

Beauty Care

Ingredient Book

SEPPIC

Ingredients that inspire

Seppic eco-designs #BeautyTomorrow

By your side throughout the world, Seppic imagines and develops ingredients for Active Beauty (proven benefits & attractive concepts) and for Sensorial Beauty (unique performance & creative textures), that provide cosmetic products and consumers with efficacy and emotions.



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Anti-aging

Firmness & Wrinkles

SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



The weapon against aging

Benefits on volunteers

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

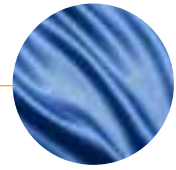
Mode of action

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

Nature

Hydroxyproline lipopeptides

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



TIMECODE™

Palmitoyl Glycine



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

Benefits on volunteers

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

Mode of action

- Targets the key aging markers (IL-6, Tenascin C, Dermopontin & MMP1)
- Plays the role of dermis architect

Nature

PAL GLY, the bliss molecule

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

VOLUFORM™

Palmitoyl Isoleucine



Volufirming technology

Benefits on volunteers

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

Mode of action

- Firming effect (reinforced dermal matrix): increase of contractile forces of fibroblasts: +94% after 48 hours
- Increases the dynamic interactions between fibroblasts & the dermal matrix: reorganization of dermis in only 2 hours

Nature

Isoleucine lipopeptides

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

Plumping

SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



Plump up lips, glamour effect guaranteed!

Benefits on volunteers

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

Nature

Hydroxyproline lipopeptides

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 lipopeptides

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

Dark circles

ADIPOLESS™ ECO

1,3-Propanediol - Aqua/Water -
Chenopodium Quinoa Seed Extract



Dark circles eraser!

Benefits on volunteers

- After 1 month, dark circles are strongly decreased:
-16 arbitrary units vs placebo on 90% of volunteers

Mode of action

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

Nature

Quinoa extract

Solubility: water soluble

Form: liquid

Use level: 2%

Other version available:

ADIPOLESS™
with solvent: **Butylene Glycol**



Energizing

SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate



A breath of oxygen & efficacy

Mode of action

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

Nature

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

Solubility: water soluble

Form: liquid

Use level: 1%

Preservative free



Anti-oxidant

Daily defense

SEPILIFT™ DPHP

Dipalmitoyl Hydroxyproline



Natural anti-aging defense for younger looking skin

Mode of action

- Neutralizes excess free primary radicals

Nature

Hydroxyproline lipoaminoacids

Solubility: amphiphilic

Form: powder

Use level: 1%

Preservative free



SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate



A breath of fresh air to de-stress the skin

Mode of action

- >80% protection against primary free radicals

Nature

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

Solubility: water soluble

Form: liquid

Use level: 1%

Preservative free

Detoxifying & Anti-pollution

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 lipoaminoacids

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



SEPITONIC™ M3.0

Magnesium Aspartate - Zinc Gluconate -
Copper Gluconate



A breath of fresh air to de-stress the skin

Mode of action

- >80% protection against primary free radicals
- Protection of the mitochondria from dysfunctions due to indoor pollution stress

Nature

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

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

Lightening

Skin complexion

SEPICALM™ VG WP

Sodium Palmitoyl Proline -
Nymphaea Alba Flower Extract



Perfect lightener

Benefits on volunteers

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

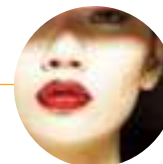
Mode of action

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

Nature

Combination of lily flowers & palmitoyl proline

Solubility: amphiphilic
Form: liquid
Use level: 3%



SEPIWHITE™ MSH QD

Undecylenoyl Phenylalanine



QD approved lightening booster

Benefits on volunteers

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

Nature

Phenylalanine lipoaminoacids

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

Radiance

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



Healthy skin

CERAMOSIDES™ HP

Glycosphingolipids - Glycolipids



Phytoceramides for a perfect skin

Benefits on volunteers

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

Mode of action

- Firmness: +33% protection of collagen fibers (TIMP1)
- Elasticity: +47% protection of elastin fibers
- Anti-oxidant: +39.2% protection against superoxide radicals

Nature

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

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



Purifying

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside



Skin balance

Scalp & skin cocoon protector

Benefits on volunteers

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

Nature

Natural glycine & sugar lipoaminoacids

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

Other version available:

LIPACIDE™ C8G (purified powder form)



LIPACIDE™ C8G

Capryloyl Glycine



Overall Iconic Purifier

Benefits on volunteers

- Helps restore the skin natural acidic pH
- Purifies oily scalp from 2 weeks
- Up to -74% imperfections on mask zone (maskne)
- Visibly refines skin : -46% pore appearance
- 40% roughness score

Mode of action

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

Nature

Glycine lipoaminoacids

Solubility: water soluble at pH 5 - 5.5
Form: powder
Use level: 0.5 to 2%
Preservative free

Other version available:

FLUIDIPURE™ 8G (liquid form)

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 lipoaminoacids

Solubility: water soluble at pH 7
Form: powder
Use level: 0.5 to 2%
Preservative free

Oil control

SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract



Limit sebum excess of acne prone skin

Benefits on volunteers

- Reduces the sebum production at the skin surface by 20%
- -78% less comedones

Mode of action

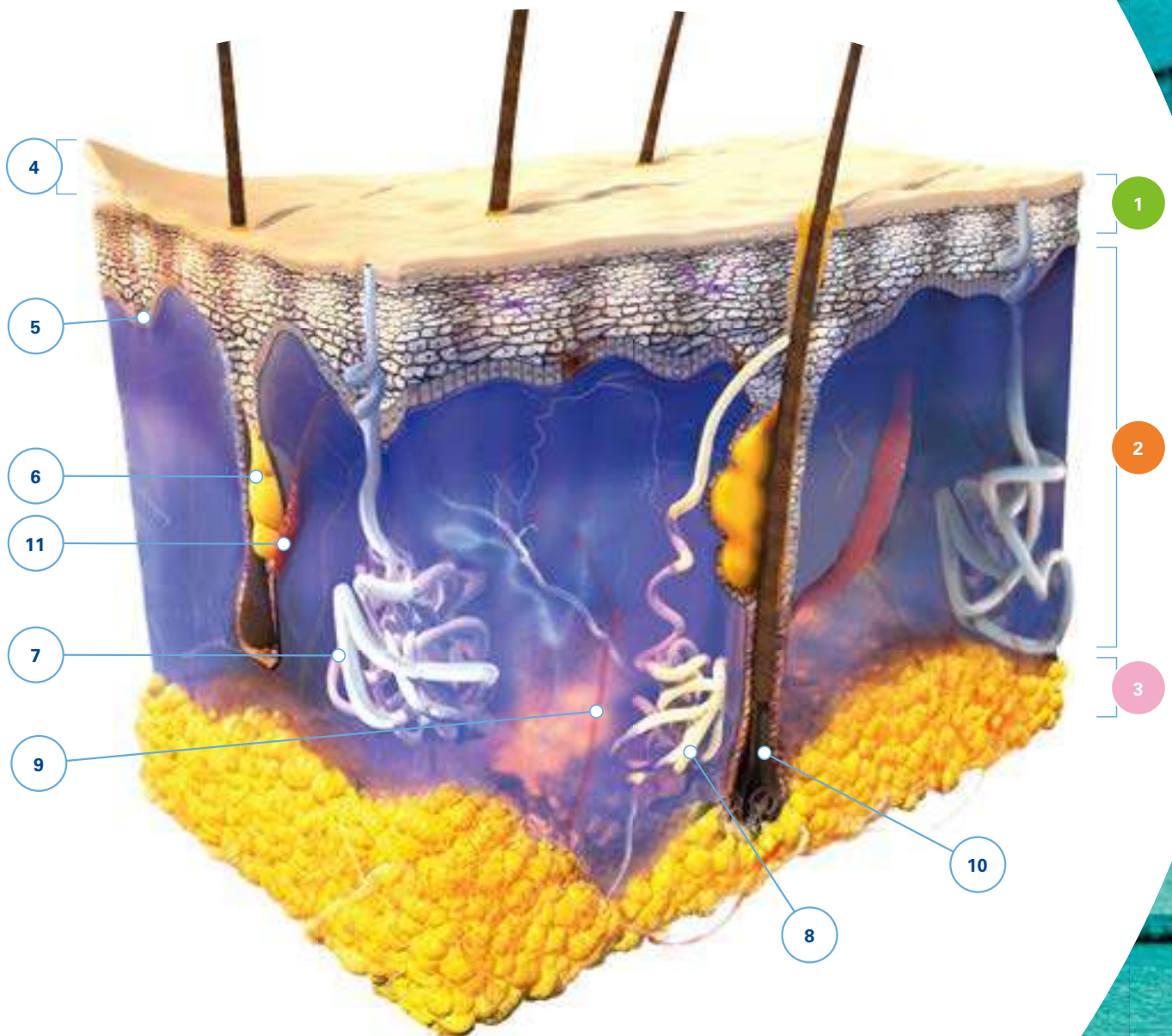
- Inhibits microbial growth: *C. acnes*, *S. aureus* & *S. epidermidis*
- Reduces bacterial lipase activity by 71%

