Anti-aging

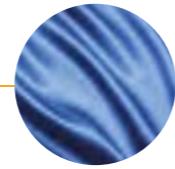
Firmness & Wrinkles

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%

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

BIOPLASMA™ FA

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

Plankton Origin: (species)
Scenedesmus Obliquus



Combine desert & ocean strengths

- Benefits on volunteers**
- 15% wrinkles depth at day 28, versus day 0

CELOSOME™

CRITHMUM

MARITIMUM ST

Crithmum Maritimum Extract



CELOSOME™

ERYNGIUM

MARITIMUM ST

Eryngium Maritimum Extract



EPHEMER™

Caprylic/Capric Triglyceride -
Undaria Pinnatifida Extract



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

Ephemeral sourcing for anti-aging

- Benefits on volunteers**
- Reinforces the anti-oxidant capacity of the skin versus placebo

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

QD ADDITIVE

Ephemeral sourcing for anti-aging

CHINA COMPLIANT

COSMETICS

COSMOS APPROVED

NATRUE APPROVED

GREENPALM PROGRAMME
GREENPALM SUSTAINABILITY

RSPo
GREENPALM PROGRAMME

BIO-BASED

ECOCERT
Raw Material

INULA SC

Aqua/Water - Butylene Glycol -
Inula Crithmoide Leaf/Flower Extract

INULAS

Firming & protecting marine plant

Benefits on volunteers

- Better comfort

Mode of action

- Stimulates GAG: +34% & collagen: +33%
- Protects against free radicals: -28% MDA

Nature
Golden samphire

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



JUVENESSENCE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China):
Alaria Esculenta

QD
ECOCERT
Raw Material
ECOCERT
Raw Material
BIO-BASED
GreenPalm
SUSTAINABILITY

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

Nature
The Arctic winged kelp

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



SEPLIFT™ DPHP

Dipalmitoyl Hydroxyproline

QD
ECOCERT
Raw Material
ECOCERT
Raw Material
BIO-BASED
GreenPalm
SUSTAINABILITY

The weapon against aging

Benefits on volunteers

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

Nature
Hydroxyproline Lipobiovector™

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



SURVICODE™

Sodium Cocoyl Alaninate

QD
GreenPalm
SUSTAINABILITY
%

Youth capital code decrypted

Benefits on volunteers

Total surface wrinkles: -36% after 42 days vs lipopeptide

Nature
Alanine Lipobiovector™

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



THALASSINE 2™ G

Glycerin - Tripleurospermum
Maritimum Extract

ECOCERT
Raw Material

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

QD
ECOCERT
Raw Material
BIO-BASED
GreenPalm
SUSTAINABILITY

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

Nature
PAL GLY, the bliss molecule

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



VOLUFORM™

Palmitoyl Isoleucine

QD
ECOCERT
Raw Material
BIO-BASED
GreenPalm
SUSTAINABILITY

Volufirming technology

Benefits on volunteers

Deep wrinkles: -39% after 42 days vs lipopeptide

Nature
Isoleucine Lipobiovector™

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



Plumping

AMBRE OCEANE™ SPE

Aqua/Water -
Peltvetia 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%NEW version available:
AMBRE OCEANE™ 2C
is now NATRUE Approved

KALPARIANE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China):
Alaria Esculenta

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 freeNEW version available:
KALPARIANE™
is now NATRUE Approved

SEA LAVENDER SC

Caprylic/Capric Triglyceride -
Limonium Gerberi Extract

Replump dermis due to cell communication

Benefits on volunteers

- Moisturizing effect versus 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

SEPLIFT™ 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 Lipobiovector™

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 Lipobiovector™

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

Tightening

GELALG™ SPE

Aqua/Water - Chondrus Crispus Extract



Skin lifter

Benefits on volunteers

- Immediate tight effect

Nature
The silicone plantSolubility: 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 five minutes with complete comfort on application: +39% hydration after 30 minutes

Nature
Sesame-based active ingredientSolubility: 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 versus placebo on 90% of volunteers

Nature
Quinoa extractSolubility: water soluble
Form: liquid
Use level: 2%

BIOPLASMA™ BG

Aqua/Water - Butylene Glycol -
Plankton Extract

Desert microalgae for cell energy

Mode of action

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

Nature
Desert microalgaeSolubility: 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 powderSolubility: water soluble
Form: powder
Use level: 2%OLIGOPHYCOCORAIL
SPEAqua/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 seaweedSolubility: water soluble
Form: liquid
Use level: 2%

Energizing

SEPITONIC™ M3Magnesium 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

**SEPITONIC™ M4**Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate - Calcium Gluconate*Cellular chronoenergizer***Mode of action**

- Association of minerals ideal to reconstruct mature skin
- The presence of calcium improves epidermal differentiation
- Strengthens barrier effect

**Nature**

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

Solubility: water soluble**Form:** liquid**Use level:** 1%**NEW version available:**
Preservative free*Anti-oxidant***Daily defense****EPHEMER™**Caprylic/Capric Triglyceride -
Undaria Pinnatifida Extract*Protect the genes of Eve***Benefits on volunteers**

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

Nature

Ephemeral cells in the lifecycle of macroalgae

**PYRENOINE™ PF**Butylene glycol - Aqua/Water -
Algae Extract

Algal Origin: Fucus Spiralis

*Free radical scavenger***Mode of action**

- Decreases MDA: -31%
- Anti-superoxide: -77%
- Anti-hydroxyl: -94%

Nature
Spiralled wrack**Solubility:** water soluble
Form: liquid
Use level: 1 %
Preservative free**SEPILIFT™ DPHP**

Dipalmitoyl Hydroxyproline

*Natural anti-aging defense for younger looking skin***Nature**
Hydroxyproline Lipobiovector™**Solubility:** amphiphilic
Form: powder
Use level: 1 %
Preservative free**SEPITONIC™ M3**Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate*A breath of fresh air to de-stresses the skin***Nature**
Mineral-based cell fuel (zinc, copper, magnesium)**Solubility:** water soluble
Form: liquid
Use level: 1 %**NEW version available:**
Preservative free**SEPITONIC™ M4**Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate - Calcium Gluconate*A strong protection against oxidative stress***Nature**
Mineral-based cell fuel (zinc, copper, magnesium, calcium)**Solubility:** water soluble
Form: liquid
Use level: 1 %**SEPIVITAL**Potassium Ascorbyl Tocopheryl
Phosphate*Very stable Vitamin C***Nature**
Very stable form of vitamin C grafted on vitamin E**Solubility:** water soluble
Form: powder
Use level: 0.01 %
Preservative free



SEPIVINOL

Wine Extract



Powerfull & polyvalent anti-oxidant effect

Mode of action

- fight free radicals even at low concentration
- increase cell longevity (increase SIRTUIN-1 expression)

Nature

Red wine extract



Photo-aging protection

ANTILEUKINE 6™

Caprylic/Capric Triglyceride - Laminaria Ochroleuca Extract



DNA protection after UVA/UVB exposure

Mode of action

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

Nature

Golden seaweed



Detoxifying & anti-pollution

BIOPLASMA™ FA

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

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



JUVENESSENCE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China):
Alaria Esculenta



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 - Critmum 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

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 Lipobiovector™



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

BLUE SEAKALE SC

Caprylic/Capric Triglyceride - Crambe Maritima Leaf Extract



Cutaneous soothing & cell proliferation

Benefits on volunteers

- -43% cutaneous reactivity

Nature

Highly salt-tolerant seakale



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

JUVENESSENCE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China):
Alaria Esculenta



Skin protector

Mode of action

- Decreases IL1, 6 & 8: -12% to 21%
- TNFa: -14%
- IFNy: - 8%

Nature

The Arctic winged kelp



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

PHYCOCORAIL™

Lithothamnion Calcareum Extract - Mannitol - Diatomaceous Earth - Zinc Sulfate



Bioceramic thermic shield

Mode of action

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

Nature

Red calcified seaweed



Solubility: dispersible
Form: powder
Use level: 1 to 3%
Preservative free

PHYTO AGE™

Cimicifuga Racemosa Root Extract



Photoprotector

Mode of action

- Photo-protection of the dermis & the dermal-epidermal junction against UVA: +35% pro-collagen-1, +39% hyaluronic acid, +62% laminin

Nature

Traditional chinese supplement



Solubility: water soluble
Form: powder
Use level: 0.1-0.5%
Preservative free

SEA LAVENDER SC

Caprylic/Capric Triglyceride - Limonium Gerberi Extract



Reinforce the hydro-lipidic barrier & regulate sensitive skin

Benefits on volunteers

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

Nature

Immortal blue



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



CHINA COMPLIANT



QD ADDITIVE



ECOCERT RAW MATERIAL



COSMETICS



ECOCERT RAW MATERIAL



COSMOS APPROVED



NATRUE APPROVED



GREENPALM PROGRAMME



BIO-BASED CONTENT AVAILABLE

Photo-aging protection

SEPIVITAL

Potassium Ascorbyl Tocopheryl Phosphate



Vitamin power

Mode of action

- Shields against UVB: 118% cell survival
- Modulation of pro-apoptotic proteins Chop (-16%) and BIP (-30%) activated by UV

