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**KSM-66  
Ashwagandha®**

WORLD'S BEST ASHWAGANDHA



# INNOVATION ZONE GUIDE

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# Active

## INGREDIENTS

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WORLD'S BEST ASHWAGANDHA

## ETERWELL™ HAIR

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:beautycare.emea-info@dsm-firmenich.com">beautycare.emea-info@dsm-firmenich.com</a>
<b>WEBSITE:</b>	<a href="http://www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html">www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html</a>

ETERWELL™ HAIR (Linum Alpinum extract) is a plant-derived Senolytic active designed to support hair follicle longevity. In our advanced in vitro screening model, it demonstrated strong Senolytic activity on senescent Hair Follicle Dermal Papilla Cells.

In vivo results showed highly significant 5% increase in hair density and extended follicle longevity, boosting A/T ratio by +5.2, significantly outperforming the placebo. Additionally, in vivo proteome analysis provided strong evidence of enhanced hair density and quality, with clear evidence for a Senolytic mode of action.

- Unique screening model
- Demonstrated Senolytic Mode of Action
- Highly significant efficacy at low concentration

## SUNSCREEN OPTIMIZER™

<b>PRODUCT TYPE:</b>	Active, Protection
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:beautycare.emea-info@dsm-firmenich.com">beautycare.emea-info@dsm-firmenich.com</a>
<b>WEBSITE:</b>	<a href="http://www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html">www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html</a>

### SUNSCREEN OPTIMIZER™ – Enabling Environmentally Conscious Claim Substantiation

The SUNSCREEN OPTIMIZER™ is a science-based tool that enables formulators to develop high-performance sunscreen formulations according to the latest standards. It provides in-depth technical insights to support data-driven decision making:

- Performance Assessment – Initial in-silico UVB/UVA prediction.
- Environmental Impact Evaluation – Quantifies UV filter system sustainability by using the qualified UV Eco Score tool, based on the latest PBTM assessment.
- Accelerated Formulation Process – Reduces development time and costs while ensuring regulatory UV filter compliance.

Partner with dsm-firmenich for cutting-edge sunscreen formulations!

PBTM: Persistency–Bioaccumulation–Toxicity–Mobility, ECHA standardized procedure

SYN<sup>®</sup>-COLL CB

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:beautycare.emea-info@dsm-firmenich.com">beautycare.emea-info@dsm-firmenich.com</a>
<b>WEBSITE:</b>	<a href="http://www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html">www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html</a>

SYN<sup>®</sup>-COLL CB is the dsm-firmenich patented tripeptide that mimics skin's own mechanisms to produce and protect Collagen from within.

Natural-origin peptide, suitable for sustainable formulations, produced according to green chemistry principles. Improved optimized synthesis, TFA-free, readily biodegradable.

It's clinically proven across different ethnicities, SYN<sup>®</sup>-COLL CB:

- significantly boosts skin's Collagen up to +26% with age-personalized power, for lifelong slow-aging
- in young skin, already at 1% prevents Collagen from UV-induced degradation. 2.5X better protection vs UV-exposed untreated skin
- makes skin visibly firmer, smoother and more sculpted

SYN<sup>®</sup>-COLL CB – Activate your Collagen for lifelong slow-aging

**Se(HA)+™**

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Bio-fermentation ingredients, Marine extracts
<b>EMAIL:</b>	info@lipotrue.com
<b>WEBSITE:</b>	lipotrue.com

Se(HA)+™ is not just hyaluronic acid, is an enriched, full-spectrum HA naturally produced by a microorganism that thrives in extreme conditions. Its secret lies in its DNA, encoding HA along with other bioactive components to protect itself from harsh environments.

This unique composition provides deep hydration, plumping, and skin barrier reinforcement in just 30 minutes. Acting holistically from the surface to the deepest layers, Se(HA)+™ boosts endogenous HA production, enhances skin renewal and reinforces ECM composition. A new biotech-powered innovation for hydration and skin rejuvenation.

**PUREBLOME™, powered by Triplobiome™ Technology**

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Anti-microbial agents
<b>EMAIL:</b>	<a href="mailto:c.vigo@weareprovital.com">c.vigo@weareprovital.com</a>
<b>WEBSITE:</b>	<a href="http://www.weareprovital.com/en/be-tech/biotechnological-products/triplobiometm-technology">www.weareprovital.com/en/be-tech/biotechnological-products/triplobiometm-technology</a>

Pureblome™ is the latest ecosystem ingredient powered by Triplobiome™ Technology, created through the isolation of the endophytic *Bacillus velezensis* from agroecologically cultivated hyssop (*Hyssopus officinalis*). This harmonizing active balances and regenerates mature, acne-prone skin by leveraging nature's symbiotic intelligence.

- A unique post-biotic ingredient that takes the symbiotic intelligence of a naturally balanced ecosystem.
- A regenerating solution for the evolving adult women.
- A triple-efficacy active that improves acne, oily skin and inflammation while preventing aging signs; thanks to its dual action on the targeted cell types.

Just as ecosystems thrive in harmony, skin radiates vitality with Pureblome™.

# PROVITAL, S.A.

## BIO-BALANCING VEIL SERUM infused with PUREBLOME™

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Water	89.38	
	PemuPur™ START POLYMER	Microcrystalline cellulose (and) Sphingomonas ferment extract (and) Cellulose gum	0.50	Lubrizol
		1,3-Propanediol	3.00	
	Sensiva® PA 40	Phenylpropanol, Propanediol, Caprylyl Glycol, Tocopherol	0.80	Ashland
	Satiagum VPC 430	Carrageenan, Chondrus Crispus Extract	1.50	Cargill
B	Lotusense	Isostearyl Isostearate, Nelumbo Nucifera Flower Extract	2.00	Provital
		Hyssopus Officinalis Leaf Oil	0.10	
	Magic Shroom	Fragrance ( Parfum)	0.50	Luzi
	Covi-ox ® T 70C	Tocopherol	0.10	BASF
C	Pureblome™	Aqua, Glycerin, Propanediol, Bacillus Ferment, Pentylene Glycol, Levulinic Acid, Glyceryl Caprylate	2.00	Provital
	Natpure Col Green LC 717	CI 75810, Maltodextrin	0.01	Sensient
		Water, Sodium Hydroxide	0.01	

### Procedure

- Disperse PemuPur START™ Polymer in water using homogenizer for 10 mins.
- Leave it untouched for 15 mins.
- Blend A.3+A.4+A.5 together and add this premix to batch under stirring until an homogeneous gel is formed
- Mix ingredients of phase B together and add it slowly to phase A under strong stirring
- Homogenize for 1 min.
- Add C.1 and C.2
- Adjust the final pH of the formula TO 5.0-6.0 with C.3

### Properties

Appearance: Pale green creamy gel

pH: 5,0-6,0

Viscosity (100 rpm, 20°C, spindle 6): 800-1600 mPa.s

Stability Test: 3 month at 50°C, 40°C, RT, 4°C

**BioEssence™ K2 MK-7**

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Vitamins, minerals, Antioxidants, Conditioning agents
<b>EMAIL:</b>	<a href="mailto:doriswang@sinolion.com">doriswang@sinolion.com</a>
<b>WEBSITE:</b>	<a href="http://www.sinolion.com">www.sinolion.com</a>

Sino Lion has developed an advanced green production process for Vitamin K2 (BioEssence™ K2 MK-7) with a 100% all-trans structure, establishing itself as a leading global supplier. As the first to introduce this ingredient from the food sector to personal care, Sino Lion has rigorously researched its efficacy, particularly in skincare. This includes over 8 in vitro and 3 in vivo studies, one independently verifying dark circle reduction by enhancing superficial vasculature.

MK-7 also demonstrated in vitro inhibition of KLK-5 hyperactivity, supported by clinical evidence of improved barrier function, confirming its safety and benefits for consumers.