Nature

Spicy cocktail of cinnamon & glycine lipoaminoacids

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

Skin biology

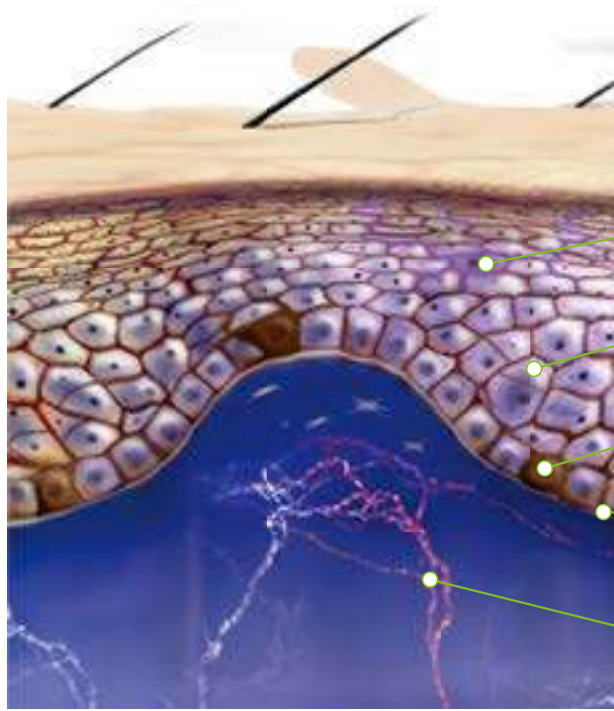


SKIN

- | | |
|----------------------------|------------------------|
| 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 | |

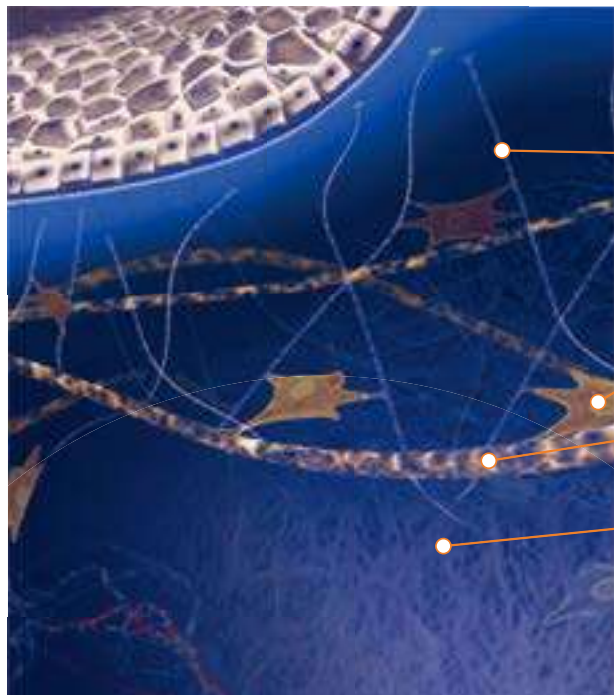
● EPIDERMIS

- 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



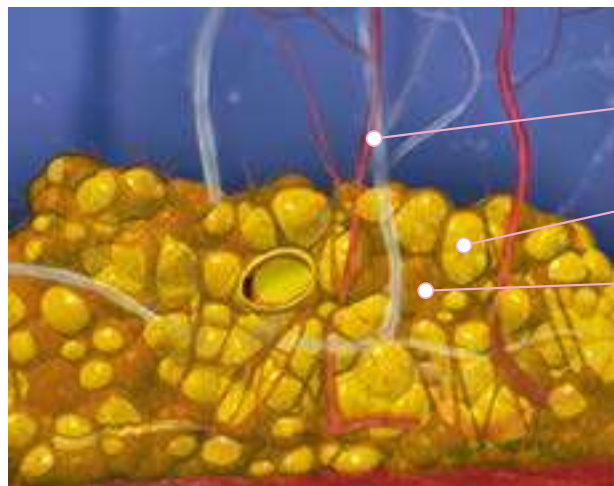
● DERMIS

- ① Epidermis
- ② Dermo-epidermal junction
- ③ Fibroblast
- ④ Collagen fiber
- ⑤ Elastin fiber
- ⑥ Ground substance
- ⑦ Papillar dermis
- ⑧ Reticular dermis



● HYPODERMIS

- ① Adipocyte
- ② Vascular network
- ③ Connective tissue



Acne prone skin & maskne

SEPICONTROL™ A5

Capryloyl Glycine - Sarcosine -
Cinnamomum Zeylanicum Bark Extract



Seboregulating expert of acne prone skin

Benefits on volunteers

- -78% less comedones
- -20% less sebum production

Mode of action

- Inhibits microbial growth: *C. acnes*, *S. aureus* & *S. epidermidis*
- Increases natural skin immune & anti-microbial defense +46% HBD2 (defensin)
- Controls hyperkeratinization: -60% less Filaggrin
- Helps to control inflammation better than salicylic acid: -73% of IL-1 α , -80% Elastase activity, -44% superoxide anion release, -71% bacterial lipase activity

Nature

Spicy cocktail of cinnamon & glycine lipoaminoacids

Solubility: hydrophilic

Form: brown liquid

Use level: 4%

Preservative free

LIPACIDE™ C8G

Capryloyl Glycine



Overall Iconic Purifier - Validated on Maskne

Benefits on volunteers

- Maskne efficacy: reduction of imperfections on mask zone (up to -74%)
- Visibly refines skin: -46% pore appearance, -40% roughness score

Mode of action

- Inhibits proliferation of germs responsible of acne
- Limit excess of sebum

Nature

Glycine lipoaminoacids

Solubility: water soluble at pH 5 - 5.5

Form: powder

Use level: 0.5 to 2%

Preservative free

Skin & Microbiota homeostasis

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine -
Xylitylglucoside



Scalp & skin cocoon protector

Benefits on volunteers

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

Nature

Natural glycine & sugar lipoaminoacids

Solubility: water soluble

Form: liquid

Use level: 2.5 to 5%

Preservative free



Pore minimizer

CERAMOSIDES™ HP

Glycosphingolipids - Glycolipids



The essence of a perfect skin

Benefits on volunteers

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

Mode of action

- Firmness: +33% protection of collagen fibers (TIMP1)
- Elasticity: +47% protection of elastin fibers
- Anti-oxidant: +39.2% protection against superoxide radicals

Nature

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

Solubility: oil & water dispersible

Form: powder

Use level: 0.2 %

Preservative free

Hydration

Moisturization

AQUAXYL™

Xylitylglucoside - Anhydroxylitol - Xylitol



A 3D hydration boosting Hyaluronic acid production

Benefits on volunteers

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

Mode of action

- Hyaluronic acid booster at epidermal (+24%) & dermal (+20%) levels
- 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

SEPICALM™ S WP

Sodium Cocoyl Aminoacids - Sarcosine - Potassium Aspartate - Magnesium Aspartate



Increase skin comfort for sensitive skin

Benefits on volunteers

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

Nature

Minerals + lipoaminoacids cocktail

Solubility: water soluble

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

Mode of action

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

Nature

Natural sugar complex

Solubility: water soluble

Form: liquid

Use level: 3%

Preservative free

CERAMOSIDES™ HP

Glycosphingolipids - Glycolipids



Phytoceramides barrier

Benefits on volunteers

- Effects on superficial skin layers hydration: +50% (as immediate effect) & +20% (as continuous effect)

Mode of action

- Elasticity: 47% protection of elastin fibers
- Antioxidant activity: 39.2% protection against superoxide radicals

Nature

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

Solubility: oil & water dispersible

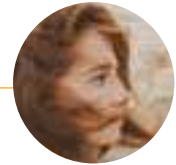
Form: powder

Use level: 0.2 %

Preservative free

Soothing: Redness & Reactivity

Skin relief



SEPICALM™ SWP

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



The complete anti-stress protection

Benefits on volunteers

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

Mode of action

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

Nature

Minerals + lipoaminoacids cocktail

Solubility: water soluble

Form: liquid

Use level: 3%

Preservative free

Mood enhancer

CERAMOSIDES™ HP

Glycosphingolipids - Glycolipids



Maintaining an healthy-looking skin

Benefits on volunteers

- Effects on superficial skin layers hydration: +50% (immediate effect) & +20% (continuous effect)
- Booster of positive emotions & self-esteem

Mode of action

- Elasticity: 47% protection of elastin fibers
- Antioxidant activity: 39.2% protection against superoxide radicals

Nature

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

Solubility: oil & water dispersible

Form: powder

Use level: 0.2 %

Preservative free

SEPICALM™ SWP

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



Soothing & Happiness Lipoaminoacids

Benefits on volunteers

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

Mode of action

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

Nature

Minerals + lipoaminoacids cocktail

Solubility: water soluble

Form: liquid

Use level: 3%

Preservative free

Firming & Stretchmark control

Body specifics

SEPIlift™ DPHP

Dipalmitoyl Hydroxyproline



Strengthen & rejuvenate the skin

Mode of action

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

Nature

Hydroxyproline lipoaminoacids

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

Nature

Isoleucine lipoaminoacids

Solubility: amphiphilic

Form: powder

Use level: 1%

Slimming

ADIPOLESS™ ECO

1,3-Propanediol - Aqua/Water -
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%