Nature

Very stable form of Vitamin C grafted on Vitamin E

Solubility: hydrosoluble
Form: powder
Use level: 0.01%
Preservative free



SEA MAYWEED SC

Aqua/Water - *Tripleurospermum Maritimum Extract*



Anti-redness for sensitive skin

Benefits on volunteers

- -24% cutaneous reactivity
- -19% redness

Nature
 Sea chamomile

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



SURVICODE™

Sodium Cocoyl Alaninate



Protect sentinel cells in the epidermis

Mode of action

- +48% ΔNp63 (protein for the protection of epidermal stem cells against UV)
- +48% survival of Langerhans cells

Nature

Alanine Lipobiovector™

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



SEA STARWORT BG

Aqua/Water - *Butylene Glycol - Aster Maritima/Tripolium Extract*



A protective approach for soothing

Benefits on volunteers

- -30% cutaneous reactivity

Nature
 Sea aster water extract

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



Soothing

ANTILEUKINE 6™

Caprylic/Capric Triglyceride - *Laminaria Ochroleuca Extract*



Decrease the inflammation mediators

Mode of action

- Decreases TNFa: -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



SEA STARWORT OIL

Caprylic/Capric Triglyceride - *Aster Maritima/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



CELOSOME™ CRITHMUM MARITIMUM ST

Critchmum Maritimum Extract



Accelerated repairing & soothing from biotechnologies

Mode of action

- Epidermis renewal by a factor of 5
- Reduces IL1, IL6, stimulates growth factors
- Stimulates collagen synthesis

Nature

Plant cells from sea fennel

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



SEPICALM™ SWP

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

Nature
 Mineral & Lipobiovector™

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



GULF STREAM SEA WATER™

Sea Salt



Soothing sea powder

Mode of action

- Anti-histaminic: -90%

Nature

Sea powder

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



SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine - *Cinnamomum Zeylanicum Bark Extract*



Regulate inflammation induced by acne - Better than Salicylic acid

Mode of action

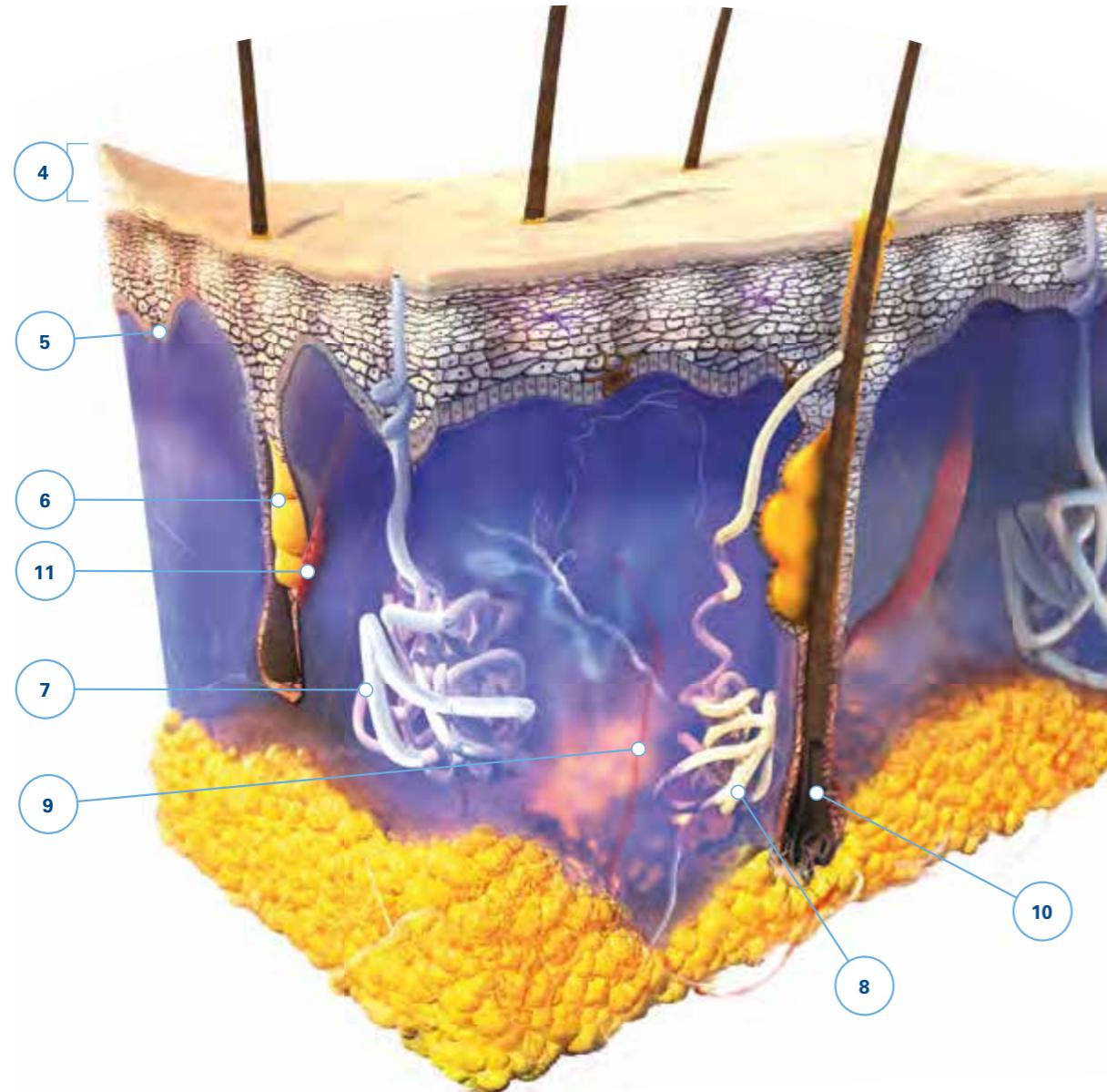
- Increases natural skin immune & anti-microbial defense +46% HBD2 (defensin)
- -73% IL1 induction
- -80% Elastase inhibitor
- -100% Hyaluronidase inhibition
- -80% Lipo-oxygenase inhibition

Nature
 Spicy cocktail of cinnamon & glycine Lipobiovector™

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



Skin biology



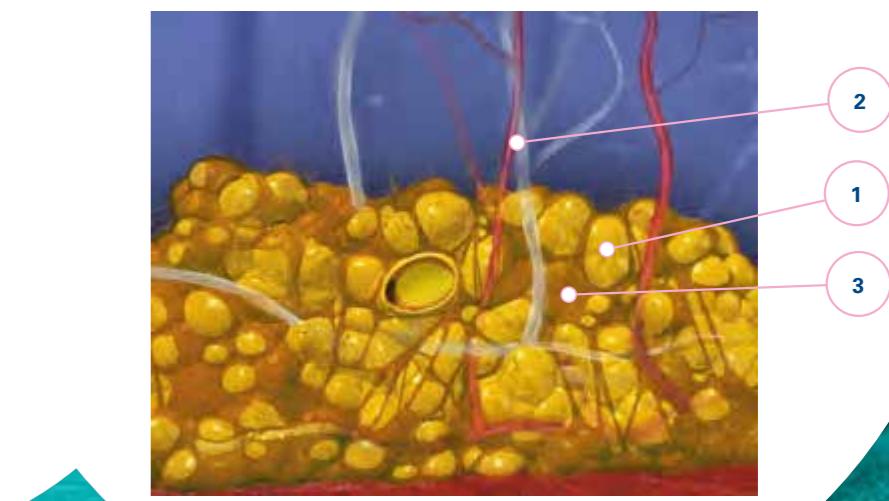
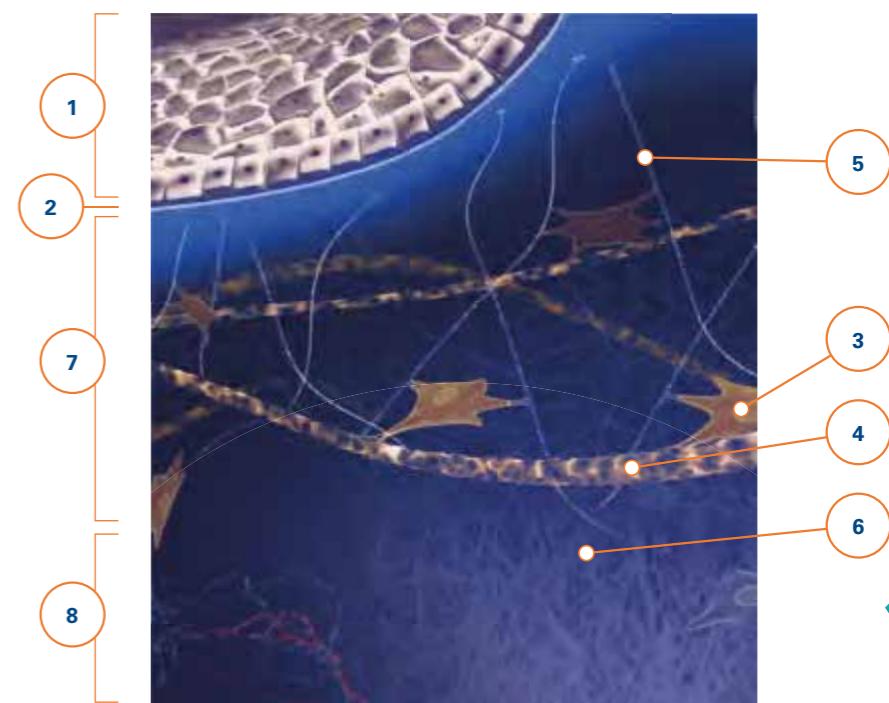
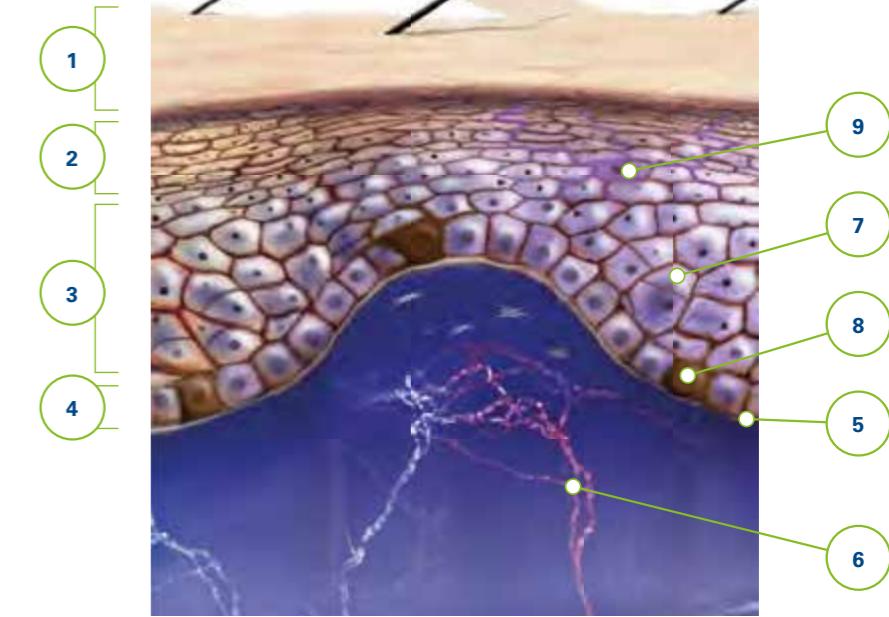
SKIN