# Sino Lion

## Vitamin K2 Eye Cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water		To 100	
	Glycerin	Glycerin	5	KLK
	Aristoflex® Silk	Sodium Polyacryloyldimethyl Taurate	0.4	Clariant
	EverGuard™ HP	Hydroxyacetophenone	0.6	Sino Lion
	EverMild™ HG	1,2-Hexanediol	0.7	Sino Lion
B	Olivem® 1000	Cetearyl Oliviate (and) Sorbitan Oliviate	2	Hallstar
	Picocare SE	Hydrogenated Lecithin (and) Myristic Acid (and) Stearic Acid (and) Behenic Acid (and) Stearyl Alcohol (and) Behenyl Alcohol	1	NFC Corporation
	SALACOS 99	Isononyl Isononanoate	1	Nisshin
	XIAMETER PMX-200 (350cs)	Dimethicone	2	ShinEtsu
	Tocopherol	Tocopherol	0.1	DSM
	Oxyhex® ST Liquid	Diethylhexyl Syringylidenemalonate (and) Caprylic/Capric Triglyceride	0.03	Merck
	Cetearyl Alcohol		1.8	BASF
BioEssence™ MK-7	Menaquinone-7 (Vitamin K2)	0.05	Sino Lion	
C	Bisabolol (95%)	Bisabolol	0.1	Aowen

### Procedure

1. Mix phase A and B and heat to 85°C while stirring until uniform, respectively;
2. Add phase B into phase A and then homogenize for 5 minutes for emulsification thoroughly, then slowly cool down.
3. Add phase C at 45°C while stirring until uniform.

### Properties

Appearance: Lightly yellowish cream

Viscosity: 10,000±2,000 mPa.s (Brookfield RVT, 30rpm, 93#spindle, 25°C)

pH: 6.0±1.0

## RESVERATROX® WS

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants
<b>EMAIL:</b>	<a href="mailto:contact@actichem.fr">contact@actichem.fr</a>
<b>WEBSITE:</b>	<a href="http://actichem.net">actichem.net</a>

ACTICHEM is a French producer of natural active ingredients from upcycled French vine shoots and vine roots for 27 years.

ACTICHEM has just launched RESVERATROX® WS:

- Water-soluble and natural Resveratrol and its derivatives
- Significant results on healthy aging, wrinkle reduction, antioxidant and anti-pollution properties and more
- Extracted solely from upcycled French vine shoots: these co-products are pruned every year by vine growers
- Made in France and COSMOS approved

## Lady Purple®

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:simone.stasi@activecells.it">simone.stasi@activecells.it</a>
<b>WEBSITE:</b>	<a href="http://www.activecells.it">www.activecells.it</a>

Lady Purple® is an enzymatic extract of the marine microalgae *Porphyridium cruentum*, obtained through a sophisticated Upcycling process.

Through our enzymatic process we break down the membrane of the microalgae and extract its active molecules, enhancing its characteristics.

The result is Lady Purple®, an aqueous extract with exceptional color containing phycobiliproteins and functional polysaccharides.

The product possesses important protective activities against oxidative stress induced by ultraviolet rays and urban pollution and contributes to a healthy skin microbiome.

- Biotechnologically obtained from microalgae
- Adds a vibrant pink hue to formulations
- Innovative and sustainable by definition

## AC Blue'Nette Toner

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@activeconcepts.it">info@activeconcepts.it</a>
<b>WEBSITE:</b>	<a href="http://activeconceptsllc.com">activeconceptsllc.com</a>

Developed by investigating cross-linking technology with pea starch and butterfly pea flower secondary metabolites, AC Blue'Nette Toner prevents orange tones in brown and highlighted hair, hydrates, and protects hair from excessive humidity.

- AC Blue'Nette Toner offers an effective, natural alternative to synthetic colorants for counteracting orange shades in both bleached and natural brown hair.
- AC Blue'Nette Toner achieves a toning effect on virgin brunette hair similar to standard blue-pigmented shampoos on the market.
- Blue'Nette Toner enhances moisture retention, reduces color fading caused by frequent washing and UV exposure, and smooths hair by reducing frizz.

# Active Concepts

1D150

## AC WonderShroom

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@activeconceptslc.com">info@activeconceptslc.com</a>
<b>WEBSITE:</b>	<a href="http://activeconceptslc.com">activeconceptslc.com</a>

AC WonderShroom, a revolutionary skincare innovation inspired by the wisdom of nature—where mycelial networks communicate and sustain life, much like the intricate systems within our own bodies. Rooted in the principles of Psychoneuroimmunology (PNI) and neuroscience, this formula harnesses the power of adaptogens and nootropics to counteract stress-induced aging, enhance skin resilience, and promote emotional well-being. By strengthening the mind-skin connection, AC WonderShroom redefines beauty as a holistic experience.

Neuro-Boosting - Enhances mental clarity and cognitive well-being, and rejuvenates the skin

Pro-Aging – Shields against environmental stressors and enhances skin vitality

Skin-Resilience – Reinforces the skin barrier and improves elasticity

## A-SoothingUp RB

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:nhkim2010@activon.kr">nhkim2010@activon.kr</a>
<b>WEBSITE:</b>	<a href="http://www.activon-global.com/">www.activon-global.com/</a>

- Sustainable Sourcing and Manufacturing  
Traceable and sustainable sourcing from cultivation and harvest to processing of raw materials.  
  
Sustainable manufacturing process using an optimized NADES (Natural Deep Eutectic Solvent) extraction system.
- Clinically Proven Soothing Effects  
Clinically proven soothing effects against various physical and chemical irritants, including retinol.  
  
Effective soothing effect with just an 1% addition to formulations.
- Suitable for Both Short-term and Long-term Soothing  
Immediate soothing effects observed within 5 minutes of a single application, outperforming conventional skin barrier improvement ingredients.

# ACTIVON Co., LTD.

## A-SoothingUp RB

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	D.I. water	Water	Up to 100	
	Carbopol® Ultrez 21 polymer	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.20	
	arginine	arginine	0.10	
B	Glycerin	Glycerin	5.00	ACTIVON Co., Ltd.
	Activonol-BG (UK) Natural	Butylene Glycol	3.00	ACTIVON Co., Ltd.
	Activonol-PG Green	Propylene Glycol	1.00	ACTIVON Co., Ltd.
	Activonol-5N (Natural)	Pentylene Glycol	1.00	ACTIVON Co., Ltd.
	Activonol-LevaNA (BG)	Fructan, Butylene glycol, Water	1.00	ACTIVON Co., Ltd.
	Axosome-CICA	Centella asiatica Leaf Vesicles, Butylene glycol, Water	1.00	ACTIVON Co., Ltd.
C	Olivem 1000	Cetearyl Oliviate, Sorbitan Oliviate	4.00	
	Cetearyl Alcohol	Cetearyl Alcohol	3.00	
	Glyceryl Stearate	Glyceryl Stearate	1.00	
	MCT oil	Caprylic/Capric Triglyceride	15.00	
	Shea Butter	Butyrospermum Parkii (Shea) Butter	3.00	
D	Activonol-6N	1,2-Hexanediol	2.00	ACTIVON Co., Ltd.
E	A-SoothingUp RB	Nephelium Lappaceum Peel Extract, Propanediol, Betaine, Water	2.00	ACTIVON Co., Ltd.
F	arginine	arginine	0.10	

### Procedure

1. Weigh Phase A into the main beaker and homogenize with a disperser.
2. Add Phase B and mix. Heat up to 70°C
3. Weigh Phase C in a separate beaker and heat to 75°C.
4. Add Phase C to Phase A+B and emulsify using a homomixer. ~4000rpm
5. Add Phase D, E, and F sequentially.
6. Cool to 35°C.