Other version available:

ADIPOLESS™
with solvent: **Butylene Glycol**

ADIPOSLIM™

Sorbitan Laurate - Lauroyl Proline



The "curative" slimming active

Benefits on volunteers

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

Mode of action

- -90% fatty acid entrance in adipocytes
- Increases lipolysis in male & female adipocytes (better than caffeine)
- +201% AMPc (lipolysis activator)
- -96% Phosphodiesterase-3 (lipolysis inhibitor)
- Adrenergic receptors ($\alpha 2$, β) regulation
- +60-62% fat recycled into ATP

Nature

Proline lipoaminoacids

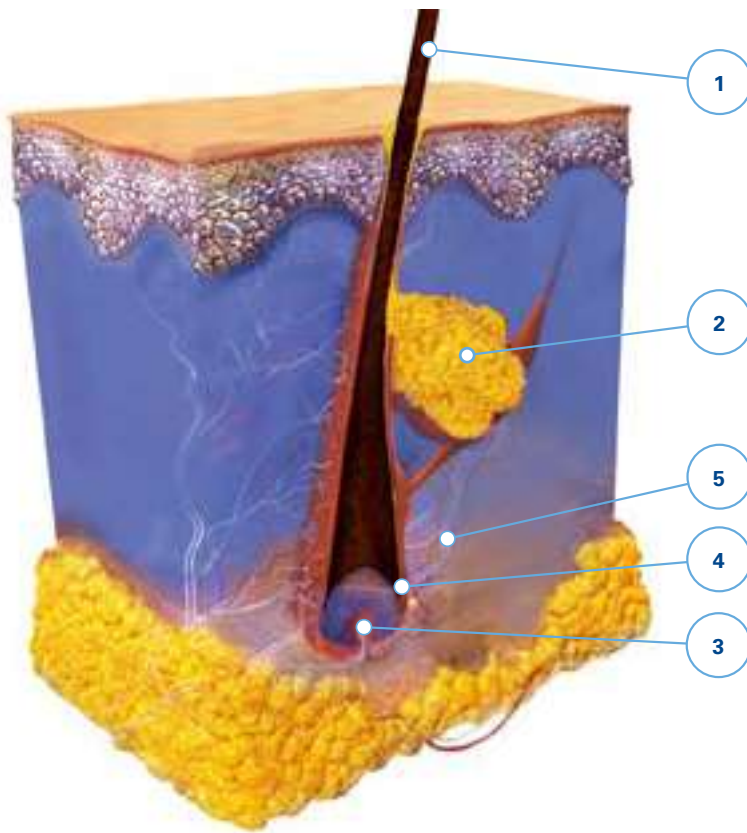
Solubility: amphiphilic

Form: liquid

Use level: 3%

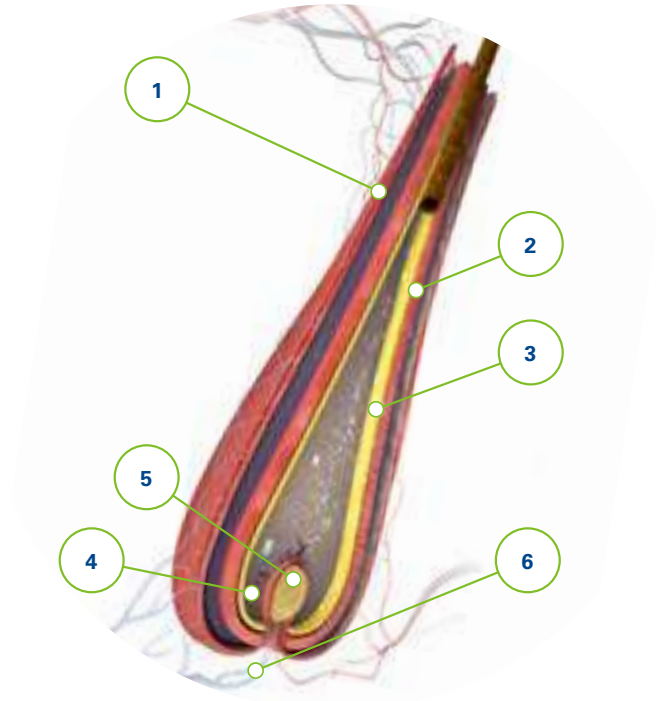
Preservative free

Hair biology



PILOSEBACEOUS UNIT

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

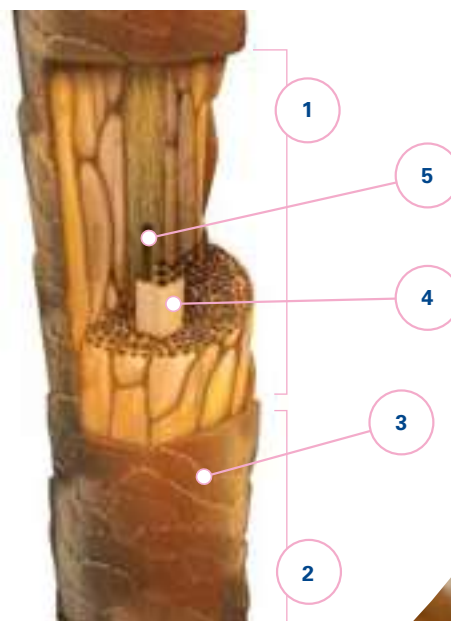


HAIR BULB

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

HAIR LONGITUDINAL SECTION

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



**SEPICAP™ MP**

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

*Hair nutrition & protection from roots to tip***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

Biovectorized amino acids (lipoaminoacids) & vitamin

Solubility: hydrodispersible

Form: liquid

Use level: 1 to 3%

Preservative free

XYLISHINE™

Xylitylglucoside - Anhydroxylitol - Maltitol - Xylitol - Pelvetia Canaliculata Extract

*The shine of moisturized hair!***Hair benefits**

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

Mode of action

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

Nature

Wood & seaweed sugar complex

Solubility: water soluble

Form: liquid

Use level: 3%

Scalp Care

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside

*Scalp & skin cocoon protector***Benefits on volunteers**

Within 10 shampoos at 2.5%:

- Scalp irritation is significantly reduced
- Dandruff are drastically decreased
- Bad odour intensity is significantly reduced

Mode of action

- Contributing to the microbiota balance, it helps decreasing dandruff & unpleasant odours on the scalp

Nature

Biovectorized glycine (lipoaminoacids) & sugar

Solubility: water soluble

Form: liquid

Use level: 2.5 to 5%

Preservative free

Other version available:

LIPACIDE™ C8G (purified powder form, see page 19)

SEPICAP™ MP

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

*Scalp daily defense***Mode of action**

- +53% cell division after heat stress
- +86% protein metabolism after heat stress