- | | |
|------------------------------|--------------------------|
| (1) Epidermis | (7) Eccrine sweat gland |
| (2) Dermis | (8) Apocrine sweat gland |
| (3) Hypodermis | (9) Vascular network |
| (4) Stratum corneum | (10) Hair follicle |
| (5) Dermo-epidermal junction | (11) Erector muscle |
| (6) Sebaceous gland | |

- 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 Papillary dermis
- 8 Reticular dermis

- HYPODERMIS
- 1 Adipocyte
- 2 Vascular network
- 3 Connective tissue





Skin complexion

Lightening

CELOSOME™ CRITHMUM MARITIMUM ST

Crithmum Maritimum Extract



SEASHINE™

*Aqua/Water - Butylene Glycol -
Algae Extract*

*Algal Origin (usable in China):
Alaria Esculenta - Undaria Pinnatifida*



SEPICALM™ VG WP

*Sodium Palmitoyl Proline -
Nymphaea Alba Flower Extract*



Pigmentation regulator from biotechnologies

Benefits on volunteers

- After 56 days, downregulation of pigmentation versus Day 0 (+ITA), specifically on brown skin & brown spots
- Better radiance

Mode of action

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

Nature

Plant cells from sea fennel

Solubility: dispersible
Form: powder
Use level: 0.50%
Preservative free



Lightener & skin sublimer

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 the keratinocytes (-19%)

Nature

Sea shining laminarias / vegetal BG

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



SEPIWHITE™ MSH

Undecylenoyl Phenylalanine



Victory for a toned complexion!

Benefits on volunteers

- 100% lighter spots / 73% less spots / 83% more radiant complexion / 100 % more even complexion
- At a very low dose, boosts other illuminating agents
- Uniform skin -Visibly luminous skin

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

Combination of lily flowers & palmitoyl proline

Solubility: amphiphilic
Form: liquid
Use level: 3%



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 Lipobiovector™

Solubility: hydrodispersible
water soluble at pH7
Form: powder
Use level: 0.20 to 2%
Preservative free



Radiance

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%
- Increases cell proliferation & filaggrin for differentiation regulation under asphyxia conditions

Nature
Sea fennel oil extract

Solubility: liposoluble
Form: liquid
Use level: 1%
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
PMMA

Solubility: oil & water dispersible
Form: powder
Use level: 0.5-10 %
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 beauty

Benefits on volunteers

- Smooth skin texture, pore are narrowed
- After 56 days: -37% skin roughness

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



CHINA COMPLIANT



QD ADDITIVE



COSMETICS



COSMETIC APPROVED



COSMOS APPROVED



NATRUE APPROVED



RSPO GREENPALM PROGRAMME



BIO-BASED



Skin balance

Purifying

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine - Xylitylglycoside



Purity & protection from head to toe!

Benefits on volunteers

- Helps restore the skin natural acidic pH

Nature
Natural Glycine & sugar biovector

Solubility: water soluble
Form: liquid
Use level: 5-10%
Preservative free



LIPACIDE™ C8G

Capryloyl Glycine



Skin pH regulator, ideal for sensitive skin

Benefits on volunteers

- Helps restore the skin natural acidic pH

Nature
Glycine biovector

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

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



Oil control

FLUIDIPURE 8G™

Hexylene Glycol - Capryloyl Glycine - Xylitylglycoside



Limit sebum excess

Mode of action

- 18% reduction of key enzyme responsible for sebum production: 5α reductase

Nature
Natural Glycine & sugar biovector

Solubility: water soluble
Form: liquid
Use level: 5-10%
Preservative free



LIPACIDE™ C8G

Capryloyl Glycine



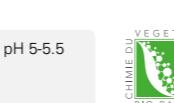
Limit sebum excess

Mode of action

- 50% reduction of key enzyme responsible for sebum production: 5α reductase

Nature
Glycine biovector

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



PHLOROGINE™ BG PF

Aqua/Water - Butylene Glycol - Laminaria Saccharina Extract



Skin purity restorer

Benefits on volunteers

- Anti sebum: -26% after 1 week

Mode of action

- Anti lipase: -73%

Nature
Royal sugar kelp

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



Limit sebum excess of acne prone skin

SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract



Benefits on volunteers

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

Mode of action

- Reduces by 40% the activity of 5α reductase, key enzyme responsible for sebum production

Nature
Spicy cocktail of cinnamon & glycine Lipobiovector™

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
PMMA elaborated with silica

Solubility: oil dispersible
Form: powder
Use level: 0.5-10%
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
PMMA elaborated with vegetable oil

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



Anti-blemish & Acne prone skin

SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract



Fight against the 5 main causes of acne prone skin

Benefits on volunteers

- 78% less comedones
- 20% less sebum production

Nature
Spicy cocktail of cinnamon & glycine Lipobiovector™

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



CHINA COMPLIANT



QD ADDITIVE



ECOCERT
RAW MATERIAL



COSMETICS



COSMOS APPROVED



NATRUE APPROVED



GREENPALM PROGRAMME



RSPO
GREENPALM SUSTAINABILITY



BIO-BASED
CONTENT AVAILABLE



Moisturization

Hydration

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

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



Marine moisturizing factor (MMF)

Benefits on volunteers

- Immediate & long-lasting hydration (+14% after 8 hours & 24 hours) vs TO

Mode of action

- Stimulates ceramides, cerebrosides, cholesterol

Nature

Velvet algae

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



KALPARIANE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China): *Alaria Esculepta*



Strong waves algae

Benefits on volunteers

- 70% of the volunteers found an improvement of the hydration level after 28 days

Mode of action

- GAG: +28%

Nature

The Arctic winged kelp

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



*NEW version available:
KALPARIANE™ is now NATRUE Approved*

OLIGOGELINE™ PF

Aqua/Water - *Chondrus Crispus* Extract



Second skin ingredient

Benefits on volunteers

- TEWL: -38% after 2 hours

Nature

The silicone plant

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



CHINA COMPLIANT



QD ADDITIVE



ECOCERT



COSMETICS



ECOCERT



COSMOS APPROVED



NATRUE APPROVED



GREENPALM PROGRAMME



RSPO

bio-based

CONTENT AVAILABLE

SEAMOSS™ BG PF

Butylene Glycol - Aqua/Water - *Chondrus Crispus* Extract



Hydration for toiletries

Benefits on volunteers

- Immediate hydration improvement: +54% in a rinse-off product

Nature

Carageen moss

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



Increase skin comfort for sensitive skin

Benefits on volunteers

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

Nature

Mineral & aminoacid Lipobiovector™

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



Skin barrier

AQUAXYL™

Xylitylglucoside - 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

Nature

Natural sugar complex

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



* For boosted efficacy & maximum comfort, combine with our bio-based emulsifying liquid crystal promotors (p.47).