### Properties

pH 5 - 6

White cream

Passed 3 months at RT, 45°C and 50°C,

## ProliCell® MeadowGlow

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	s.aykut@actvlab.com
<b>WEBSITE:</b>	actvbiotech.com

ProliCell® MeadowGlow is a new active ingredient for use in facial and skincare products, with skin-brightening, anti-wrinkle, and anti-fatigue properties.

It has been developed with the patented technology called ProliCell®, which enables the production of exosomes enriched with small RNAs from plant stem cells.

It contains a combination of Spiraea ulmaria (Meadowsweet) stem cells and small RNAs enriched from their exosomes.

It demonstrates effective skin-brightening and anti-wrinkle effects thanks to these properties.

## MICROdispersion enhanceUS

<b>PRODUCT TYPE:</b>	Active, Protection, Body care
<b>CATEGORIES:</b>	Active ingredient, UV filters, SPF boosters, Formulation bases
<b>EMAIL:</b>	<a href="mailto:sales@ad-particles.com">sales@ad-particles.com</a>
<b>WEBSITE:</b>	<a href="http://adpcosmetics.com/">adpcosmetics.com/</a>

MICROdispersion enhanceUS is an innovative mineral UV filter dispersion. Its patented technology ensures homogeneous and stable dispersion, enhancing sensorial properties and reducing the whitening effect. SPF 50 with only 25% of MICROdispersion enhanceUS on final formula.

1. High concentration of mineral filters: Allows for a reduced amount of ingredients in the final formula, offering greater formulation flexibility without compromising efficacy.
2. Enhanced protection and stability: High protection UVB, UVA.
3. Superior sensoriality: Lightweight, uniform texture with a non-greasy, non-whitening effect.

# Advanced Dispersed Particles SL

## BABY CARE SPF50+

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Emulium Illustro	Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyrinoleate	6	Gattefossé
	Plurol Diisostearique CG	Polyglyceryl-3 Diisostearate	3	Gattefossé
	Vercare Isola	Isoamyl Laurate	10	Jover Scientech, S.L.
	Cetiol B	Dibutyl Adipate	12	BASF
	Bentone Plus Glow	C13-15 Alkane (and) Distearidimonium Hectorite (and) Vitis Vinifera (Grape) Seed Oil (and) Phytosterols (and) Olea Europaea (Olive) Oil Unsaponifiables (and) Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables (and) Glyceryl Oleate (and) Tocopherol	3	DKSH
	Bentone Luxe WN	Caprylic/Capric Triglyceride (and) Stearalkonium Hectorite (and) Polyglyceryl-3 Diisostearate (and) Polyglyceryl-3 Polyrinoleate	2	DKSH
	Antaron ECO Gel	Ethylcellulose (and) Diisopropyl Adipate	2	Ashland
	Sunhancer ECO SPF Booster	Copernicia Cerifera (Carnauba) Wax (and) Oryza Sativa (Rice) Extract	3	Lubrizol
MICRO dispersion (enhanceU-S)	Zinc Oxide, C12-15 Alkyl Benzoate, Titanium Dioxide, Polyhydroxystearic Acid, Silica	30	ADParticles	
B	Water	Water	27.5	n.a
	Sodium Chloride	Sodium Chloride	1	n.a
	Acnibio PE9010	Phenoxyethanol (and) ethylhexylglycerin	0.5	Metapharmaceutical

## Procedure

- Heat oily Phase A 75°C (except filter dispersion and sunhancer).
- Once the oily phase has melted and is homogeneous, add sunhancer and stir for 10 min (800-900 rpm).
- Homogenise the dispersion for 5 min before adding it to phase A. Add the dispersion to the oil phase (Phase A) and stir for 40 min (1.100-1.200 rpm). 4
- Heat the aqueous phase for 10 min at 75°C.
- Emulsify the aqueous phase on the oily phase and stir for 10 min (1.800-1.900 rpm).

- Homogenize with Ultra-turrax for 5 min (11.600-12.000 rpm).
- Cool down with moderate mechanical agitation (800-900rpm).

## Properties

- SPF50+ (in-vitro)
- SPF (in-vivo) ongoing
- UVA/UVB= 0,77
- Stability test ongoing

## SeaCALM

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Marine extracts
<b>EMAIL:</b>	emerand@agrimer.com
<b>WEBSITE:</b>	www.agrimer.com

SeaCalm improves harmony and comfort for sensitive or sensitized skin through its prebiotic and postbiotic properties.

It maintains skin microbiome balance, enhancing comfort for sensitive skin by (brightening the complexion,) reducing redness, and minimizing pore size.

A biomimetic solution inspired by the adaptation strategy of seaweed to withstand extreme conditions. Derived from our patented NaDES technology applied to seaweed: Seatectic.

- Balances the skin microbiota
- Anti-redness
- Reduces pore visibility

Applications : SENSITIVE SKIN CARE – ANTI-REDNESS CARE – MICROBIOME REBALACING CARE - SOOTHING CARE

## Akosky Eternal

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	akott@akott.com
<b>WEBSITE:</b>	www.akott.com

Akosky Eternal is made from fenugreek sprouts (*Trigonella foenum-graecum*), packed with antioxidants and bioactive compounds like Trigonelline, Vitexin, and Apigenin. These compounds deliver three key benefits: natural protection from UV damage, prevention of wrinkles and fine lines, and stimulation of Collagen I production.

By harnessing these potent properties, Akosky Eternal helps maintain youthful, radiant, and protected skin. Perfect for both skincare and make-up, our product combines nature's power with advanced cosmetic science to enhance your skin's health and appearance. Experience a new standard in beauty, driven by the purest, most effective ingredients

## ALGAKTIV® Exometics G

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Marine extracts, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:alapeyre@algaktiv.com">alapeyre@algaktiv.com</a>
<b>WEBSITE:</b>	<a href="http://www.algaktiv.com">www.algaktiv.com</a>

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Exometics™ G – Vegan Biomimetic Exosomes for Total Skin Renewal

Exometics™ G is a groundbreaking biomimetic exosome technology engineered from microalgae to deliver advanced skin regeneration. Powered by patented bioengineering, it replicates the structure and function of human exosomes—without ethical, regulatory, or sustainability concerns. Clinically proven, it accelerates wound healing by 30.6%, improves elasticity, making you look 2.2 years younger in 14 days, and enhances radiance by 15%. With a controlled 150 nm size and over 17 million vesicles per drop, Exometics™ G ensures unmatched potency, stability, and scalability—setting a new gold standard for regenerative skincare.

## AOT PunicActive

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts, Oils, butters
<b>EMAIL:</b>	<a href="mailto:sales@aot.de">sales@aot.de</a>
<b>WEBSITE:</b>	<a href="http://www.aot.de">www.aot.de</a>

Pomegranate seeds are pressed under optimum conditions to extract oleosoluble active molecules. Through Molecular Distillation, which is a green and sustainable process, the active part of the oil is concentrated. The active extract is an ideal alloy of unsaponifiable and naturally occurring liposoluble molecules.

AOT PunicActive helps sensitive skin to resist to external aggressions. Studies available.

- 100% pomegranate lipids
- 100% organic certified
- 100% natural active ingredient

## ArcherZyme

<b>PRODUCT TYPE:</b>	Active, Body care, Antiperspirant, deodorant
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents, Bio-fermentation ingredients, Enzymes
<b>EMAIL:</b>	Boonchong@arrowbiome.com
<b>WEBSITE:</b>	<a href="http://www.arrowbiome.com/">www.arrowbiome.com/</a>

ArcherZyme is a cutting-edge lysin engineered for precision odour control. These lysins selectively target *Staphylococcus hominis*, the primary bacteria responsible for body odour, while preserving beneficial bacteria like *Staphylococcus epidermidis*. This innovation maintains microbiome balance, ensuring long-term effectiveness.