Nature

Biovectorized amino acids (lipoaminoacids) & vitamin

Solubility: hydrodispersible

Form: liquid

Use level: 1 to 3%

Preservative free

POLYMERIC THICKENERS & STABILIZERS

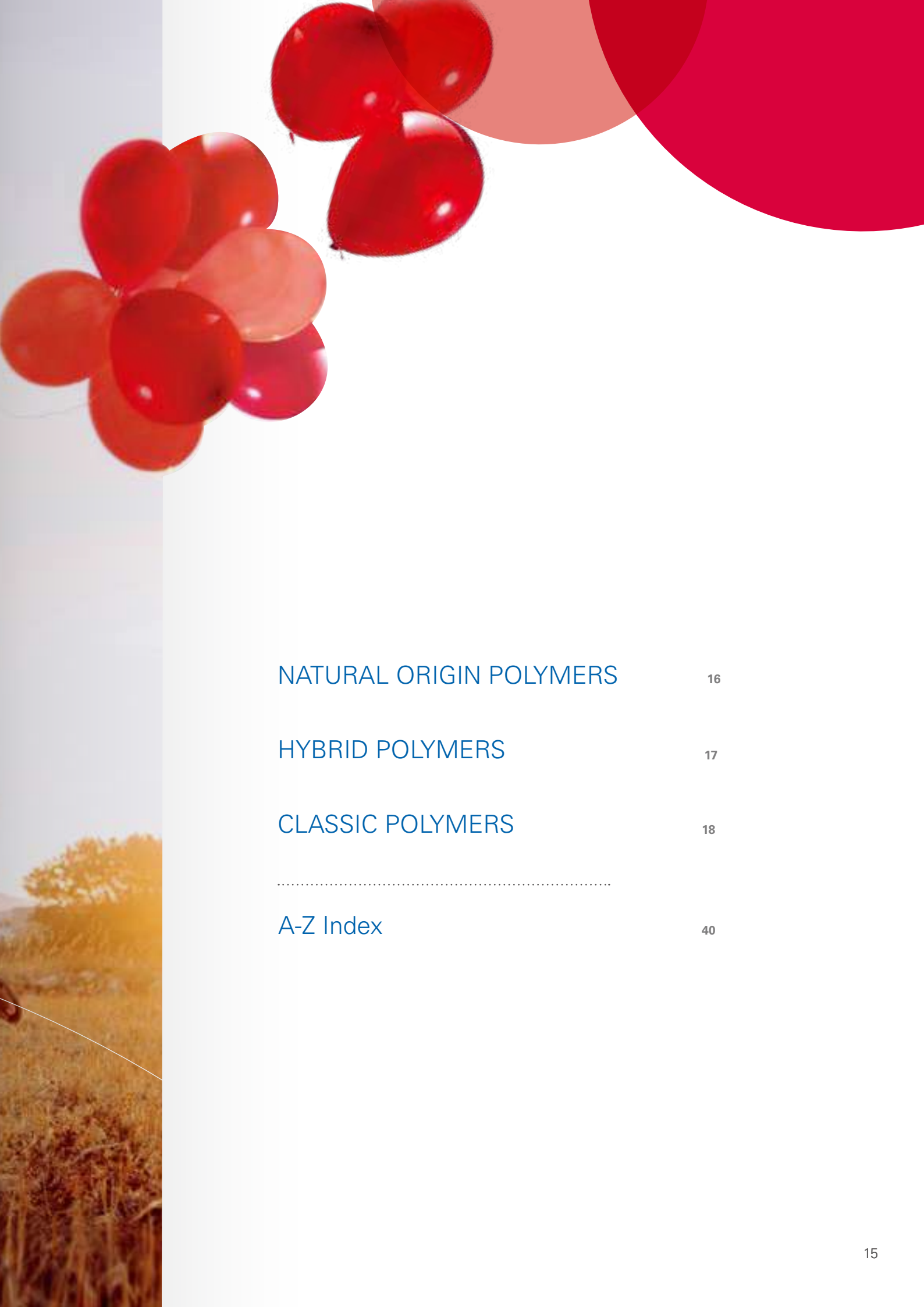


*Unique performance
& attractive textures*

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

- Easy to use
- Multi-performance
- An infinite source of unique sensory experiences & emotional benefits

Seppic *shares with you
its formulation secrets*



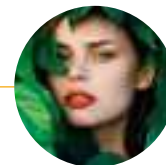
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HYBRID POLYMERS 17

CLASSIC POLYMERS 18

.....
A-Z Index 40

Natural Origin polymers⁽¹⁾



SOLAGUM™ AX

Acacia Senegal Gum - Xanthan Gum



Smart natural polymer

Benefits

- Innovative association of natural gums
- Thickening & stabilizing polymer
- Wide pH range stability
- Film-forming properties
- Moisturization up to 8 hours
- Suspensive power
- Synergistic efficiency with SOLAGUM™ TARA, other natural gums & synthetic polymers
- Readily biodegradable

Sensorial profile

- Fresh skin feel

Type: anionic

Form: powder

Function: thickening, suspending, texturizing

pH of use: 3-12

Preservative free / EO free

SOLAGUM™ TARA

Caesalpinia Spinosa Gum



Thicken with elegance

Benefits

- 100% plant based tara gum polymer
- Great thickening capability
- Resistance to electrolytes
- Wide compatibility with cosmetic ingredient:
 - Ideal for natural hair care applications: volume control
 - In foaming products: provides softer & creamier foam
- Synergistic action with SEPIMAX ZEN™, SEPINOV™, SOLAGUM™ AX & other natural gums
- Readily biodegradable

Sensorial profile

- Comfortable sensation & elegant touch

Type: non ionic

Form: powder

Function: thickening, texturizing

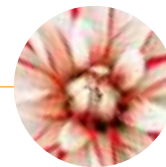
pH of use: 3-12

Preservative free / EO free

Certifications & approvals legend: see p.73

(1) Natural Origin Content (NOC) >99% according to ISO 16128 norm.

Hybrid polymers⁽²⁾



SEPILIFE™ G305

Acrylamide/Sodium Acryloyldimethyl
Taurate Copolymer - C15-19 Alkane* -
Polyglyceryl-10 Laurate* - Polyglycerin-10*



*Plant-based & Renewable

The legacy of SEPIGEL 305™ with high naturality

Benefits

- Oil & surfactant from natural origin
- Compatible with ethylene oxide free formulas
- Inherently biodegradable

Sensorial profile

- Easy spreading & soft afterfeel

Type: anionic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free / EO free

SEPILIFE™ NUDE

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



*Plant-based & Renewable

Sustainably designed EO free hybrid polymer

Benefits

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

Sensorial profile

- Quick-break & nude skin feel

Type: anionic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-11

Preservative free / EO free

SIMULGEL™ NS

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



*Plant-based & Renewable

Sustainably designed for sprayable to thick texture

Benefits

- Based on vegetable origin squalane
- Excellent sprayability
- For ultra fluid to thick formulas
- DHA compatible
- Excellent tolerance for mechanically irritated skin

Sensorial profile

- Fresh & melting texture
- Quick-break & light skin feel

Type: anionic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

Certifications & approvals legend: see p.73

(2) Natural Origin Content (NOC) >50% according to ISO 16128 norm.

Classic polymers⁽³⁾



SEPIGEL 305™

Polyacrylamide - C13-14 Isoparaffin - Laureth-7



The original solution

Benefits

- The original solution as multifunctional polymer

Sensorial profile

- Soft & rich texture

Type: anionic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

SEPIMAX ZEN™

Polyacrylate Crosspolymer-6



Boost creativity with serenity

Benefits

- Maximum resistance to electrolytes
- Clear aqueous gels
- Suspending properties
- Film-forming
- Activator of positive emotions
- Highly compatible with ethanol & other solvents
- In foaming products: foam texturizing in classic & sulfate-free formulas
- Excellent tolerance for intimate hygiene & oral care
- Inherently ultimately biodegradable

Sensorial profile

- Innovative & surprising texture
- Rich & elegant velvety skin feel
- In foaming products: softer & creamier foam

Type: anionic

Form: powder

Function: thickening, stabilizing, suspending, texturizing

pH of use: 3-8

Preservative free

SEPINOV™ EMT 10

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer



Outstanding versatile power

Benefits

- Good resistance to electrolytes
- Excellent oil stabilizing property
- Excellent sprayability
- Translucent aqueous gels
- Activator of positive emotions
- DHA compatible
- Excellent tolerance for baby care, mechanically irritated skin, intimate hygiene & oral care
- Inherently ultimately biodegradable

Sensorial profile

- Satiny & fresh touch

Type: anionic

Form: powder

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

SEPINOV™ P88

Sodium Acrylate/Acryloyl Dimethyltaurate/Dimethylacrylamide Crosspolymer



EO free silky sensation

Benefits

- Compatible with ethylene oxide free formulas
- Good resistance to electrolytes
- DHA compatible

Sensorial profile

- Smooth texture & silky skin feel

Type: anionic

Form: powder

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free / EO free

SEPINOV™ WEO

Hydroxyethyl Acrylate/Sodium
Acryloyldimethyl Taurate Copolymer



EO free universal concept

Benefits

- Universal polymer compatible with ethylene oxide free formulas
- Good resistance to electrolytes
- Excellent sprayability
- Translucent aqueous gels
- DHA compatible
- Inherently ultimately biodegradable

Sensorial profile

- Satiny & fresh touch

Type: anionic

Form: powder

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free / EO free

SEIPLUS™ 265

Acrylamide/Ammonium Acrylate Copolymer -
Polyisobutene - Polysorbate 20



Concentrated & Powerful

Benefits

- Good resistance to electrolytes

Sensorial profile

- Silicone-like touch, glide-on sensation & easy spreading

Type: anionic

Form: concentrated liquid

Function: thickening, stabilizing, texturizing

pH of use: 5.5-11

Preservative free

SEIPLUS™ 400

Polyacrylate-13 - Polyisobutene - Polysorbate 20



Gliding & elegant touch

Benefits

- Good resistance to electrolytes
- Activator of positive emotions
- Versatile & good compatibility with different coatings of titanium dioxide for sun care

Sensorial profile

- Silicone-like touch, glide-on sensation & easy spreading

Type: anionic

Form: concentrated liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

SEIPLUS™ S

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



Absolute comfort

Benefits

- Excellent resistance to electrolytes
- DHA compatible

Sensorial profile

- Long lasting comfortable sensation

Type: anionic

Form: concentrated liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

SIMULGEL™ 600

Acrylamide/Sodium Acryloyldimethyltaurate
Copolymer - Isohexadecane - Polysorbate 80



305 remodeled

Benefits

- Alternative choice to SEPIGEL 305™

Sensorial profile

- Soft & supple texture

Type: anionic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-11

Preservative free

SIMULGEL™ EG QD

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



QD approved liquid polymer

Benefits

- For sprayable fluid to thick formulas

Sensorial profile

- Soft & light texture

Type: anionic
Form: classic liquid
Function: thickening, stabilizing, texturizing
pH of use: 5.5 - 11
Preservative free

SIMULGEL™ EPG

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



*Plant-based & Renewable

EO free gentleness

Benefits

- Compatible with ethylene oxide free formulas

Sensorial profile

- Soft & light texture

Type: anionic
Form: classic liquid
Function: thickening, stabilizing, texturizing
pH of use: 5.5 - 11
Preservative free / EO free