Body shape



Firming

KALPARIANE™ AD

Caprylic/Capric Triglyceride - Algae Extract

Algal Origin (usable in China):
Alaria Esculenta



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

NEW version available:
KALPARIANE™ is now NATRUE Approved



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 autotoxin: -52%
- Anti-MMP1: -12%
- Stimulates fibronectin: +19%
- Stimulates laminin: +27%

Nature

Desert algae



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

SEPLIFT™ DPHP

Dipalmitoyl Hydroxyproline



Strengthen & rejuvenate the skin

Mode of action

- Contraction of collagen fibers: +14%. Protection of the dermal-epidermal junction & the extracellular matrix

Nature

Hydroxyproline Lipobiovector™



Solubility: amphiphilic
Form: powder
Use level: 1%

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

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%



ADIPOSIM™

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 (α_2 , β) regulation
- +60-62% fat recycled into ATP

Nature
Proline Lipobiovector™

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



PHYCBOREANE™ 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™ S

Propylene Glycol Diethylhexanoate -
Gelidium Cartilagineum Extract -
Phytosterols



Body shaper

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%

Nature
Stimulating deep red algae

Solubility: liposoluble
Form: liquid
Use level: 5%

Other version:

RHODYSTEROL™ S BT
Caprylic/Capric Triglyceride - Gelidium
Cartilagineum Extract - Phytosterols



FLAKES OF CHONDROUS CRISPUS

Body modelling

Chondrus Crispus Powder



Benefits

- Visible red algae for SPA treatment

Nature
Marine glitters

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



MICRO ALGUE 80

Diatomaceous Earth (Solum
Diatomeae)



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.33

Purify scalp & fight dandruff

ESCOLANE™ p.34
FLUIDIPURE 8G™ p.34

Help anti-frizz

ALARIANE™ AD p.32

Soothe & relax irritated scalp

SEICALM™ SWP p.34
FLUIDIPURE 8G™ p.34
SEA SATIN™ p.34
AQUAXYL™ p.34

Stimulate growth & density

BIOENERGIZER™ P BG PF p.32
SEPITONIC™ M3 p.34

Keep softness & shine

AQUAXYL™ p.32
BIORESTORER™ PF p.32
OLIGOGENE™ PF p.33

Protect & boost colour

BLUE SEAKALE HC p.33
INULA HC p.33

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

SEPICAP™ MP p.33, 34
BLUE SEAKALE™ HC p.33

Protect & repair hair fiber

AQUAXYL™ p.32
BIORESTORER™ PF p.32

SEPICAP™ MP p.33
SEA SATIN™ p.33

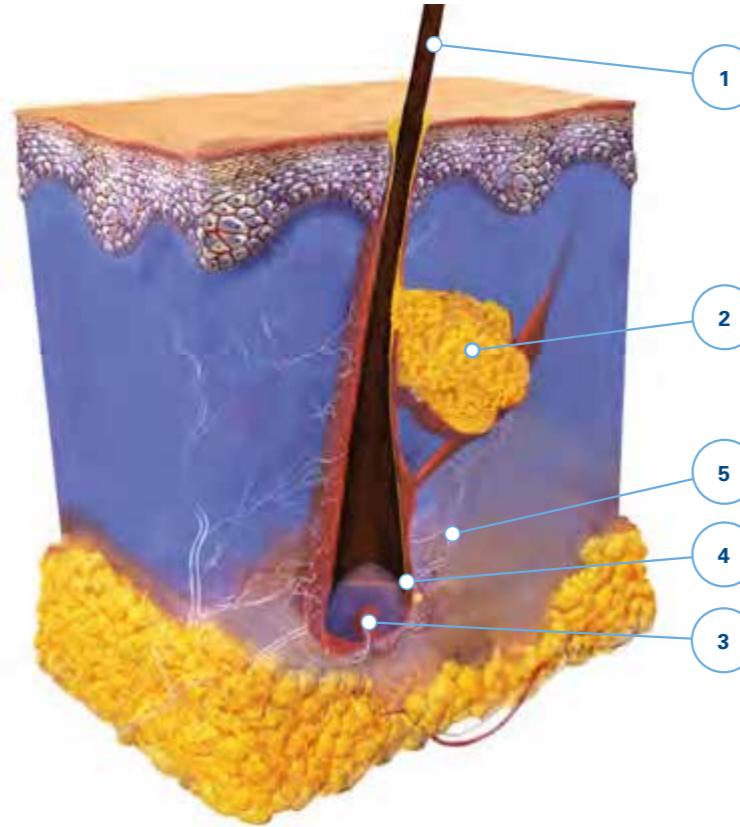
Densify hair

BIO EXTENDER™ SPE p.32

Lipophilic

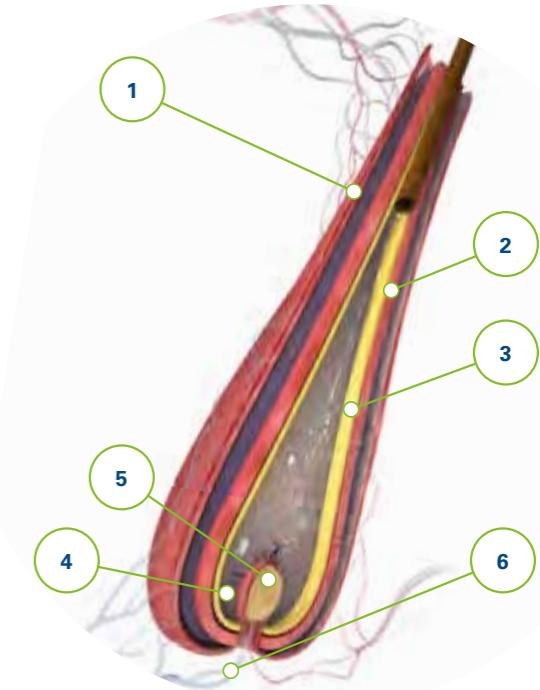
Hydrophilic

Hair biology



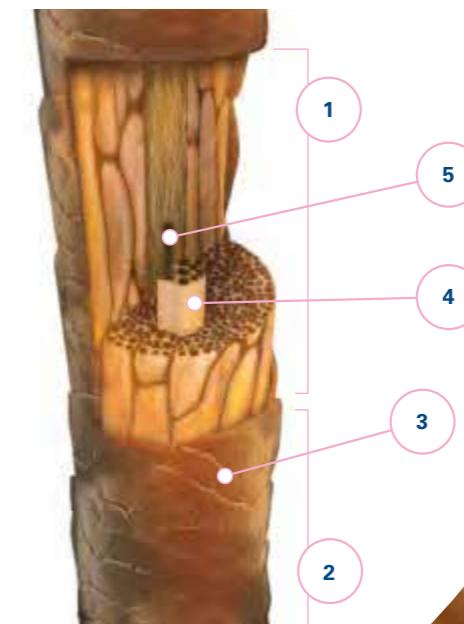
PILOSEBACEOUS UNIT

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



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 & Scalp care

Hair Care

ALARIANE™ AD

Aqua/Water - Butylene Glycol -
Algae Extract

Algal Origin (usuabile in China):
Alaria Esculenta



AQUAXYL™

Xylylglucoside - Anhydroxylitol -
Xylitol



Protect & straighten hair

Hair benefits

- Evaluation on locks: anti-frizzy

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



BIO EXTENDER™ SPE

Hydrolyzed Rhodophycea Extract



Density & growth booster

Hair benefits

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

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



Protect the hair fiber

Hair benefits

- Hair color protection after hot stresses

Nature
Highly salt-tolerant seakale

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



INULA HC

Caprylic/Capric Triglyceride - Inula
Cithrhoidea 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: 2%
PRESERVATIVE free



OLIGOGELINE™ PF

Aqua/Water - Chondrus Crispus Extract



Restructure hair shaft

Hair benefits

- Hair scales: more regular & tighter
- Tightens hair cuticles
- Improves radiance
- Hydrates & brings minerals

Nature
The silicone plant

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



SEA SATIN™

Caprylic/Capric Triglyceride -
Beta Vulgaris (Beet) Root Extract



Maintain hair vitality

Hair benefits

- Improves scale appearance (+62%) & global appearance (+57%) after 28 days

Mode of action

- Scalp soother: -36% PGE2, -29% IL1, -30% IL6,
- Reduces cell senescence (Beta galactosidase)

Nature
Marine beet

Solubility: liposoluble
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
Aminocids, lipids & vitamin biovector

Solubility: hydrodispersible
Form: liquid
Use level: 1-3%
PRESERVATIVE free



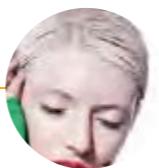
Scalp Care

AQUAXYL™

Xylitylglucoside - Anhydroxylitol - Xylitol



Reinforce & protect the scalp barrier



Benefits on volunteers

- In 24 hours increases by 139% of Ceramides 1 & 2 (ex vivo)
- +61% increase of key enzyme involved in Cholesterol synthesis

Nature

Natural sugar complex

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



ESCULANE™

Caprylic/Capric Triglyceride - Algae Extract - Laminaria Digitata Extract

Algal Origin (useable in China):
Alaria Esculenta

Purify scalp & reduce dandruff

Benefits on volunteers

- Anti-dandruff: -30%
- Reduce pruritus: -20% after 28 days
- Reduces itching for 82% of volunteers