### Key Differentiators:

- **Microbiome-Friendly:** Precisely eliminates odour-causing bacteria (*Staphylococcus hominis*) without disrupting beneficial microbes, preserving skin health.
- **Rapid and Long-Lasting:** Reduces bacterial load within 10 minutes and provides 24-hour odor control while preventing bacterial resistance.
- **Sustainable Solution:** Offers a long-lasting, resistance-proof approach that meets consumer demand for natural, eco-conscious personal care products.

# ArrowBiome Pte. Ltd.

## ArcherZyme

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Water	87.49	
	Salt	Sodium Chloride	2	
	HEPES	Hydroxyethylpiperazine Ethane Sulfonic Acid	0.5	
B	Glycerin	Glycerin	10	
C	ArcherZyme	sr-phage polypeptide-1	0.01	ArrowBiome

### Procedure

1. Mix phase A and adjust the pH level to 7
2. Add in phase B and stir under maximum stirring for 5 mins
3. Add in phase C and stir under medium stirring until homogeneous
4. Keep it at 4 degree Celsius for extended shelf life

### Properties

pH 7, low viscosity, transparent and odor-less solution  
3 months at 4 degree Celsius (stability test ongoing)

Claims: Microbiome-friendly deodorant, non-irritating, long-lasting freshness

## collapeptyl™ biofunctional

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:jcotton@ashland.com">jcotton@ashland.com</a>
<b>WEBSITE:</b>	<a href="http://www.ashland.com/collapeptyl">www.ashland.com/collapeptyl</a>

Welcome to the future of collagen innovation.

Collapeptyl™ is the first-ever hyalupeptide hybrid, designed by A.I.-driven molecular modeling, powered by the 2HP™ technology (Hyaluronic Hybrid Peptide), which mimics and boosts 20 skin collagen types. This breakthrough ingredient is also a unique texturactive™, delivering not only exceptional visible performance but also a velvet, smooth feel that elevates every formulation.

Transform your formulations, bridge science, sensoriality, and efficacy like never before.

- vegan, PFAS-free, 99.7% natural collagen peptide solution
- instantly reveals the glass-like glowy skin in 4h
- corrects appearance of expression wrinkles in 4h and deep wrinkles in 1 month

# Ashland

## [coll] 20 peptide gel cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	purified water	Water/Aqua	80.50	Local
	RapiThix™ A-100 polymer	Sodium Polyacrylate	1.50	Ashland
B	Optiphen™ Plus preservative	Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid	1.00	Ashland
	Collapeptyl™ biofunctional	Glycerin (and) Water/Aqua (and) Pentylene Glycol (and) Cellulose Gum (and) Levulinic Acid (and) Hydrolyzed Sodium Hyaluronate (and) Hexapeptide-9 (and) Tripeptide-1	5.00	Ashland
C	Ceraphyl™ 368 ester	Ethylhexyl Palmitate	3.00	Ashland
	Ceraphyl™ 791 ester	Isocetyl Stearoyl Stearate	2.00	Ashland
	Ceraphyl™ 230 ester	Diisopropyl Adipate	2.00	Ashland
	Ceraphyl™ 41 ester	C12-15 Alkyl Lactate	5.00	Ashland

### Procedure

1. In the main beaker, at RT, sprinkle RapiThix™ in water and mix until the gel is smooth
2. At RT, add phase B ingredients and mix well
3. At RT, add phase C and homogenize well
4. Stop at RT

### Properties

description: white gel cream

pH: 5.3 – 5.8

viscosity: 35 000 – 50 000 cps (Brookfield RVT | Spindle B | 5 RPM | 1 minute | 25c)

## sensiva™ sc 50 natural multifunctional

<b>PRODUCT TYPE:</b>	Active, Facial care, Antiperspirant, deodorant
<b>CATEGORIES:</b>	Preservatives, preservative boosters, Emollients, lipids, petrolatum, Humectants, Fragrance ingredients, masking agents
<b>EMAIL:</b>	<a href="mailto:christine-trang.schlesinger@ashland.com">christine-trang.schlesinger@ashland.com</a>
<b>WEBSITE:</b>	<a href="http://www.ashland.com/sensiva-sc-50-natural">www.ashland.com/sensiva-sc-50-natural</a>

Building on our groundbreaking sensiva™ sc 50 multifunctional success story, the renown multifunctional booster now comes along all natural. sensiva™ sc 50 natural multifunctional, designed to meet the growing demand for natural ingredients in personal care formulations, offers a wide array of benefits:

- 100% natural according to ISO 16128
- booster for antimicrobials
- effective against odor-causing bacteria
- skin care emollient
- provides antioxidative properties
- boosting and fixating of fragrance ingredients

## Bicoalgae® Blue

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Microspheres, delivery systems, Marine extracts, Plant extracts, Antioxidants, Vitamins, minerals
<b>EMAIL:</b>	<a href="mailto:l.barbosa.barros@bicosome.com">l.barbosa.barros@bicosome.com</a>
<b>WEBSITE:</b>	<a href="http://www.bicosome.com">www.bicosome.com</a>

Aging skin accumulates senescent cells, which resist apoptosis and produce inflammatory mediators leading to the impairment of skin functions such as cell proliferation, energy production, collagen synthesis, and wound healing.

Bicoalgae® Blue is a sophisticated nanostructure designed to potentiate the synergic anti-senescent effects of blue microalgae and red fruit polyphenols, and to target delivery them into Epidermal and Dermal layers.

- Increases cell energy
- Restores cell proliferation and collagen synthesis
- Re-plumps the skin

Bicoalgae® Blue is an intelligent technology that travels throughout the skin layers bringing a breath of youth to senescent tissues, constituting a true antidote.

**Evobiom™**

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:elisa.garioni@bict.it">elisa.garioni@bict.it</a>
<b>WEBSITE:</b>	<a href="http://bict.it">bict.it</a>

Evobiom™ is a patented pending and innovative postbiotic derived from Nutiani Lacticaseibacillus rhamnosus HN001™, co-developed with Fonterra.

Produced following circular economy principles, it strengthens the skin barrier and promotes overall skin well-being. For atopic skin, it provides prebiotic activity, anti-inflammatory action, and supports wound healing. For aging skin, it enhances regeneration, hydration, and reduces dark spots thanks to its antimelanogenic activity.

Validated through exometabolomic analysis, Evobiom™ is an advanced, suitable for vegan formulation, sustainable, and versatile solution, ideal for cosmetics and medical devices, ensuring skin protection and balance at every stage of life.

## BGT™ mRNA-Collagen: Creates a New Era of Genetic Skincare

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	diana.tang@biogtech.com
<b>WEBSITE:</b>	www.biogtech.com

- **Direct Collagen Synthesis:**  
Unlike traditional anti-aging actives, BGT™ mRNA-Collagen programs the skin to naturally produce collagen without stimulating cellular pathways. This ensures a non-irritating yet highly effective solution for collagen synthesis and skin rejuvenation.
- **High Efficacy:**  
A single mRNA-Collagen molecule remarkably generates over 6,000 collagen molecules, significantly enhancing skin collagen levels with lasting results.
- **Breakthrough Stability and Safety:**  
Stabilized at room temperature, this breakthrough technology ensures mRNA's integrity and efficacy, making it highly practical for real-world skincare applications.

## PLANTRACTION PMD

<b>PRODUCT TYPE:</b>	Active, Antiperspirant, deodorant, Body care
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents, Essential oils, Fragrance ingredients, masking agents, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@bioarge.com">info@bioarge.com</a>
<b>WEBSITE:</b>	<a href="http://www.bioarge.com">www.bioarge.com</a>

PLANTRACTION PMD is a 100% natural cis, trans-p-menthane 3,8-diol (PMD) produced from Eucalyptus Citriodora using Green Chemistry. Our PMD has active and protective functions in skin and hair care products. Some effects it has:

- Insect repellent
- Fragrance
- Anti-viral

Additionally, 100% naturalness of this raw material is approved by Cosmos Natural. It does not have cytotoxic properties due to its natural structure and it can be a natural alternative compared to synthetic actives such as DEET.