SIMULGEL™ FL

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 10



Easily stabilize fluid formulations

Benefits

- Perfect stabilizer for fluid emulsions
- DHA compatible

Sensorial profile

- Light & fresh texture

Type: anionic
Form: classic liquid
Function: thickening, stabilizing, texturizing
pH of use: 3 - 11
Preservative free

SIMULGEL™ INS 100

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



Spray it, pour it & spread it

Benefits

- Versatile polymer
- Excellent sprayability
- For ultra fluid to thick formulas
- Generates pleasure to consumers
- DHA compatible

Sensorial profile

- Fresh & melting texture
- Quick-break & light skin feel

Type: anionic
Form: classic liquid
Function: thickening, stabilizing, texturizing
pH of use: 3 - 11
Preservative free

SIMULGEL™ SMS 88

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



Smooth multi solutions

Benefits

- DHA compatible

Sensorial profile

- Cushiony, rich & supple texture

Type: anionic
Form: classic liquid
Function: thickening, stabilizing, texturizing
pH of use: 3 - 11
Preservative free

SIMULQUAT™ HC 305

Acrylamidopropyltrimonium Chloride/Acrylates
Copolymer - Isohexadecane - Coceth-7



Multifunctional rheomodifier designed for hair care

Benefits

- Improved stability in acidic media
- Creates an infinite range of textures
- Conditioning effect in all type of application
- Film-forming & thermal protection
- Cold processable

Sensorial profile

- Silicone-like feel

Type: cationic

Form: classic liquid

Function: thickening, stabilizing, texturizing

pH of use: 3-6

Preservative free

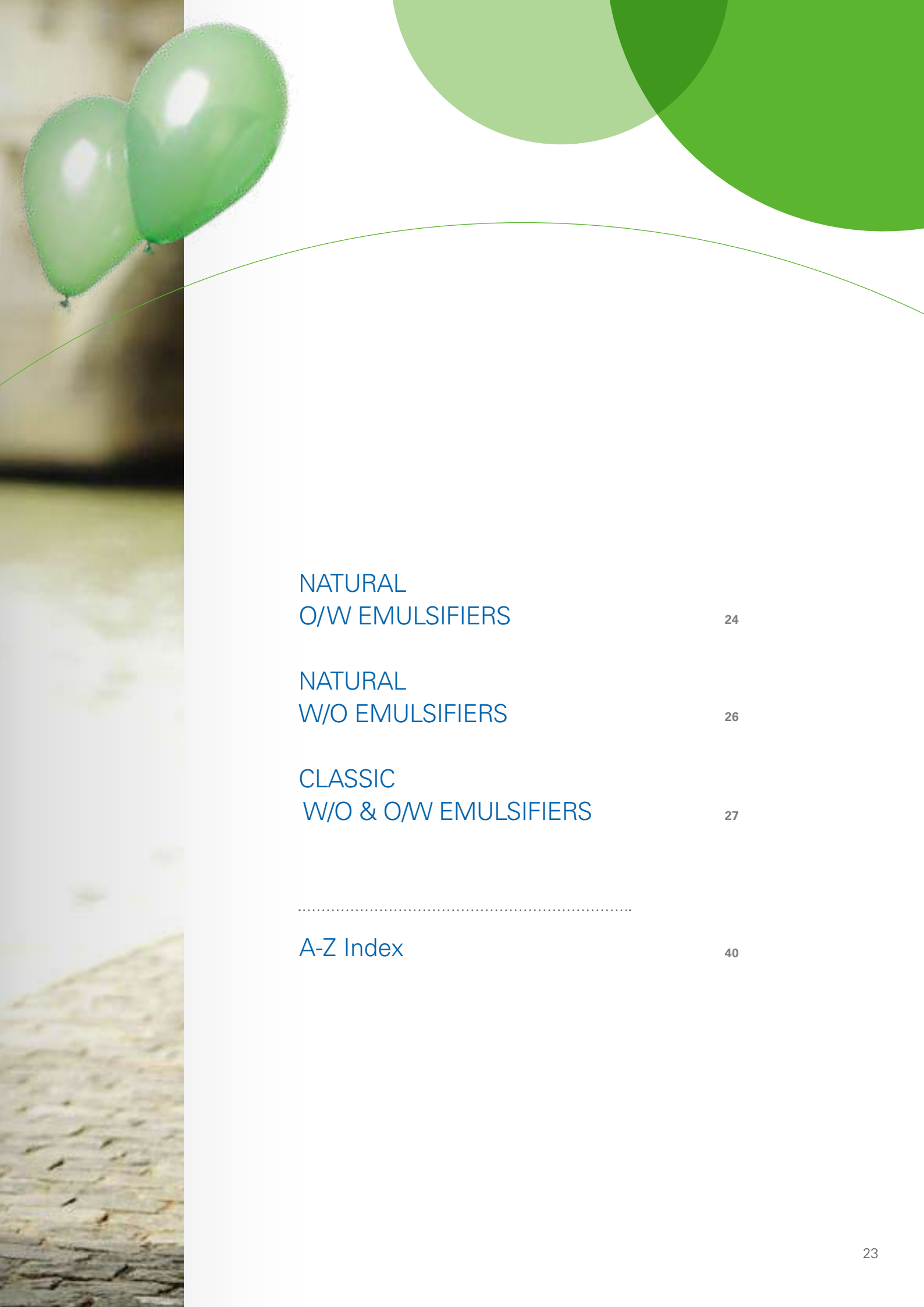
A woman with red hair, wearing a striped dress, is walking barefoot on a cobblestone path. She is holding a large bunch of green balloons. The background is a blurred outdoor setting with a bridge and trees.

EMULSIFIERS

Smart conscious solutions

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

- Performance
- Efficacy
- Safety
- Pleasurable use



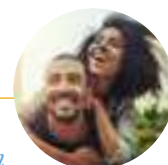
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CLASSIC W/O & O/W EMULSIFIERS	27
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Natural O/W emulsifiers



FLUIDIFEEL™ EASY

Lauryl Glucoside - Myristyl Glucoside -
Polyglyceryl-6 Laurate



The emulsifier for fast & easy cold processed formulation

Benefits

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

Sensorial profile

- Soft & light skin feel
- Naked skin effect

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

MONTANOV™ 14

Myristyl Alcohol - Myristyl Glucoside



Co-emulsifier & green consistency agent

Benefits

- Helps to increase the emulsion viscosity & stability

Sensorial profile

- Neutral skin feel

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

MONTANOV™ 202

Arachidyl Alcohol - Behenyl Alcohol -
Arachidyl Glucoside



For biomimetic 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 & restructuring effect (*in vivo* proven)
- High pigment compatibility
- Good compatibility with H₂O₂
- Fluid to cream textures

Sensorial profile

- Soft, light & matte finish

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

MONTANOV™ 68 MB

Cetearyl Alcohol - Cetearyl Glucoside



The bio-based pioneer

Benefits

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

Sensorial profile

- Soft, rich & unctuous skin feel

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

MONTANOV™ 82

Cetearyl Alcohol - Coco-Glucoside



Versatile performance

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils (40% - 60%)
- Liquid crystal/lamellar phase promotor
- Active emulsifier: moisturizing effect up to 5 hours (*in vivo* proven)
- 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™ (*in vivo* proven)
- Active emulsifier: boosts the perceptible effect of SAKADIKIUM™ on the skin complexion (*in vivo* proven)
- 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 (*in vivo* proven)
- Good compatibility with organic & inorganic sunscreens
- Texturizing agent for foaming formulas

Sensorial profile

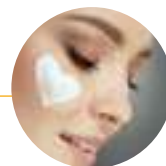
- Neutral skin feel

Form: solid pellets

Function: O/W emulsifier

Preservative free

Natural W/O emulsifiers



FLUIDANOV™ 20X

Octyldodecanol - Octyldodecyl Xyloside



Multi-functional co-emulsifier

Benefits

- PEG-free co-emulsifier for conventional W/O emulsions with a cold process
- 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
- Cream gels & O/W emulsions: soft & emollient skin feel

Form: liquid

Function: W/O co-emulsifier

Preservative free

MONTANE™ 481 VG

Sorbitan Oleate - Beeswax -
Hydrogenated Castor Oil - Stearic Acid



The cold-cream base

Benefits

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

Sensorial profile

- Rich & thick skin barrier protection

Form: waxy solid

Function: W/O emulsifier

Preservative free

Classic W/O & O/W emulsifiers



EASYNOV™

Octyldodecanol - Octyldodecyl Xyloside -
PEG-30 Dipolyhydroxystearate



Cold processed emulsifier for classical W/O & GELTRAP™

Benefits

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

Sensorial profile

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

Form: liquid

Function: W/O emulsifier,
GELTRAP™ emulsifier

Preservative free

MONTANOX™ 20 DF

Polysorbate 20



Benefits

- Hydrophilic emulsifier solubilizing agent

Form: liquid

HLB: ≈16.7

Preservative free

MONTANOX™ 60 DF

Polysorbate 60



Benefits

- Hydrophilic emulsifier

Form: waxy solid

HLB: ≈14.9

Preservative free

MONTANOX™ 80 VG DF

Polysorbate 80



Benefits

- Hydrophilic emulsifier, solubilizing agent

Form: liquid

HLB: ≈15

Preservative free

SENSANOV™ WR

C20-22 Alkyl Phosphate - C20-22 Alcohols



Sensation & Protection

Benefits

- Outstanding emulsifying properties: emulsifies easily all types of oils up to 50%
- Skin protection against environmental pollutants
- Good compatibility with organic & inorganic sunscreens
- High pigment compatibility
- Water resistant property
- Fluid to cream textures