Nature

Antibacterial, soothing & tonifying Laminarias

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



FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside



Decrease scalp irritation, dandruff, control scalp oiliness & odors

Benefits on volunteers

- In 10 shampoos:
- Scalp irritation is gone
 - Scalp oiliness is back to normal
 - Dandruff is drastically decreased

Nature

Natural Glycine & sugar biovector

Solubility: water soluble
Form: liquid
Use level: 5-10%
Preservative free



- Mode of action**
 - By acting on Malassezia yeast & limiting sebum excess, helps decrease unpleasant odors on the scalp

SEA SATIN™

Caprylic/Capric Triglyceride - Beta Vulgaris (Beet) Root Extract



Scalp soother

Mode of action

- 29% IL1, -30% IL6
- Reduces cell senescence

Nature

Marine beet

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



SEPICALM™ SWP

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

Nature

Mineral and aminoacid Lipobiovector™

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



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 and vitamin Lipobiovector™

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



SEPTONIC™ M3

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%

*NEW version available:
Preservative free*



Botanical extracts

Brown Seaweed

Fucus vesiculosus

PHYCOL™ FV BG PF

Aqua/Water - Butylene Glycol - *Fucus Vesiculosus* Extract**Solubility:** water

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

Laminaria digitata

PHYCOL™ LD BG PF

Aqua/Water - Butylene Glycol - *Laminaria Digitata* Extract**Solubility:** water

Laminaria digitata

OLEAPHYCOL LD

Caprylic/Capric Triglyceride - *Laminaria Digitata* Extract**Solubility:** oil
Preservative free

Pelvetia canaliculata

PHYCOL™ PC BG PF

Aqua/Water - Butylene Glycol - *Pelvetia Canaliculata* Extract**Solubility:** water

Undaria pinnatifida

PHYCOL™ UP BG PF

Aqua/Water - Butylene Glycol - *Undaria Pinnatifida* Extract**Solubility:** water

Blue Seaweed

Spirulina

SPIRULINE CONCENTREE

Aqua/Water - *Spirulina Platensis* Extract**Solubility:** water
Preservative free

Spirulina

SPIRULINE AP

Aqua/Water - Butylene Glycol - *Spirulina Platensis* Extract**Solubility:** water

Green Seaweed

Enteromorpha compressa

PHYCOL™ EC BG PF

Aqua/Water - Butylene Glycol - *Enteromorpha Compressa* Extract**Solubility:** water

Ulva lactuca

PHYCOL™ UL BG PF

Aqua/Water - Butylene Glycol - *Ulva Lactuca* Extract**Solubility:** water

Red Seaweed

Chondrus crispus

PHYCOL™ CC BG PF

Aqua/Water - Butylene Glycol - *Chondrus Crispus* Extract**Solubility:** water

Halophilic Botanical

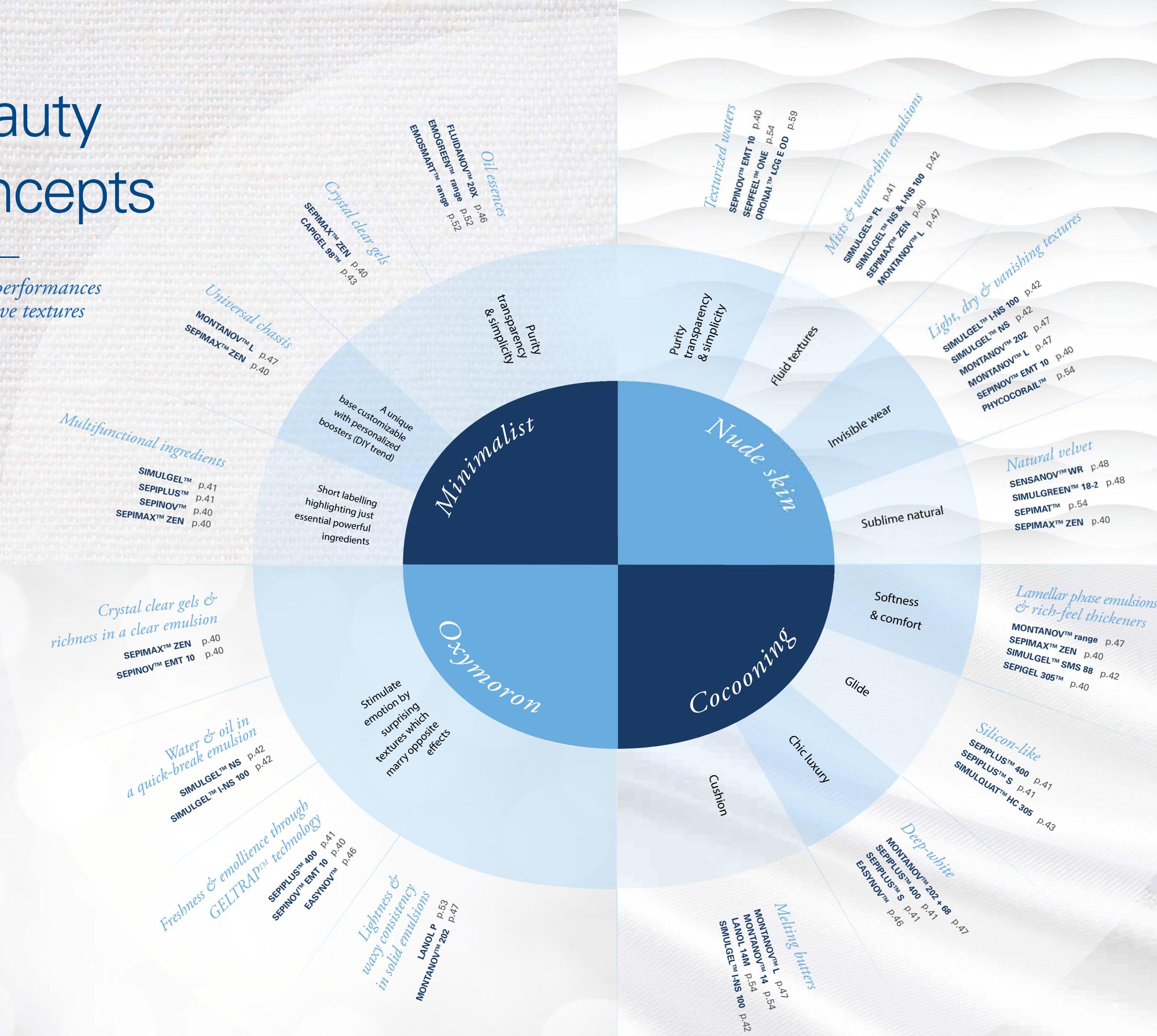
Codium maritimum

PHYCOL™ CM BG PF

Aqua/Water - Butylene Glycol - *Codium Maritimum* Extract**Solubility:** water

Beauty concepts

Unique performances & Creative textures





POLYMERIC THICKENERS & STABILIZERS

*Unique performance
& attractive textures*

By adding emulsifying & texturing functions to polymeric structures, **SEPPIC Beauty Care reinvents formulation.** Must-have ingredients opening 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

A-Z Index

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Polymeric thickeners & Stabilizers

Anionic powders

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6



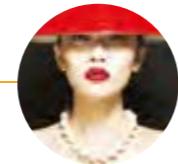
Boost creativity with serenity

Benefits

- Maximum resistance to electrolytes
- pH of use: 2-8
- Produces clear gels
- Suspending properties
- Highly compatible with ethanol & solvents

Sensorial profile

- Elegant velvety skin feel



Type: anionic

Form: pre-neutralized powder

Function: thickening, stabilizing, suspending, texturizing
Preservative free

SEPINOV™ EMT 10

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer



Outstanding versatile power

Benefits

- Effective at low concentration
- Resistance to electrolytes
- Excellent stabilizing properties even with a high level of oil
- pH of use: 3-12
- Produces translucent gels
- Hygiene application: sensory benefit in foaming formulation

Sensorial profile

- «Satin» touch, fresh, glide-on



SEPINOV™ P88

Sodium Acrylate/Acryloyl Dimethyltaurate/Dimethylacrylamide Crosspolymer



EO free silky sensation

Benefits

- Polymer compatible with ethylene oxide free formulas
- Resistance to electrolytes
- pH of use: 3-12
- DHA compatible

Sensorial profile

- «Satin» touch, fresh, glide-on



SEPINOV™ WEO

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer



EO free universal concept

Benefits

- Universal polymer compatible with ethylene oxide free formulas
- Stabilizing properties even with a high level of oil
- Resistance to electrolytes
- pH of use: 3-12
- DHA compatible

Sensorial profile

- Satin & light touch



Anionic latex



SEPIGEL 305™

Polyacrylamide - C13-14 Isoparaffin - Laureth-7



The original solution

Benefits

- The original solution as multifunctional polymer
- pH of use: 3-12

Sensorial profile

- Rich & unctuous



COSMETICS



COSMETICS



COSMOS APPROVED



NATRUE APPROVED



GREENPALM PROGRAMME



BIO-BASED CONTENT AVAILABLE

SEPIPLUS™ 265

Acrylamide/Ammonium Acrylate Copolymer - Polyisobutene - Polysorbate 20



Concentrated performance

Benefits

- Concentrated latex
- Resistance to electrolytes
- pH of use: 5.5-12

Sensorial profile

- Velvet texture, glide-on sensation & easy spreading

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



SEPIPLUS™ 400

Polyacrylate-13 - Polyisobutene - Polysorbate 20



Elegant touch

Benefits

- Concentrated latex
- Resistance to electrolytes
- pH of use: 3-12

Sensorial profile

- Silicone touch, glide-on sensation & easy spreading

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



SEPIPLUS™ S

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



Absolute comfort

Benefits

- Concentrated latex
- Very good resistance to electrolytes thanks to associative behavior
- pH of use: 3-12
- DHA compatible