## TensylPro™

**PRODUCT TYPE:** Active, Facial care, Body care

**CATEGORIES:** Active ingredient

**EMAIL:** [sales@biocogent.com](mailto:sales@biocogent.com)

**WEBSITE:** [www.biocogent.com](http://www.biocogent.com)

TensylPro™ is Biocogent's latest advanced active ingredient, combining two powerful botanical extracts, Rumex acetosella (Field Sorrel) and Pinus massoniana (Mason's Pine). This innovative ingredient is designed to restore and reinforce the skin architecture, supporting the dermal-epidermal junction (DEJ) and stimulating elastin and collagen production.

By working at the foundational level of the skin, it rebuilds and reinforces essential proteins for long-term anti-aging benefits. The synergistic combination of two botanical extracts makes TensylPro™ a unique solution for skincare formulations targeting anti-aging, skin firming, and wrinkle reduction.

Revitalize your skin at the DEJ—where health, youth, and rejuvenation begin!

## FLORAPUNTIA

**PRODUCT TYPE:** Active, Facial care, Body care

**CATEGORIES:** Active ingredient

**EMAIL:** [info@biocosmethic.com](mailto:info@biocosmethic.com)

**WEBSITE:** [biocosmethic.com](http://biocosmethic.com)

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From the *Opuntia ficus-indica*: hydrating, strengthening barrier and preventing photoflammaging.

Sourced from upcycled flowers, FLORAPUNTIA unlocks the secret to serene hydration, a fortified skin barrier, and powerful protection against photoflammaging.

## PURYFLOWER

<b>PRODUCT TYPE:</b>	Active, Facial care, Facial products
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants
<b>EMAIL:</b>	<a href="mailto:info@bionap.com">info@bionap.com</a>
<b>WEBSITE:</b>	<a href="http://www.bionap.com/">www.bionap.com/</a>

Puryflower is a breakthrough active ingredient based on isorhamnetin from prickly pear cactus flowers, standardized to >0.3%. Made in Italy, it is obtained through sustainable co-product sourcing and green production processes.

- Botanical innovation featuring isorhamnetin from prickly pear cactus flower, a new bioactive for oily skin.
- Multi-target mechanism of action: Inhibits 5-alpha reductase, reduces sebocyte overproliferation, oxidative stress, and inflammation.
- Fast-acting & clinically proven efficacy: Visibly regulates sebum production, tightens pores, and delivers a smoother and mattified skin texture.

# BIONAP

## PURIFYING SORBET CREAM-GEL

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	DEMNERIZED WATER	Aqua/water	81.1	-
	ZEMEA	Propanediol	5	DuPont Tate & Lyle Bio Products
	GLYCEROL	Glycerin	3	
	SYMSAVE H	Hydroxyacetophenone	0.5	SYMRISE
	PURYFLOWER	Opuntia ficus-indica flower extract, maltodextrin	1	BIONAP
	DERMOFEEL	Sodium phytate, aqua, alcohol	0.1	EVONIK
B	JEESPERSE CPW-S	Helianthus Annuus (Sunflower) seed wax, Sodium polyacrylate	4.5	VANTAGE
C	CETIOL CC	Dicaprylyl carbonate	3	BASF
D	VALVANCE TOUCH 210	Silica	0.4	DSM
	EUXYL 701 K	Phenoxyethanol, benzoic acid, dehydroacetic acid, ethylhexyl-glycerin	1	ASHLAND
	-	Parfum/fragrance	0.3	-
E	-	CI 42090 (sol. 0.15%)	0.04	-
F	CITRIC ACID (SOL. 30%)	Citric acid, water	0.06	-

### Procedure

1. Combine ingredients of phase A and stir until homogeneous
2. Add phase B under stirring. Continue stirring until the polymer is fully dispersed
3. Add phase C to AB under stirring
4. Add phase D to phase ABC, one ingredient at a time
5. Add phase E
6. Verify the pH and adjust to 5.5 -6 with phase F
7. Homogenize at a medium-high speed

### Properties

Appearance: Light green cream gel

pH: 5.5 -5.7

Viscosity: 20400 cP, 30 rpm, spindle SP-11 (IKA Rotavisc me-vi), T: 20°C

Stability: Stable 3 months at 4°C, RT and 45°C, and 1 month at 50°C

## Bioyouth™-SPG Schizophyllan Gel

<b>PRODUCT TYPE:</b>	Active, Facial care, After sun
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Conditioning agents, Humectants
<b>EMAIL:</b>	<a href="mailto:fukx@bloomagebiotech.com">fukx@bloomagebiotech.com</a>
<b>WEBSITE:</b>	<a href="http://www.bloomagebioactive.com/">www.bloomagebioactive.com/</a>

Bioyouth™-SPG is a schizophyllan gel using the unique Schizophyllum commune from the pristine forests of Yunnan as the fermentation strain. Through innovative fermentation technology, it produces an active  $\beta$ -glucan with a distinctive triple-helix structure, known as Schizophyllan.

Bioyouth™-SPG not only forms a 3D water network to enhance the skin's physical barrier but also offers dual immunomodulation, soothing redness, improving the skin's microenvironment, and combating inflammaging for a healthier, more radiant complexion.

# Bloomage Biotechnology Corp., Ltd.

## SPG Balance & Calm Lotion

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	BUTYLENE GLYCOL	Butylene Glycol	5	OQ Chemicals
	GLYCERIN	Glycerin	3	
	Hybloom™ Sodium Hyaluronate (HA-TP)	Sodium Hyaluronate	0.05	Bloomage
	Bioyouth™-SPG Schizophyllan Gel	Schizophyllan, 1,2-Hexanediol, Ethylhexylglycerin, Aqua	3	Bloomage
	Bloom surfact™ Sodium Surfactin	Sodium Surfactin	0.05	Bloomage
	EMT10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Sorbitan Isostearate, Polysorbate 60	0.5	SEPPIC
	XANTHAN GUM	Xanthan Gum	0.1	
	DISODIUM EDTA	Disodium EDTA	0.05	
B	EMULIUM MELLIFERA MB	Polyglyceryl-6 Distearate, Jojoba Esters, Polyglyceryl-3 Beeswax, Cetyl Alcohol	2	Gattefossé
	BUTYROSPERMUM PARKII (SHEA) BUTTER	Butyrospermum Parkii (Shea) Butter	3	AAK
	CETEARYL ALCOHOL	Cetearyl Alcohol	1	
	SQUALANE	Squalane	3	
	GTCC	Caprylic/Capric Triglyceride	5	BASF
C	DC200	Dimethicone	2	
	PE9010	Phenoxyethanol, Ethylhexylglycerin	0.6	
D	Biobloom™ Microecobeaauty ME-2	Lactobacillus Ferment, Pentylene Glycol	1	Bloomage
	Biobloom™ Microecobeaauty ME-3	Bifida Ferment Filtrate, Pentylene Glycol	1	Bloomage
	Water	Aqua	To 100	

### Procedure

1. Take a beaker, mix the A phase materials, add purified water, dissolve completely, and keep warm at 85°C for 15 minutes.
2. Take another beaker, mix the B phase materials, and keep warm at 85°C for 15 minutes.
3. Take out the A and B phases, pour the B phase into the A phase, stir quickly, add the C phase, and homogenize immediately for 3-5 minutes.