Sensorial profile

- Light, velvet & powdery skin feel

Form: solid flakes

Function: O/W emulsifier

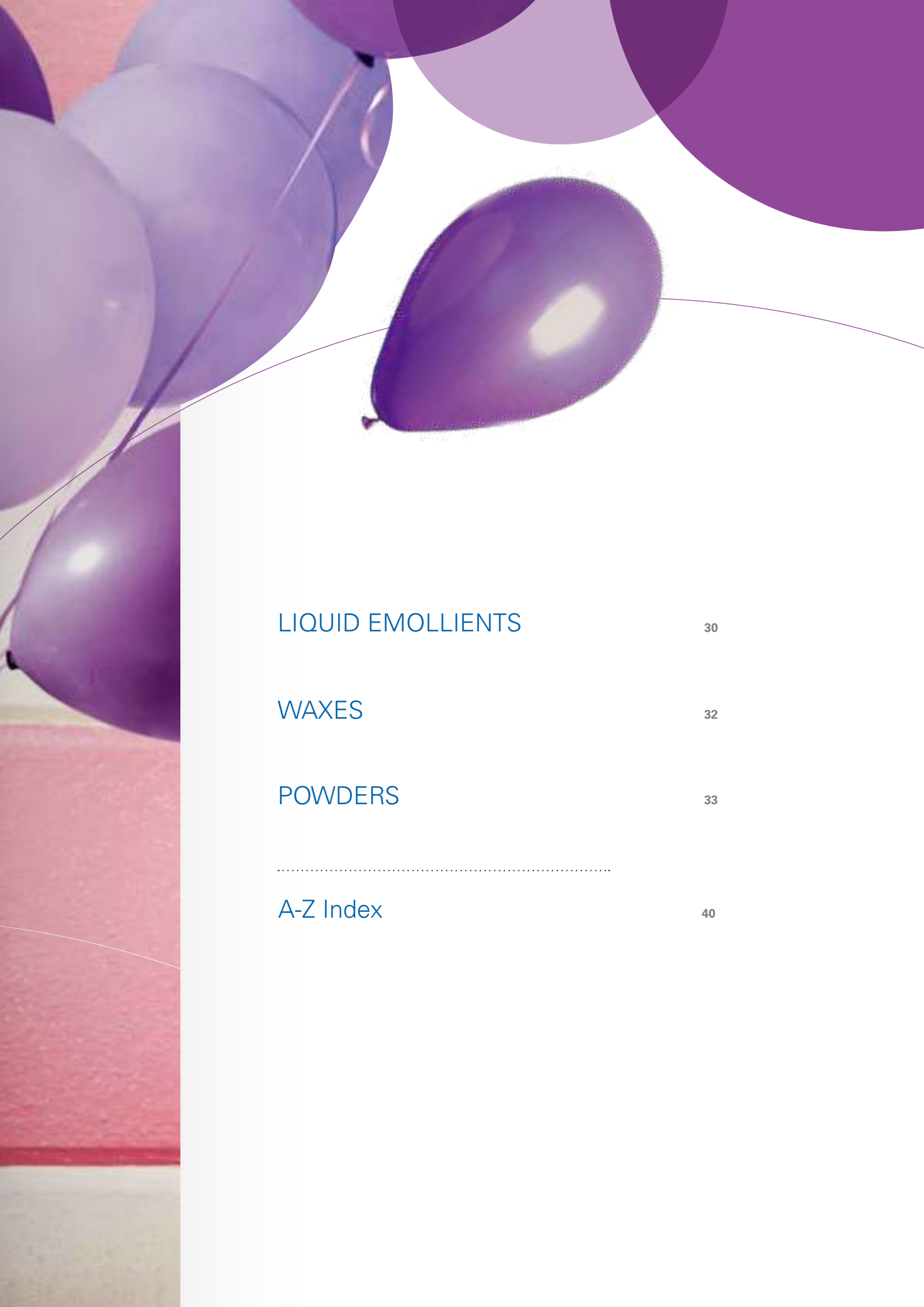
Preservative free

SENSORY INGREDIENTS

*A palette of
solutions & sensations*

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





LIQUID EMOLLIENTS

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Liquid emollients



EMOGREEN™⁽¹⁾ C69

C15-19 Alkane* -
Coco-Caprylate/Caprates



*Plant-based & Renewable

Cocoon green emollient

Benefits

- Sustainable sensory alternative to Dimethicone in formulation
- Readily biodegradable

Sensorial profile

- A Soft, extra-comfortable & powdery veil

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 8.6 mPa.s
Preservative free

EMOGREEN™⁽¹⁾ HP 40

C15-19 Alkane* -
Hydrogenated Polyfarnesene*



*Plant-based & Renewable

Comfort & film forming emollient

Benefits

- Sustainable alternative to heavy silicones in formulation
- Versatile texturizing emollient
- Film forming properties

Sensorial profile

- Soft, supple & silky protective effect

Solubility: liposoluble
Form: liquid
Function: emollient
Viscosity: 400 mPa.s
Preservative free

EMOGREEN™⁽¹⁾ L15

C15-19 Alkane*



*Plant-based & Renewable

Very light bio-based emollient

Benefits

- Sustainable alternative to volatile silicone oils
- Suitable for hair care applications
- Readily biodegradable

Sensorial profile

- Fresh & gliding sensation, powdery afterfeel

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

EMOGREEN™⁽¹⁾ L19

C15-19 Alkane*



*Plant-based & Renewable

Light bio-based emollient

Benefits

- Biodegradable alternative to silicone oils
- Suitable for skin, body & sun care applications
- Readily biodegradable

Sensorial profile

- Fresh & gliding sensation, soft afterfeel

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

EMOSMART™⁽²⁾ C28

C21-28 Alkane



*Plant-based & Renewable

Cocoon emollient

Benefits

- Excellent compatibility with esters, vegetable & mineral oils
- Readily biodegradable

Sensorial profile

- Fresh texture, extra comfortable finish

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

(1) GEMSEAL® BioLife Natural Alkane / (2) GEMSEAL® Specialty Alkane

EMOSMART™ (2) L15

C13-15 Alkane



Very light emollient

Benefits

- Excellent compatibility with silicone, esters, vegetable & mineral oils
- Readily biodegradable

Sensorial profile

- Fresh & vanishing texture, dry & matt veil

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

EMOSMART™ (2) L19

C15-19 Alkane



Light emollient

Benefits

- Excellent compatibility with esters, vegetable & mineral oils
- Helps to disperse mineral filters (TiO₂/ZnO)
- Readily biodegradable

Sensorial profile

- Fresh & vanishing texture, matt veil

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

EMOSMART™ (2) V21

C18-21 Alkane



Versatile emollient

Benefits

- Excellent compatibility with esters, vegetable & mineral oils
- Readily biodegradable

Sensorial profile

- Fresh texture, soft finish & matt veil

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

LANOL 99

Isononyl Isononanoate



Liquid silk

Benefits

- Versatile ester emollient
- Improves spreadability and skin comfort

Sensorial profile

- Soft & light

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

Waxes



LANOL 14 M

Myreth-3 Myristate



Melting balm

Benefits

- Helps to improve the texture & stability of emulsions

Sensorial profile

- Soft, rich & unctuous skin feel
- Easy to spread

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

LANOL P ECAILLES

Glycol Palmitate



A solid wax with a soft touch

Benefits

- Helps to improve the consistency & stability of emulsions

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 onctuous melting texture & stable viscosity

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

Certifications & approvals legend: see p.71

Powders



SEPIFINE™ BB

Amylopectin



Bio-sourced texturizer

Benefits

- 100% plant based: Babassu starch
- Readily biodegradable
- Shininess reduction
- Oil & water absorption
- Matt finish