Sensorial profile

- Long lasting comfortable powdery sensation

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



SIMULGEL™ 600

Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80



305 remodeled

Benefits

- pH of use: 3-12

Sensorial profile

- Soft & supple

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



SIMULGEL™ EG

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



Excellent gentleness

Benefits

- pH of use: 5.5-12

Sensorial profile

- Soft & light texture

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



SIMULGEL™ EPG

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



EO free alternative

Benefits

- Compatible with ethylene oxide free formulas

Sensorial profile

- Soft & light texture

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

Sensorial profile

- Soft & light texture

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



POLYMERIC THICKENERS & STABILIZERS

Anionic latex

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
- pH of use: 3-12

Sensorial profile

- Quick break fresh texture

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

Preservative free



SIMULGEL™ NS

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



Bio-based solution for sprayable to thick texture

Benefits

- Based on vegetable squalane
- For sprayable, ultra fluid to very thick formulas
- pH of use: 3-12

Sensorial profile

- Fresh, melting texture

Type: anionic

Form: pre-neutralized liquid

Function: thickening, stabilizing, texturizing

Preservative free



SIMULGEL™ SMS 88

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

Natural gums

GELALG™ SPE

Aqua/Water - Chondrus Crispus Extract



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 % renewable carbon



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 / SEPIPLUS™ S & SEPINOV™ Range

Sensorial profile

- Infinite & comfortable softness

Type: non ionic

Form: powder

Function: thickening, texturizing, stabilizing

Preservative free

EO free

100 % renewable carbon



Cationic latex

SIMULQUAT™ HC 305

Acrylamidopropyltrimonium Chloride/Acrylates Copolymer - Isohexadecane and Coceth-7



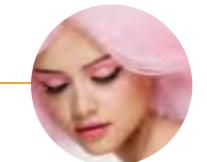
Cationic texturizer

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

SCIENCE DES POLYMERES • SCIENCE

POLYMERIC THICKENERS & STABILIZERS

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

SCIENCE DES POLYMERES • SCIENCE

POLYMERIC THICKENERS & STABILIZERS

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6



Boost creativity with serenity

Benefits

- Maximum resistance to electrolytes
- pH of use: 2-8
- Produces clear gels
- Suspending properties
- Highly compatible with ethanol & solvents

Sensorial profile

- Brings softness to the lather



Type: anionic
Form: pre-neutralized powder
Function: thickening, stabilizing, suspending, texturizing
Preservative free

SCIENCE DES POLYMERES • SCIENCE

POLYMERIC THICKENERS & STABILIZERS

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 % renewable carbon

CHIMIE DU VEGETAL • BIO-BASED CHEMISTRY

VEGETAL • BIO-BASED CHEMISTRY

SOLAGUM™ TARA

Caesalpinia Spinosa Gum



Elegant booster

Benefits

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

Sensorial profile

- Hair wrapped in softness



Type: non ionic
Form: powder
Function: thickening, texturizing, stabilizing
Preservative free
EO free
100 % renewable carbon

CHIMIE DU VEGETAL • BIO-BASED CHEMISTRY

VEGETAL • BIO-BASED CHEMISTRY



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

A-Z Index

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Emulsifiers

Specialty bio-based emulsifiers

EASYNOW™

Octylidodecanol - Octylidodecyl
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

FLUIDANOV™ 20X

Octylidodecanol - Octylidodecyl
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

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

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



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



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



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



NATRUE APPROVED
RSPO GREENPALM PROGRAMME
BIO-BASED CONTENT AVAILABLE

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 & 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
Also available in Mass Balance grade



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



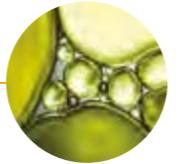
Softness & water resistance

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



SIMULGREEN™ 18-2

Hydroxystearyl Alcohol -
Hydroxystearyl Glucoside



Nude skin & non-soaping effect

Benefits

- Good emulsifying properties: emulsifies easily all types of oils up to 40%, especially vegetable oils
- Non soaping effect even in green formulations
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 8 hours
- Fluid to cream textures

Sensorial profile

- Light, nude skin sensation & soft after 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™ 40

Sorbitan Palmitate



Form: solid flakes
Function: lipophilic emulsifier
HLB= 6.7
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™ 40 DF

Polysorbate 40



Form: liquid
Function: hydrophilic emulsifier
HLB= 15.8
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



MONTANOX™ 85 VG DF

Polysorbate 85



Form: liquid
Function: hydrophilic emulsifier
HLB= 11
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-20



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



CHINA COMPLIANT



QD ADDITIVE



COSMETICS



COSMETICS



COSMOS APPROVED



NATRUE APPROVED



GREEN PALM SUSTAINABILITY

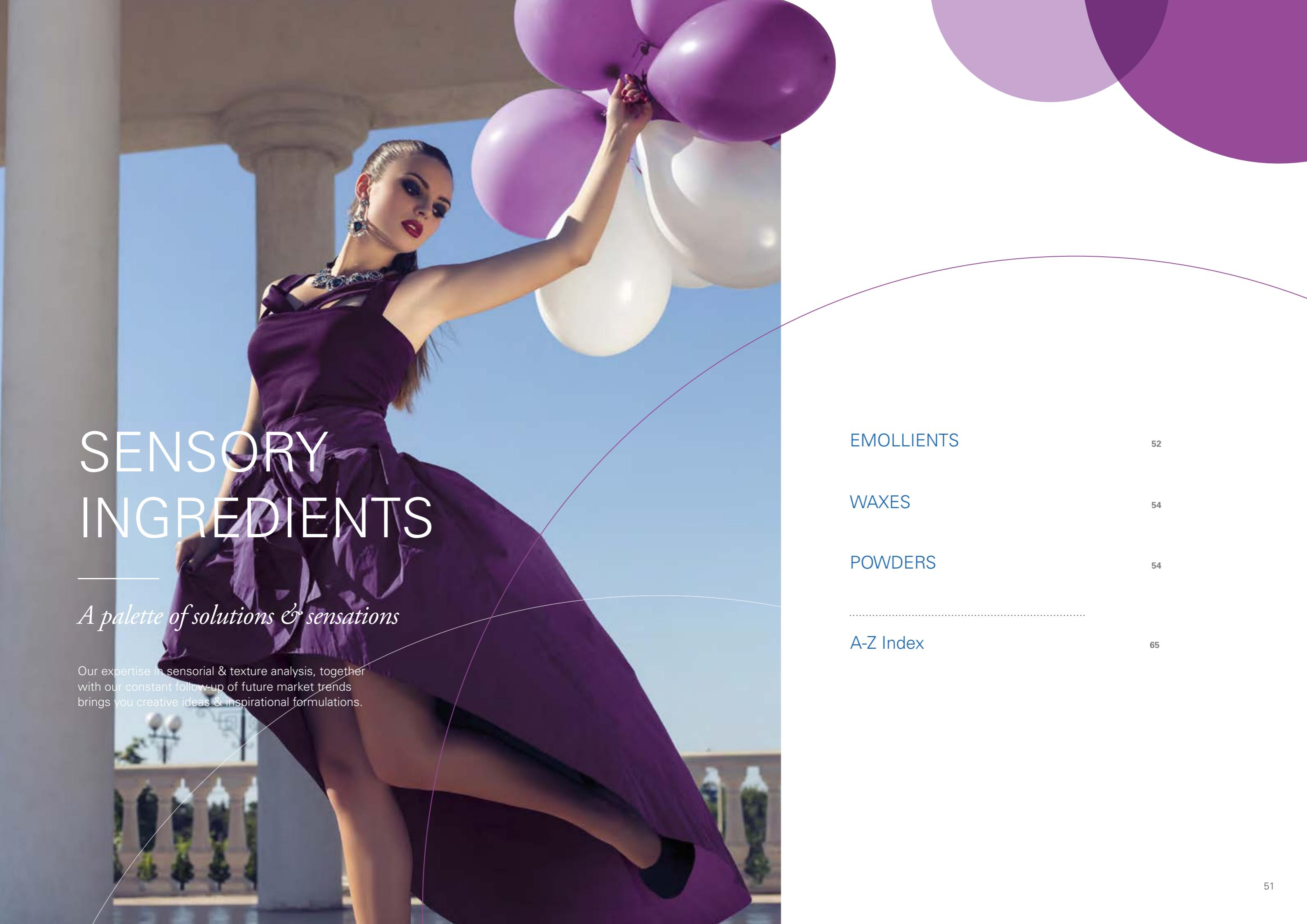


RSPO GREEN PALM PROGRAMME



BIO-BASED CONTENT AVAILABLE



A woman in a purple dress holding balloons.