4. Then, After slowly cooling to room temperature, add D phase and stir evenly.

### Properties

pH5.5-6.5, Viscosity: 3000-6000 mpa.s

## NovaColl HC™

<b>PRODUCT TYPE:</b>	Active, Conditioning, Cleansing, shampoos
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	sarah.valensi@cambrium.bio
<b>WEBSITE:</b>	cambrium.bio

NovaColl HC™ is a collagen-active designed for rejuvenation of damaged hair. It repairs cystine bonds, builds strength and locks in hydration for holistic damage reversal.

- Compared to chemical bonding treatments, it delivers the first all-natural solution for bond repair.
- Powered by recombinant collagen technology, the peptide was precisely discovered with AI to enhance absorption and biocompatibility.
- Produced with precision fermentation, NovaColl HC™ is a natural, vegan and sustainably manufactured ingredient.

## PROBIOTIC-DERIVED EXOSOME SERIES

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	jake@chamc.co.kr
<b>WEBSITE:</b>	<a href="http://www.chamt.co.kr/en/Products/Exosome.aspx">www.chamt.co.kr/en/Products/Exosome.aspx</a>

- 1. Exosomes from Probiotics:**  
Derived from lactic acid bacteria, they offer significant immune modulation and skin protection benefits. Their characteristics vary based on origin and environmental conditions.
- 2. Production Efficiency:**  
The easy culturing of probiotics enables efficient, eco-friendly exosome harvesting, reducing the need for synthetic compounds and promoting sustainability.
- 3. CHA Meditech's Approach:**  
Exosomes derived from plant probiotics isolated from *Centella asiatica*, *Tremella fuciformis*, and fermented Kimchi enhance skincare by providing natural, therapeutic benefits, thereby promoting healthy skin and overall well-being naturally.

## Hidrahair® Seal SE

<b>PRODUCT TYPE:</b>	Active, Conditioning, Styling
<b>CATEGORIES:</b>	Active ingredients, Bio-fermentation ingredients
<b>EMAIL:</b>	henrique.marconi@chemyunion.com
<b>WEBSITE:</b>	www.chemyunion.com

Fermented biotechnological ingredient that provides immediate and long-lasting repair for split ends, with bioadhesive properties that smooth the surface of the hair fiber, reducing breakage from mechanical stress and controlling volume and frizz. GMO-FREE ingredient, China Compliant, and NOC: 100%

- Repair 97% of hair split ends instantly after the first treatment and maintain 83% repaired after 48h. (80% RH)  
Provide a more homogeneous and regular film on the hair fiber surface than the benchmark
- Maintains 40% of the split ends repaired after combing 10x

## Peptid4 B-Like

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:mariana.yamamoto@chemyunion.com">mariana.yamamoto@chemyunion.com</a>
<b>WEBSITE:</b>	<a href="http://www.chemyunion.com">www.chemyunion.com</a>

Peptid4® B-Like is a synthetic tetrapeptide that mimics the mechanism of botulinum toxin to reduce the appearance of wrinkles caused by muscle contraction. It significantly minimizes expression lines, from the mildest to the deepest, and is obtained through a process aligned with Green Chemistry, ensuring sustainable production. With a natural origin content of 99.86% (ISO 16128), this peptide provides a safer and more environmentally friendly alternative to injectable procedures.

What makes Peptid4® B-Like special:

- Superior efficacy
- The greenest choice
- Affordable innovation

## Liftalize

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:pia.vannahmen@oqema.com">pia.vannahmen@oqema.com</a>
<b>WEBSITE:</b>	<a href="http://oqema.com/citroleo">oqema.com/citroleo</a>

LIFTALIZE is a plant based active, sustainably sourced from Jambu, a flower native to northern Brazil. Known for its rich bioactives, especially spilanthol, LIFTALIZE penetrates deep into the skin, promoting cell renewal and skin regeneration.

Transform your skincare products with the power of nature:

- 100% natural origin, sustainably sourced, no water used in production
- COSMOS approved, vegan, cruelty-free
- In-vivo tests (based on 2%) show significant improvements in the structural integrity of the skin, hydration, and collagen synthesis

# CitroBio (represented by OQEMA Group)

## Plumping Up Face Mask

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Distilled water	Aqua	56.4	OQEMA
	1,3-BG (COSMETIC QUALITY)	Butylene Glycol	2	OQ Chemicals
B	Glycerin	Glycerin	6	OQEMA
	BENTONE HYDROCLAY™ 700	Hectorite, Xanthan Gum	3	Elementis
C	BENTONE GEL® GTCC V	Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbonate	7	Elementis
	BergaBest MCT Oil 70/30	Caprylic/Capric Triglyceride	7	Berg+Schmidt
	BergaCare GS 40	Glyceryl Stearate	5	Berg+Schmidt
	OxBalance® NPG di-heptanoat (CQ)	Neopentyl Glycol Diheptanoate	5	OQ Chemicals
	Methyl Glucose Sesquistearate	Methyl Glucose Sesquistearate	4	OQEMA
	NEOLONE™ PH 100 Preservative	Phenoxyethanol	0.8	LANXESS
	Epin' Derm	Bisabolol, Maurita Flexuosa Fruit Oil	0.5	Citróleo
D	Vitamin E Acetate	Tocopheryl Acetate	1	OQEMA
	Lifalize	Glycerine, Spilanthes Acmella Flower Extract, Alcohol	2	Citróleo
	Fragrance	Parfum	0.3	OQEMA

### Procedure

1. Mix Phase A, Phase B and Phase C separately
2. Add Phase B to Phase A under agitation
3. Heat Phase A/B and Phase C to 75°C
4. Add Phase C to Phase A/B during homogenisation
5. Cool down under agitation
6. Add phase D under 40°C
7. Adjust pH level if necessary

### Properties

pH = 5.0 - 5.5  
Viscous cream  
Slightly yellowish color

## AQStem ATACAMA

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@cobiosa.com">info@cobiosa.com</a>
<b>WEBSITE:</b>	<a href="http://www.cobiosa.com">www.cobiosa.com</a>

AQStem ATACAMA is a biotechnological active ingredient derived from the stem cells of the ephemeral *Cistanthe grandiflora*, a plant that thrives in the Atacama Desert, one of the driest places on Earth. Its action relies on activating aquaporins and regulating water homeostasis in the skin, enhancing its natural hydration.

- Ephemeral plant, nearly impossible to access without stem cell technology
- Intelligent hydration mechanisms that optimize water transport at the cellular level
- Making your skin bloom again by promoting its natural hydration

## PANTODIUM

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Marine extracts
<b>EMAIL:</b>	<a href="mailto:communication@codif-tn.com">communication@codif-tn.com</a>
<b>WEBSITE:</b>	<a href="http://www.codif-tn.com">www.codif-tn.com</a>

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Pantodium enables your skin to produce its own Vit B5 with a synergic effect more powerful than D-Panthenol. This fermented seaweed extract is organic certified and shows significant benefits on skin hydration, reactivity, spots, acne scars and healing process.

This ingredient has been tested by an inclusive panel and versus placebo.