Sensorial profile

- Soft & velvety afterfeel

Solubility: hydro & lipo-dispersible

Form: powder

Function: texturizing agent

Particle size: 10 to 20 µm

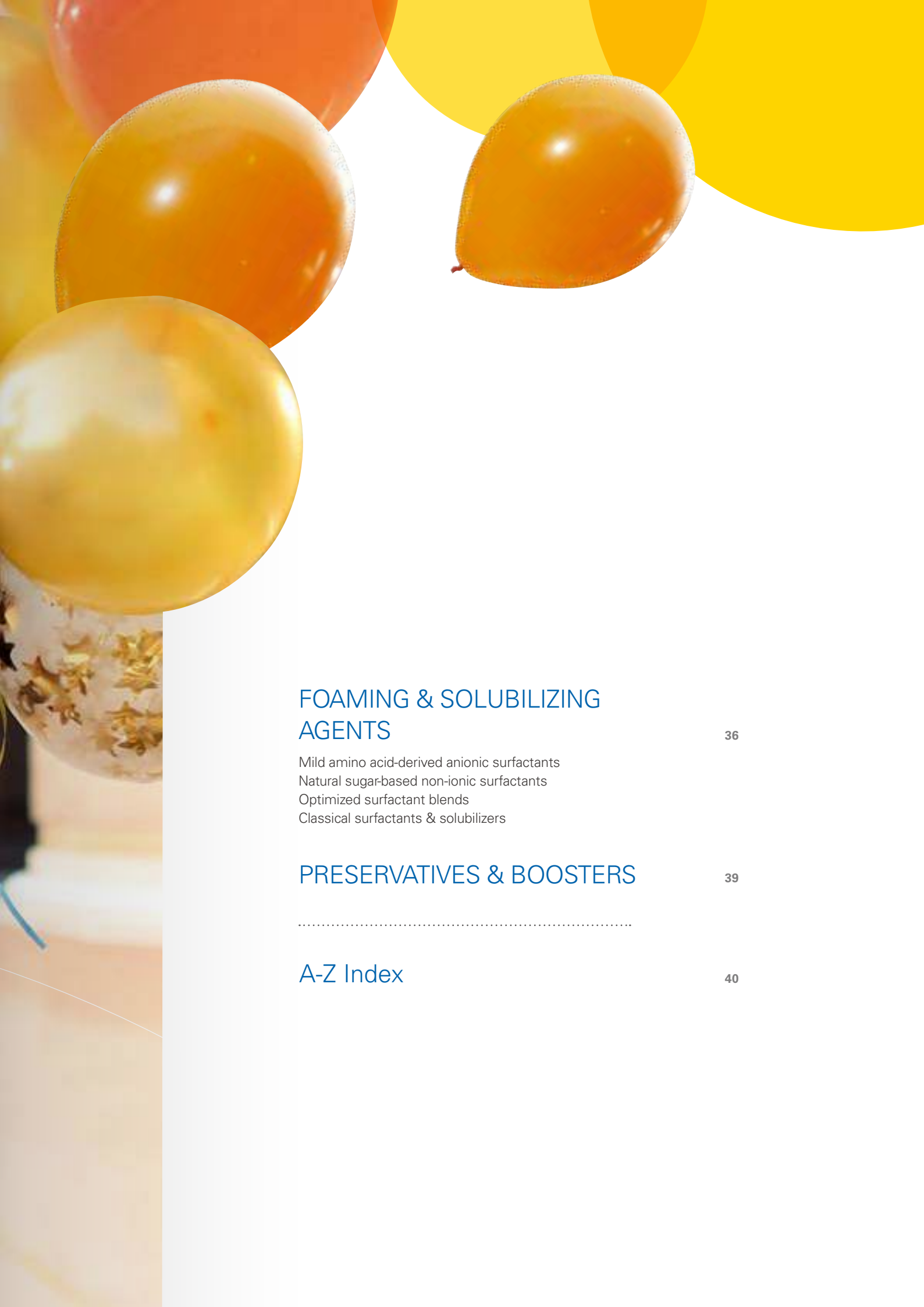
Preservative free

FUNCTIONAL ADDITIVES

A woman with dark, curly hair is shown in profile, looking upwards with a smile. She is holding several large, bright yellow balloons. She is wearing an orange sleeveless top and a black and white striped skirt. The background is a blurred outdoor setting with a path and some greenery. A thin yellow line curves across the image from the top right towards the bottom left.

*Playful softness
& protection*

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



FOAMING & SOLUBILIZING AGENTS

36

Mild amino acid-derived anionic surfactants
Natural sugar-based non-ionic surfactants
Optimized surfactant blends
Classical surfactants & solubilizers

PRESERVATIVES & BOOSTERS

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Foaming & solubilizing agents

Mild amino acid-derived anionic surfactants



ORAMIX™ L 30

Sodium Lauroyl Sarcosinate



Great alternative for SLES-free formulations

Benefits

- Superior foaming ability to SLES
- Produces a soft & abundant foam
- Readily biodegradable

Sensorial profile

Light & soft foam

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

PROTEOL™ APL EF

Sodium Cocoyl Apple Amino Acids



Naturally inspired, for unique foam ability

Benefits

- Inspired by the aminogram characteristic of apple
- Abundant and soft foam.
- Sensory booster with other surfactants
- Gentle cleansing
- Readily biodegradable

Sensorial profile

Dense & unctuous foam

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

PROTEOL™ OAT PF

Sodium Lauroyl Oat Amino Acids



Naturally inspired, for extreme mildness

Benefits

- Inspired by the aminogram characteristic of oat
- Rich foam, unctuous texture
- Excellent tolerance, minimal delipidation
- Readily biodegradable

Sensorial profile

Dense & unctuous foam

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

Natural sugar-based non-ionic surfactants



ORAMIX™ CG 110

Caprylyl/Capryl Glucoside



100% bio-based solubilizer & foaming booster

Benefits

- High foaming & cleansing performances
- High performance solubilizer (essential oils, fragrances, preservatives & cationic surfactants)
- Readily biodegradable

Sensorial profile

Light foam

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

ORAMIX™ NS 10

Decyl Glucoside



100% bio-based with a high foaming power

Benefits

- Greater foaming power compared to LesNa
- Easy to thicken
- Performing & well tolerated cleanser
- Readily biodegradable

Sensorial profile

Light & abundant foam

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

SEPICLEAR G7™

Heptyl Glucoside



100% bio-based non-foaming solubilizer

Benefits

- Excellent solubilizer & non-foaming agent
- Cold processable
- Inodor & incolor in formulation
- Resistant to extreme pH
- Readily biodegradable

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

Optimized surfactant blends



ORAMIX™ GB 10

Decyl Glucoside - Cocamidopropyl Betaine



The cold climate optimal blend

Benefits

- Compatible with all surfactants regardless the type

Sensorial profile

Abundant & stable foam

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

ORONAL LCG E OD

Extreme mildness



Benefits

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

Sensorial profile

Soft foam

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



AMONYL™ 380 BA C

Cocamidopropyl Betaine



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

Type: amphoteric
Form: liquid
Dry extract: 35%

Function: foaming
Preservative free

AMONYL™ 675 SB

Cocamidopropyl Hydroxysultaine



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

Type: amphoteric
Form: liquid
Dry extract: 50%

Function: foaming

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

Preservatives & Boosters

Preservatives

SEPICIDE™ HB

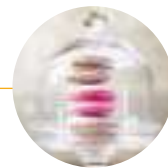
Phenoxyethanol - Methylparaben -
Ethylparaben - Propylparaben - Butylparaben



Benefits

- Large activity spectrum against bacteria, yeasts & moulds

Solubility: lipodispersible
Form: liquid



SEPICIDE™ LD

Phenoxyethanol



Benefits

- Mostly active against bacteria
- Mostly active against Gram- bacteria
- Inactivated by highly ethoxylated compounds

Solubility: lipodispersible
Form: liquid

Boosters

FLUIDIPURE™ 8G

Hexylene Glycol - Capryloyl Glycine -
Xylitylglucoside

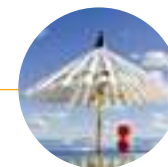


Preservative booster

Benefits

- Decreases the amount of conventional preservatives for a milder formulation!
- Effective against bacteria, yeasts & moulds in a ready to use liquid form