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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Texturizing agents

Emollients

EMOGREEN™* L15

C15-19 Alkane
(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™* L19

C15-19 Alkane
(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™** 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™** 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™** 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™** 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

*GEMSEAL® Biolife Natural Alkane / *GEMSEAL® Specialty Alkane

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

- Superfattening agent

Sensorial profile

- Soft & light

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



LANOL 37T

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 silicon oils

Sensorial profile

- Soft & light

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



OLIGOGELINE™ PF

Aqua/Water - Chondrus Crispus Extract



Marine silicone

Benefits

- Silk & glide: the perfect silicone-substitute film-forming

Sensorial profile

- Silicone-like

Solubility: hydrosoluble
Use level: 3%
Form: gel
Function: emollient
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

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 Extract -
Mannitol - Diatomaceous Earth -
Zinc Sulfate



Ocean powder

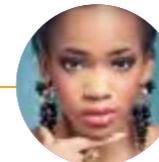
Mode of action

- 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



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



CHINA COMPLIANT



QD ADDITIVE



COSMETICS



COSMOS APPROVED



NATRUE APPROVED



GREENPALM PROGRAMME



RSPO GREENPALM PROGRAMME



BIO-BASED CONTENT AVAILABLE

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

SOLUBILITÉ

• lipodispersible

FORME

• powder

FONCTION

• texturizer

TAILLE DES PARTİCULS

• 5 to 15 µ

PROTECTION CONTRE LES PRESERVATIFS

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

SOLUBILITÉ

• hydro & lipo-dispersible

FORME

• powder

FONCTION

• texturizing agent

TAILLE DES PARTİCULS

• 5 to 15 µ

PROTECTION CONTRE LES PRESERVATIFS

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/S emulsions)

Sensorial profile

- Powdery textures
- Ultimate softness & silky afterfeel

SOLUBILITÉ

• hydro & lipo-dispersible

FORME

• powder

FONCTION

• texturizing agent

TAILLE DES PARTİCULS

• 5 to 15 µ

PROTECTION CONTRE LES PRESERVATIFS

SEPIMAT™ P

Polymethyl Methacrylate



Hydro-crazy texture

Benefits

- Solid & smooth, sphere : perfect choice for all types of skin care formulation

Sensorial profile

- Soft afterfeel

SOLUBILITÉ

• hydro-dispersible

FORME

• powder

FONCTION

• texturizing agent

TAILLE DES PARTİCULS

• 5 to 15 µ

PROTECTION CONTRE LES PRESERVATIFS

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

SOLUBILITÉ

• hydro & lipo-dispersible

FORME

• powder

FONCTION

• texturizing agent

TAILLE DES PARTİCULS

• 1 to 5 µ

PROTECTION CONTRE LES PRESERVATIFS

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

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

SCRUBS

PRESERVATIVES & BOOSTERS

Preservatives / Boosters

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Foaming & Solubilizing agents

Aminoacid derived surfactants

ORAMIX™ L 30

Sodium Lauroyl Sarcosinate



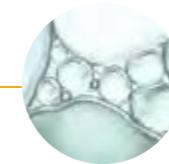
Top choice for SLES free

Benefits

- Alternative to SLES in sulfate-free formulations
- Produces soft & abundant foam

Sensorial profile

- Abundant foam



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



PROTEOL™ APL

Sodium Cocoyl Apple Amino Acids



Naturally inspired creamy textures

Benefits

- Derived from amino acids characteristic of apple juice
- Provides a dense, abundant & stable foam
- Excellent eye & skin tolerance
- Sulfate free

Sensorial profile

- Dense & abundant foam

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



PROTEOL™ OAT PF

Sodium Lauroyl Oat Amino Acids



Unlimited mildness, gentle cleansing

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
- Sulfate free

Sensorial profile

- Dense & abundant foam

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



SOMEPON™ T 25

Sodium Methyl Cocoyl Taurate



Purely foam, no stripping effects

Benefits

- Ultra gentle surfactant
- Provides abundant & creamy, soap-like foam
- Sulfate free

Sensorial profile

- Creamy, rich soap-like foam

Type: anionic
Form: liquid to pasty
Function: foaming
Dry extract: 24%
Preservative free



Glucose based surfactants

ORAMIX™ CG 110

Caprylyl/Capryl/Glucoside



100% bio-based foaming & solubilizing

Benefits

Sensorial profile

- Fine & abundant foam



ORAMIX™ NS 10

Decyl Glucoside

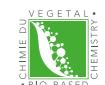


100% bio-based high foaming power

Benefits

Sensorial profile

- Abundant foam



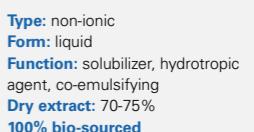
SEPICLEAR G7™

Heptyl Glucoside



100% bio-based hydrophilic stabilizer

Benefits



FUNCTIONAL ADDITIVES



Specific blends

ORAMIX™ GB 10

Decyl Glucoside - Cocamidopropyl Betaine

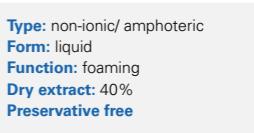


The cold climate optimal blend

Benefits

Sensorial profile

- Abundant foam



ORONAL LCG E OD

PEG-40 Glyceryl Cocoate - Sodium Coceth Sulfate

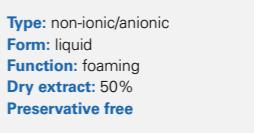


Extreme mildness

Benefits

Sensorial profile

- Delicate foam



Others

AMONYL™ 380 BA

Cocamidopropyl Betaine



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

Type: amphoteric
Form: liquid
Dry extract: 35%

Function: foaming
Preservative free



Scrubs

AMONYL™ 675 SB

Cocamidopropyl Hydroxysultaine



- Sulfobetaine
- Substantivity enhanced at acidic pH values
- Provides a fine foam that is stable over time
- Easy to thicken
- Sulfate free

Type: amphoteric
Form: liquid
Dry extract: 50%

Function: foaming
Preservative free

**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

**SIMULSOL™ P 23**

Laureth-23



- Non-ionic surfactant

Type: non-ionic
Form: wax
HLB: 16.9

Function: solubilizer,
thickener
Preservative free



Scrubs

**MICRO ALGUE 80**Diatomaceous Earth (*Solum Diatomae*)*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



Expert solutions

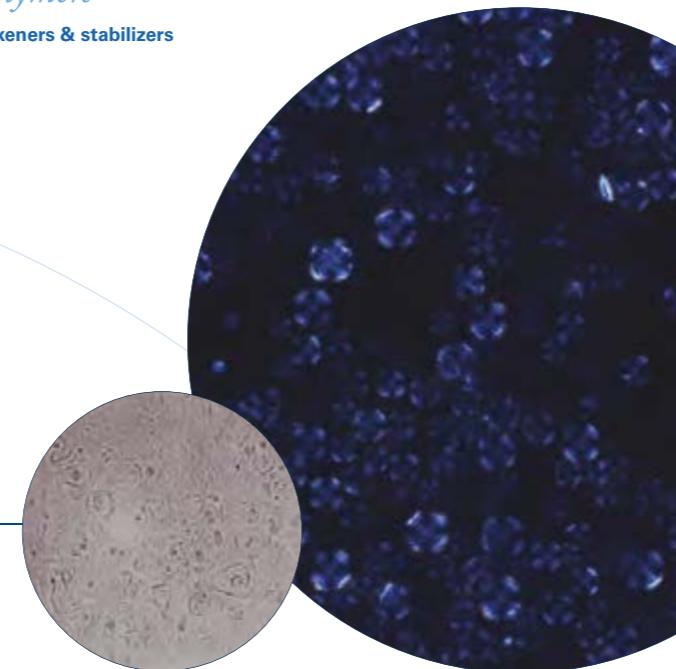
SEPPIC Beauty Care offers you a large variety of expert formulations that fit your needs. Among which...



CREAM GEL TEXTURES

With our HSD polymers

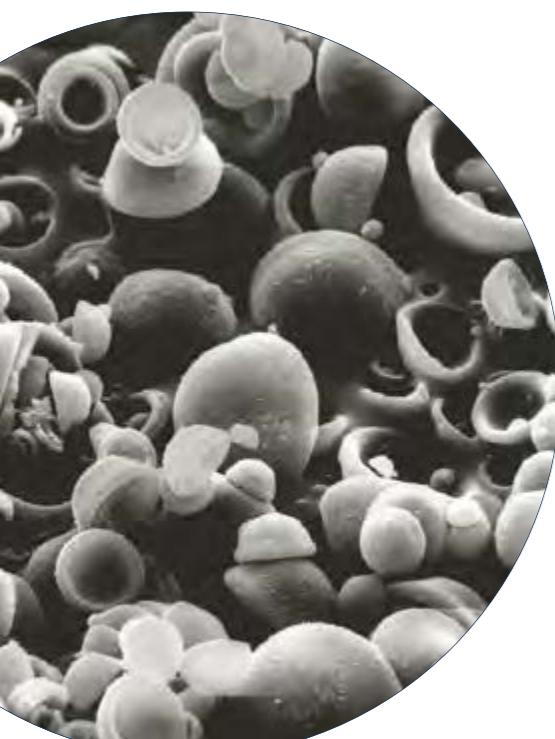
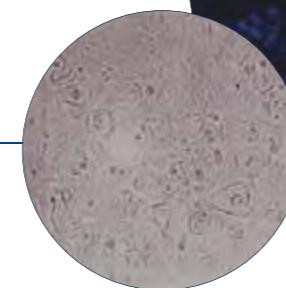
See p.40 our polymeric thickeners & stabilizers