# CODIF TN

## THE SEACA CREAM

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	PHYTOSQUALANE (1)	Squalane	10	Sophim
	CETIOL C5C (2)	Coco-caprylate/caprate & Tocopherol	2	A.M.I
	LANETTE O (2)	Cetearyl alcohol	2	A.M.I
	STEARINE EDENOR (2)	Stearic acid & Palmitic acid	2	A.M.I
	ANTIOXYGENE WL 3036 (3)	Caprylic/capric triglyceride & Propyl gallate & Citric acid & Tocopherol	0.05	Gattefosse
	FLORAESTERS 30 (4)	Jojoba esters & Tocopherol	2.5	Univar
B	WAKAPAMP	Caprylic/capric triglyceride & Undaria pinnatifida extract	0.1	Codif TN
C	DEMINERALIZED WATER	Aqua	71.38	
D	CARBOPOL ULTREZ 10 (6)	Carbomer	0.75	Unipex
E	GLYCERINE BIDISTILLEE CODEX (2)	Glycerin	2	A.M.I
	MICROCARE CPH (7)	Chlorphenesin	0.27	Thor
F	SOLUTION DE SOUDE SOUDE 6.2N QUALITE ECOCERT (8)	Aqua & Sodium hydroxide	2.3	VWR International
G	SENSICARE FP3 ECO (9)	Pentylene glycol & Hydroxyacetophenone & Glyceryl laurate	1.5	Grolman
H	PANTODIUM CICA PENT (5)	Maris aqua & Pentylene glycol & Codium tomentosum extract	1	Codif TN
	ACTIBIOME GPA (5)	Glycerin & Aqua & Maris aqua & Phenethyl alcohol & Laminaria digitata extract & Chlorella vulgaris extract & Saccharide isomerate	2	Codif TN
	FRAGRANCE	Parfum	0.15	

### Procedure

1. When cold, add ingredient D to the surface of C and leave it to hydrate without stirring for 10 minutes. Then heat the mixture to 80°C under 1500rpm foam.
2. At this temperature, stir for 10 minutes under the same conditions and check the homogeneity of the phase.
3. Then add the ingredients of E under 500rpm stirrer for 5 minutes.
4. Heat phase A to 80°C and add B just before emulsifying.
5. Emulsion: Emulsify phase AB in phase CDE under a 2500rpm emulsifier for 5 minutes.
6. Then add F under a 2500rpm emulsifier (or defloculator) for 30 minutes in order to carry out the saponification reaction.

7. Finally, add G under a 2500rpm emulsifier (or defloculator) for 5 minutes.
8. Cool to 40° with gentle agitation (paddles) and add the ingredients of H one by one.
9. Maintain stirring for 15 minutes until completely homogenised.

### Properties

Semi-thick white cream.

pH = 7.2

## Phormiskin Exosome

<b>PRODUCT TYPE:</b>	Active, Facial care, Protection
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:communication@codif-tn.com">communication@codif-tn.com</a>
<b>WEBSITE:</b>	<a href="http://www.codif-tn.com">www.codif-tn.com</a>

Phormiskin Exosome is a revolutionary active ingredient from Phormidium persicinum, a marine cyanobacterium, representing a world innovation in cosmetics: the first marine exosomes active ingredient developed for cosmetics, with 1 billion exosomes per mL. Exosomes, biological vesicles, can transport molecules and communicate with skin cells. The skin then produces THIOREDOXIN, a powerful antioxidant protein already found in Phormidium persicinum. This innovation prolongs the efficacy of SPF, reverses skin senescence and reactivates cell division.

Global cosmetics innovation:

- The first marine exosomes for cosmetics
- Exceptional concentration: 1 billion exosomes per mL
- The super-antioxidant power of Thioredoxin for global benefits

## Nutrihyl

<b>PRODUCT TYPE:</b>	Active, Facial care, Hand / foot / nail care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:sales@contipro.com">sales@contipro.com</a>
<b>WEBSITE:</b>	<a href="http://www.contipro.com">www.contipro.com</a>

- nourishes skin from inside
- microbiome support
- gut-skin connection

Introducing our revolutionary nutritional hyaluronic acid, designed to enhance your skin's hydration and overall appearance from within. Thanks to its unique properties, it not only boosts skin moisture but also supports the proper function of your joints and cartilage. Experience the transformation and feel the difference with every dose!

# Core Biogenesis

EU128

peauforia™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Microspheres, delivery systems
<b>EMAIL:</b>	tony.abboud@corebiogenesis.com
<b>WEBSITE:</b>	www.peauforia.com

Growth factors like FGF-2 are revered as the holy grail of anti-aging — but instability and poor skin penetration have held them back. Until now.

Meet peauforia™, the first biomimetic FGF-2 sustainably produced in whole plants and fused with Oleosomes, a natural plant carrier. This breakthrough makes it 7X more stable than standard FGF-2 and delivers deep into the dermis for unmatched efficacy.

Clinically proven to reduce hyperpigmentation by 14% and TEWL by 17% in just 14 days, peauforia™ redefines what's possible in skincare.

Where plant biotechnology meets the medicalization of beauty.

## NeoC101

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	Marketing.Support@corum.com.tw
<b>WEBSITE:</b>	www.corum.com.tw

NeoC101™ is a unique Vitamin C derivative offering exceptional skin benefits, comparable to Vitamin C itself, in a more stable and sustainable form. This cutting-edge, 100% naturally derived active ingredient is crafted using green chemistry to reduce energy consumption and waste.

NeoC101™ delivers powerful antioxidant, skin-brightening, and collagen-boosting effects. It protects the skin from oxidative stress in both the inner biological system and outer environmental photo damage, helping delay aging while promoting clearer, brighter, and smoother skin with a refined texture and radiant glow from within.

1. Skin Rejuvenating/ Antioxidation
2. Anti-Photoaging
3. Collagen Boosting

## Cosphaderm® Panthenol natural

<b>PRODUCT TYPE:</b>	Active, Body care, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Humectants, Conditioning agents
<b>EMAIL:</b>	wynona.stender@cosphatec.com
<b>WEBSITE:</b>	cosphatec.com

Cosphaderm® Panthenol natural is the natural, COSMOS-approved version of the well-established active ingredient D-Panthenol. Renowned for its versatile benefits, Panthenol supports the skin's natural barrier by promoting skin hydration. Its calming and anti-inflammatory properties make it an excellent choice for addressing irritation, while its wound-care capabilities aid in skin recovery and repair. Its ability to strengthen skin, hair and nails make it an indispensable addition to a wide range of formulations.

Key facts:

- COSMOS-approved, sustainably sourced, natural D-Panthenol
- Active for moisturisation, improves skin barrier, supports wound care
- Versatile use in skin, hair and nail care

## Sphingo'HAIR™ Drypure™

<b>PRODUCT TYPE:</b>	Active, Conditioning, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	beauty@croda.com
<b>WEBSITE:</b>	<a href="http://www.crodabeauty.com/en-gb">www.crodabeauty.com/en-gb</a>

Ensuring strong, healthy barriers is the foundation to scalp wellness and hair protection. Sphingo'HAIR™ Drypure™ is a unique bio-fermentation derived ceramide NP which replenishes the skin with essential longer chains ceramide and promotes healthy scalp and hair barrier structures.

Pre-clinical and clinical evaluation conducted with Sphingo'HAIR™ Drypure™ demonstrated significant impact on:

- Regulation of pro-inflammatory cytokines, heat-activated channels and atopic skin markers
- Scalp reinforcement with increased hydration, reduction of irritation and flaking
- Optimal hair moisture, cuticle smoothing, increased hair shine and softness

This skin biomimetic ingredient is 100% natural origin content (ISO16128 standard), COSMOS approved, IECIC compliant.

# Croda Beauty Actives

1E10

## Zenakine™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	beauty@croda.com
<b>WEBSITE:</b>	www.crodapersonalcare.com

Developed from extensive studies on skin-brain communication, Zenakine™ is the first cosmetic active ingredient proven to enhance overall wellbeing through innovative, comprehensive protocols, leveraging skin chronobiology in its action. This environmentally friendly, biotechnology-based product offers a holistic neurocosmetic approach dedicated to foster wellbeing & longevity, alleviating emotional stress to improve sleep quality and prevent premature ageing.

- Induces synthesis of feel-good messengers into the skin
- Promotes skin-brain communication
- Improves sleep quality and mood
- Enhances skin's resistance to physical and emotional stress
- Reduces signs of skin fatigue

100 % natural-origin content, readily biodegradable, COSMOS and RSPO approved

## Phytessence™ Green Coffee EC

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:crodarom.contact@croda.com">crodarom.contact@croda.com</a>
<b>WEBSITE:</b>	<a href="http://www.crodabeauty.com/en-gb">www.crodabeauty.com/en-gb</a>

Global fatigue is a growing public problem, influenced by modern lifestyles, chronic stress and overstimulation, with visible effects on the skin. Inspired by the much-loved moment of morning coffee, Croda Beauty has launched Phytessence™ Green Coffee EC, the anti-fatigue ritual, for a positive awakening of the skin and mind.