Solubility: water soluble
Form: liquid



LIPACIDE™ C8G

Capryloyl Glycine



For self-preserved formulas

Benefits

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

Solubility: soluble in water above pH 5
Form: powder

LIPACIDE™ UG

Undecylenoyl Glycine






































































































































Preservative booster for sensitive skin





















































































































































Benefits






















































































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

Solubility: soluble in water above pH 7

A-Z Index

ADIPOLESS™ ECO	3, 11	1,3-Propanediol - Aqua/Water - Chenopodium Quinoa Seed Extract			MB					
ADIPOSLIM™	11	Sorbitan Laurate - Lauroyl Proline				MB				
AMONYL™ 380 BA C	38	Cocamidopropyl Betaine								
AMONYL™ 675 SB	38	Cocamidopropyl Hydroxysultaine								
AQUAXYL™	9	Xylitylglucoside - Anhydroxylitol - Xylitol								
CERAMOSIDES™ HP	5, 8, 9, 10	Glycosphingolipids - Glycolipids								
EASYNOV™	27	Octyldodecanol - Octyldodecyl Xyloside - PEG-30 Dipolyhydroxystearate				MB				
EMOGREEN™ C69	30	C15-19 Alkane* - Coco-Caprylate/Caprate *Plant-based & Renewable				MB				
EMOGREEN™ HP 40	30	C15-19 Alkane* - Hydrogenated Polyfarnesene* *Plant-based & Renewable								
EMOGREEN™ L15	30	C15-19 Alkane* *Plant-based & Renewable								
EMOGREEN™ L19	30	C15-19 Alkane* *Plant-based & Renewable								
EMOSMART™ C28	30	C21-28 Alkane								
EMOSMART™ L15	31	C13-15 Alkane								
EMOSMART™ L19	31	C15-19 Alkane								
EMOSMART™ V21	31	C18-21 Alkane								
FLUIDANOV™ 20X	26	Octyldodecanol - Octyldodecyl Xyloside				MB				
FLUIDIFEEL™ EASY	24	Lauryl Glucoside - Myristyl Glucoside - Polyglyceryl-6 Laurate				MB				
FLUIDIPURE™ 8G	5, 8, 13, 39	Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside				MB				
LANOL 14 M	32	Myreth-3 Myristate				MB				
LANOL 99	31	Isononyl Isononanoate								
LANOL P ECAILLES	32	Glycol Palmitate				MB				
LIPACIDE™ C8G	5, 8, 39	Capryloyl Glycine				MB				
LIPACIDE™ UG	5, 39	Undecylenoyl Glycine								
MONTANE™ 481 VG	26	Sorbitan Oleate - Beeswax - Hydrogenated Castor Oil - Stearic Acid				MB				
MONTANOV™ 14	24, 32	Myristyl Alcohol - Myristyl Glucoside				MB				
MONTANOV™ 202	24	Arachidyl Alcohol - Behenyl Alcohol - Arachidyl Glucoside								
MONTANOV™ 68 MB	24	Cetearyl Alcohol - Cetearyl Glucoside					MB			
MONTANOV™ 82	24	Cetearyl Alcohol - Coco-Glucoside				MB				

MONTANOV™ L	25	C14-22 Alcohols - C12-20 Alkyl Glucoside	      
MONTANOV™ S	25	Coco-Glucoside - Coconut Alcohol	      
MONTANOX™ 20 DF	27	Polysorbate 20	 
MONTANOX™ 60 DF	27	Polysorbate 60	  
MONTANOX™ 80 VG DF	27	Polysorbate 80	 
ORAMIX™ CG 110	37	Caprylyl/Capryl Glucoside	      
ORAMIX™ GB 10	37	Decyl Glucoside - Cocamidopropyl Betaine	    
ORAMIX™ L 30	36	Sodium Lauroyl Sarcosinate	    
ORAMIX™ NS 10	37	Decyl Glucoside	       
ORONAL LCG E OD	37	Peg-40 Glyceryl Cocoate - Sodium Coceth Sulfate	    
PROTEOL™ APL EF	36	Sodium Cocoyl Apple Amino Acids	    
PROTEOL™ OAT PF	36	Sodium Lauroyl Oat Amino Acids	    
SENSANOV™ WR	27	C20-22 Alkyl Phosphate - C20-22 Alcohols	   
SEPICALM™ S WP	9, 10	Sodium Cocoyl Amino Acids - Sarcosine - Potassium Aspartate - Magnesium Aspartate	    
SEPICALM™ VG WP	4	Sodium Palmitoyl Proline - Nymphaea Alba Flower Extract	    
SEPICAP™ MP	13	Sodium Cocoyl Amino Acids - Potassium Dimethicone PEG-7 Panthenyl Phosphate	    
SEPICIDE™ HB	39	Phenoxyethanol - Methylparaben - Ethylparaben - Propylparaben - Butylparaben	 
SEPICIDE™ LD	39	Phenoxyethanol	  
SEPICLEAR G7™	37	Heptyl Glucoside	    
SEPICONTROL™ A5	5, 8	Capryloyl Glycine - Sarcosine - Cinnamomum Zeylanicum Bark Extract	    
SEPIFEEL™ ONE	32	Palmitoyl Proline - Magnesium Palmitoyl Glutamate - Sodium Palmitoyl Sarcosinate	   
SEPIFINE™ BB	33	Amylopectin	    
SEPIGEL 305™	18	Polyacrylamide - C13-14 Isoparaffin - Laureth-7	    
SEPI LIFE™ G305	17	Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer - C15-19 Alkane* - Polyglyceryl-10 Laurate* - Polyglycerin-10* *Plant-based & Renewable	   
SEPI LIFE™ NUDE	17	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - C15-19 Alkane* - Polyglyceryl-6 Laurate* - Polyglycerin-6* *Plant-based & Renewable	    
SEPI LIFT™ DPHP	2, 3, 11	Dipalmitoyl Hydroxyproline	      
SEPI MAX ZEN™	18	Polyacrylate Crosspolymer-6	   
SEPI NOV™ EMT 10	18	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	    
SEPI NOV™ P88	18	Sodium Acrylate/Acryloyl Dimethyl taurate/Dimethylacrylamide Crosspolymer	    
SEPI NOV™ WEO	19	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	   
SEPI PLUS™ 265	19	Acrylamide/Ammonium Acrylate Copolymer - Polyisobutene - Polysorbate 20	    

SEIPLUS™ 400	19	Polyacrylate-13 - Polyisobutene - Polysorbate 20		  
SEIPLUS™ S	19	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - PEG-7 Trimethylolpropane Coconut Ether		MB   
SEPITONIC™ M3.0	3, 4	Magnesium Aspartate - Zinc Gluconate - Copper Gluconate	 	  
SEPIWHITE™ MSH QD	4	Undecylenoyl Phenylalanine	   	  
SIMULGEL™ 600	19	Acrylamide/Sodium Acryloyldimethyl taurate Copolymer - Isohexadecane - Polysorbate 80		  
SIMULGEL™ EG QD	20	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 80	 	  
SIMULGEL™ EPG	20	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Polyisobutene - Caprylyl/Capryl Glucoside* *Plant-based & Renewable		MB   
SIMULGEL™ FL	20	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60		MB   
SIMULGEL™ INS 100	20	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Isohexadecane - Polysorbate 60		MB   
SIMULGEL™ NS	17	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - Squalane* - Polysorbate 60 *Plant-based & Renewable		MB   
SIMULGEL™ SMS 88	20	Sodium Acrylate/Acryloyldimethyl taurate/Dimethylacrylamide Crosspolymer - Isohexadecane - Polysorbate 60		MB   
SIMULQUAT™ HC 305	21	Acrylamidopropyltrimonium Chloride/Acrylates Copolymer - Isohexadecane - Coceth-7		MB   
SIMULSOL™ 1293	38	PEG-40 Hydrogenated Castor Oil		  
SIMULSOL™ 220 TM	38	PEG-200 Glyceryl Stearate		MB 
SIMULSOL™ 98	38	Oleth-20		MB 
SOLAGUM™ AX	16	Acacia Senegal Gum - Xanthan Gum	   	  
SOLAGUM™ TARA	16	Caesalpinia Spinosa Gum	  	  
TIMECODE™	2, 5	Palmitoyl Glycine		MB   
VOLUFORM™	2, 4, 11	Palmitoyl Isoleucine	 	MB  
XYLISHINE™	13	Xylitylglucoside - Anhydroxylitol - Maltitol - Xylitol - Pelvetia Canaliculata Extract		  

Certifications & approvals legend: see p.44

Abbreviation list

ATP	<i>adenosine triphosphate</i>	MMP	<i>matrix metalloproteinase</i>
DNA	<i>deoxyribonucleic acid</i>	NFkB	<i>nuclear factor kappa B</i>
HBD	<i>human beta defensin</i>	NMF	<i>natural moisturizing factor</i>
IL	<i>interleukine</i>	O/W	<i>oil in water</i>
MIC	<i>minimal inhibitory concentration</i>	PEG	<i>prostaglandin E</i>
MIC1	<i>macrophage inhibitory cytokine 1</i>	TIMP	<i>tissue inhibitor of metalloproteinase</i>
MITF	<i>microphthalmia associated transcription factor</i>	UVA	<i>ultra-violet A</i>
		W/O	<i>water in oil</i>

Legend

FUNCTION

	Active Ingredients		Sensory Ingredients
	Emulsifiers		Functional Additives
	Polymeric Thickeners & Stabilizers		

CERTIFICATIONS & APPROVALS



CHINA Compliant: all INCI names are listed on the 2021 IECIC list.



QD Additive: approved as QD additive in Japan.



NATRUE Approved: raw material approved according to NATRUE Standard.



COSMOS Approved: raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard.

MB

MASSBALANCE Certified: supplied under MassBalance certification BVC-RSPO-1-1972708497. Contributes to the production of certified sustainable palm oil.



VEGAN Suitability assessed according to Seppic Vegan criteria:

- not manufactured using derived animal raw materials or processing aids,
- does not come into direct contact with material from animal origin at any stage of the manufacturing process,
- is not tested on animals in terms of regulation (EC) No.1223/2009 of the european parliament and of the council of 30 November 2009 on cosmetic products - Chapter V - Art.18.



HALAL Certified: raw material certified by HCS organism, officially recognized by the highest Halal authorities including MUI (Indonesia), JAKIM (Malaysia), MUIS (Singapore) and CICOT (Thailand).



NATURALITY Profile: naturality profile according to ISO 16128 norm, is available upon request (NOC: Natural Origin Content).



NOC
≤50%



NOC
>50%



NOC
>99%

Nota:

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