LIQUID CRYSTALS EMULSIONS & LAMELLAR PHASES

With our glycolipids emulsifiers

See p.47 our specialty bio-based emulsifiers



TEXTURIZING POWDERS

Spheric, hollow, marine... a full palette to customize your sensorials

Discover SEPIMAT™, PHYCOCORAIL™ p.54

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See legend page 71

PYRENOINE™ PF	15	Butylene Glycol - Aqua/Water - Algae Extract Algal Origin: <i>Fucus Spiralis</i>			
RHODYSTEROL™ S	29	Propylene Glycol Diethylhexanoate - Gelidium Cartilagineum Extract - Phytosterols			
SCULPTOSANE™	28	Aqua/Water - Butylene Glycol - Plankton Extract - Arginine Ferulate Plankton Origin: (<i>species</i>) <i>Scenedesmus Obliquus</i>			
SEA LAVENDER HC	33	Aqua/Water - Butylene Glycol - Limonium Gerberi Extract			
SEA LAVENDER SC	17	Caprylic/Capric Triglyceride - Limonium Gerberi Extract			
SEA MAYWEED SC	19	Aqua/Water - Tripleurospermum Maritimum Extract			
SEA SATIN™	33, 34	Caprylic/Capric Triglyceride - Beta Vulgaris (Beet) Root Extract			
SEASHINE™	22	Aqua/Water - Butylene Glycol - Algae Extract Algal Origin: <i>Alaria Esculenta</i> - <i>Undaria Pinnatifida</i>			
SEA STARWORT BG	19	Aqua/Water - Butylene Glycol - Aster Maritima/Tripolium Extract			
SEA STARWORT OIL	19	Caprylic/Capric Triglyceride - Aster Maritima/Tripolium Extract			
SEAMOSS™ BG PF	27	Butylene Glycol - Aqua/Water - Chondrus Crispus Extract			
SEL GRAIN™	29, 61	Sea Salt			
SENSANOV™ WR	48	C20-22 Alkyl Phosphate - C20-22 Alcohols			
SEICALM™ SWP	19, 27, 34	Sodium Cocoyl Amino Acids - Sarcosine - Potassium Aspartate - Magnesium Aspartate			
SEICALM™ VG WP	22	Sodium Palmitoyl Proline - Nymphaea Alba Flower Extract			
SEICAP™ MP	33, 34	Sodium Cocoyl Amino Acids - Potassium Dimethicone PEG-7 Panthenyl Phosphate			
SEPICIDE™ HB	62	Phenoxyethanol - Methylparaben - Ethylparaben - Propylparaben - Butylparaben			
SEPICIDE™ LD	62	Phenoxyethanol			
SEPICLEAR G7™	59	Heptyl Glucoside			
SEPICONTROL™ A5	19, 25	Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract			
SEPIFEEL™ ONE	54	Palmitoyl Proline - Magnesium Palmitoyl Glutamate - Sodium Palmitoyl Sarcosinate			
SEPIGEL 305™	40	Polyacrylamide - C13-14 Isoparaffin - Laureth-7			
SEPLIFT™ DPHP	11, 12, 15, 28	Dipalmitoyl Hydroxyproline			
SEPIMAT™ CP 5	54	Methyl Methacrylate Crosspolymer			
SEPIMAT™ H10	25, 55	Methyl Methacrylate Crosspolymer - Paraffinum Liquidum - Silica			
SEPIMAT™ H10 FW	25, 55	Methyl Methacrylate Crosspolymer - Squalane			
SEPIMAT™ HB V	55	Methyl Methacrylate Crosspolymer			
SEPIMAT™ P	55	Polymethyl Methacrylate			
SEPIMAT™ SB	23, 55	Methyl Methacrylate Crosspolymer			
SEPIMAX™ ZEN	40, 43	Polyacrylate Crosspolymer-6			
SEPINOV™ EMT 10	40	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer			
SEPINOV™ P88	40	Sodium Acrylate/Acryloyl Dimethyltaurate/Dimethylacrylamide Crosspolymer			

SEPINOV™ WEO	40	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer			
SEPIPLUS™ 265	41	Acrylamide/Ammonium Acrylate Copolymer - Polysorbate 20			
SEPIPLUS™ 400	41	Polyacrylate-13 - Polysorbate 20			
SEPIPLUS™ S	41	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polysorbate 20 - PEG-7 Trimethylpropane Coconut Ether			
SEPIPRESS™ M	55	Acrylates Copolymer - Silica			
SEPITONIC™ M3	14, 15, 34	Magnesium Aspartate - Zinc Gluconate - Copper Gluconate			
SEPITONIC™ M4	14, 15	Magnesium Aspartate - Zinc Gluconate - Copper Gluconate - Calcium Gluconate			
SEPIVITAL	15, 18	Potassium Ascorbyl Tocopheryl Phosphate			
SEPIVINOL	16	Red Wine Extract			
SEPIWHITE™ MSH	22	Undecylenoyl Phenylalanine			
SEPIWHITE™ MSH QD	22	Undecylenoyl Phenylalanine			
SESAFLASH™	13	Glycerin - Acrylates Copolymer - VP/Polycarbonyl Polyglycol Ester Hydrolyzed Sesame Protein PG-Propyl Methylsilanediol			
SIMULGEL™ 600	41	Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer Isobehadecane - Polysorbate 80			
SIMULGEL™ EG	41	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isobehadecane - Polysorbate 80			
SIMULGEL™ EPG	41	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polysorbate - Capryl/Capril Glucoside			
SIMULGEL™ FL	41	Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60			
SIMULGEL™ I-NS 100	42	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60			
SIMULGEL™ NS	42	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Squalane - Polysorbate 60			
SIMULGEL™ SMS 88	42	Sodium Acrylate/Acryloyldimethyltaurate/Dimethylacrylamide Crosspolymer - Isohexadecane - Polysorbate 60			
SIMULGREEN™ 18-2	48	Hydroxystearyl Alcohol - Hydroxystearyl Glucoside			
SIMULQUAT™ HC 305	43	Acrylamidopropyltrimonium Chloride/Acrylics Copolymer - Isohexadecane - Cocteth-7			
SIMULSOL™ 1292 DF	60	PEG-25 Hydrogenated Castor Oil			
SIMULSOL™ 1293	60	PEG-40 Hydrogenated Castor Oil			
SIMULSOL™ 165	49	PEG-100 Stearate - Glyceryl Stearate			
SIMULSOL™ 220 TM	60	PEG-200 Glyceryl Stearate			
SIMULSOL™ 58	49	Ceteth-20			
SIMULSOL™ 68 PHA	49	Ceteareth-20			
SIMULSOL™ 98	49, 60	Oleth-20			
SIMULSOL™ CS	49	Ceteareth-33			
SIMULSOL™ P 23	60	Laureth-23			
SOLAGUM™ AX	42, 43	Acacia Senegal Gum - Xanthan Gum			
SOLAGUM™ TARA	42	Caesalpinia Spinosa Gum			

Legend

SOMEPO™ T 25	58	Sodium Methyl Cocoyl Taurate		
SPIRULINE AP	35	Aqua/Water - Butylene Glycol - Spirulina Platensis Extract		
SPIRULINE CONCENTREE	35	Aqua/Water - Spirulina Platensis Extract		
SUPERPHYCO-D™ BG PF	35	Aqua/Water - Butylene Glycol - Algae Extract		
SURVICODE™	11, 18	Sodium Cocoyl Alaninate		
THALASSINE 2™ G	11	Glycerin - Tripleurospermum Maritimum Extract		
TIMECODE™	11, 23	Palmitoyl Glycine		
VOLUFORM™	11, 12, 16, 28	Palmitoyl Isoleucine		

FUNCTION

- Actives
- Sensory Ingredients
- Emulsifiers
- Functional Additives
- Polymeric Thickeners & Stabilizers

TECHNOLOGY



Polymer
Science



Bio-based
Chemistry



Marine
Biotechnologies

APPROVALS



China Compliant:
all INCI names are listed on the IECIC list
of June 2014.



QD Additive:
approved as QD additive in Japan.



ECOCERT Cosmetics: raw material approved
by ECOCERT GREENLIFE, in conformity
with Ecocert natural and organic cosmetic
standard.



COSMOS Approved: raw material
approved by ECOCERT GREENLIFE,
in conformity with Cosmos standard.



NATRUE Approved: raw material certified
according to Natrue standard.



RSPO GreenPalm Programme:
supports the production of sustainable
palm oil through the GreenPalm
programme (Book&Claim certification).



Bio-Based Content Available:
the renewable content measured according to
the "Association Chimie Du Végétal" standard is
given in our Eco-Scorecard (ask us).

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Environmental calculator



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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: 72



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:



340 kg of CO₂ or
the equivalent of:



2 752 kg of landfill



3150 km of travel in
an average European car



6782 kWh of energy



72 565 liters of water



6750 kg of wood

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