- Produced from responsibly farmed organic Robusta green coffee beans, with innovative Eco-sound technology.
- Tones the skin by improving elasticity and reducing signs of fatigue.
- Activates the release of  $\beta$ -endorphins and encourages positive emotions, for optimal inner harmony and well-being.

## PhykoDis ReAct

**PRODUCT TYPE:** Active, Facial care, Body care

**CATEGORIES:** Marine extracts

**EMAIL:** [m.erra@disproquima.com](mailto:m.erra@disproquima.com)

**WEBSITE:** [www.disproquima.com](http://www.disproquima.com)

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Arthrospira Platensis is a blue-green microalga, valued for its high content of Phycocyanin, a natural blue pigment and protein complex known for its antioxidant and anti-inflammatory properties. Reduces itching and redness, promotes skin hydration and elasticity, and protects against environmental stressors like UV radiation. It is used as a natural colorant and bioactive to enhance skin protection and combat oxidative stress.

# Disproquima

## BLUE COMFORT CREAM

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Cetearyl Alcohol 30-70	Cetearyl Alcohol	7	
	Stearic Acid	Stearic Acid	1	
	Dapracare® GMS-42	Glyceryl Stearate	2.5	
	Myrj™ S100	PEG-100 Stearate	1	
	White Mineral Oil	Paraffinum Liquidum	6	
	MCT Triglycerides	Caprylic/Capric Triglyceride	4	
	BRB DM 100	Dimethicone	2	
	Amphisol® K	Potassium Cetyl Phosphate	1	
B	Water dem.	Aqua (Water)	Up to 100	
	Sodium Gluconate	Sodium Gluconate	0.2	
	CremerGLYC	Glycerin	5	
	Propylene Glycol	Propylene Glycol	5	
C	Sodium Hydroxide (32% sol.)	Sodium Hydroxide, Aqua	q.s.	
D	dl-a-Tocopherol	Tocopherol	0.5	
	PHYKODIS React	Arthospira Plantensis Extract, Butyrospermum Parkii Butter, Lecithin, Helianthus Annus Seed Oil, Soy Acid, Tocopherol	1	
	Trehalose	Trehalose	1	
	PENTAVITIN®	Saccharin Isomerate	1	
	EctoDIS	Ectoin	1	
	Euxyl™ PE 9010	Phenoxyetanol, Ethylhexylglycerin	0.5	
	Flawless Skin	Parfum (Fragrance)	0.25	

### Procedure

1. Weigh and heat to 70-75°C the ingredients of phase A and B separately.
2. Add phase A to B and homogenize.
3. Cool down under stir and if necessary, adjust pH value to 5,25 – 5,50 with phase C.
4. Add phase D one by one.

### Properties

Appearance: blue cream.  
Viscosity (Brookfield/RV6/50rpm): 145000 cPs.  
pH: 5,25 – 5,50.

## FytoDis Vegan Botox

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	m.erra@disproquima.com
<b>WEBSITE:</b>	disproquima.com/

Acmella oleracea, a plant rich in spilanthol, is renowned for its exceptional anti-aging properties. This natural ingredient stimulates collagen production, smooths fine lines, and enhances skin elasticity. With its muscle-relaxing effects, spilanthol promotes firmer, more youthful-looking skin. Often called “Vegan Botox,” it effectively targets signs of aging while restoring radiance for a rejuvenated complexion.

- Natural Botox-like effect: Smooths expression lines without invasive procedures.
- Collagen-boosting power: Enhances skin firmness and elasticity.
- 100% plant-based & vegan: A clean beauty alternative for effective anti-aging care.

# Disproquima

## GREEN LIFT CREAM

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Crodamol™ PC	Propylene Glycol Dicaprylate/Dicaprate	3	
	MONTANOV™ 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	1.8	
	Tween™ 60	Polysorbate 60	0.4	
	BRB CM 56-S	Cyclopentasiloxane, Cyclohexasiloxane	3	
B	Water dem.	Aqua (Water)	Up to 100	
	Sodium Gluconate	Sodium Gluconate	0.05	
	CremerGLYC	Glycerin	1	
	Niacinamide PC	Niacinamide	3	
	Omyaskin® 100-OG	Hydroxyapatite, Calcium Carbonate	2	
C	PropaneDIS	Propanediol	2	
	Sepinov™ EMT 10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	1	
	Sodium Hyaluronate (small molecular size)	Sodium Hyaluronate	0.1	
D	Sodium Hydroxide (32% sol.)	Sodium Hydroxide	q.s.	
E	PENTAVITIN®	Saccharide Isomerate	1	
	FYTODIS VEGAN BOTOX	Acmella Olearcea Extract	2	
	D-Panthenol 75L	Panthenol	1	
	Sharomix™ EG 10	Phenoxyethanol, Ethylhexylglycerin	0.5	
	Parfum	Parfum (Fragrance)	0.2	

### Procedure

1. Weigh and heat phase A and B up to 80-85°C
2. Pre-mix phase C and add to phase B
3. Add phase A to BC and homogenize
4. Keep stirring and cool down to temperature <40°C
5. If necessary, adjust pH to 5,50 – 6,00 with phase D
6. Add phase E one by one

### Properties

Appearance: crem gel

pH: 5,25 – 5,50.

## Deoluxe™ SC

<b>PRODUCT TYPE:</b>	Active, Antiperspirant, deodorant
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@elementis.com">info@elementis.com</a>
<b>WEBSITE:</b>	<a href="http://www.elementis.com/markets-and-products/personal-care/personal-care/">www.elementis.com/markets-and-products/personal-care/personal-care/</a>

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DEOLUXE™ SC is a novel, patent pending antiperspirant and deodorant active that addresses a key challenge in non-metal based high-performance sweat control.

- Non-metal based antiperspirant
- Compatible with anhydrous and aqueous systems
- Ability to provide superior sweat reduction

## MICNO® PIGMENT SERIES

<b>PRODUCT TYPE:</b>	Active, Facial products, Lip products
<b>CATEGORIES:</b>	Active ingredient, Colourants, dyes, pigments, UV filters, SPF boosters,
<b>EMAIL:</b>	<a href="mailto:sales@enteknomaterials.com">sales@enteknomaterials.com</a>
<b>WEBSITE:</b>	<a href="http://www.enteknomaterials.com">www.enteknomaterials.com</a>

MicNo® pigments are multifunctional actives that provide broad-spectrum photo protection (UVB-UVA-Blue Light-IRA), sebum control and moisture barrier effect in elegant colors of the unique MicNo platelet form.

- Multifunctional effect due to synergistic and precise combination of colorants and MicNo®-ZnO
- Superior broad spectrum photo protection, Vibrant & Customizable Colors and Longevity.
- Micron-sized Platelet Shape for unrivaled surface coverage & barrier effect, ideal for lip care.

## Activated Silk™ 8A-α

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:raquel.mirabent@evolvedbynature.com">raquel.mirabent@evolvedbynature.com</a>
<b>WEBSITE:</b>	<a href="https://bioactives.evolvedbynature.com/#8a">bioactives.evolvedbynature.com/#8a</a>

Activated Silk™ 8A-α is a bioactive peptide for more natural hyperpigmentation reduction and visibly brighter skin without the risk of whitening. It supports increased late-stage cell differentiation, a natural process that moves old and damaged cells up and out through the cornified layer, making way for new healthy cells—exfoliation from the inside out.

- Fosters bioactive regulation—support of your skin’s natural production of valuable and foundational proteins—the most naturally effective approach to skincare.
- Natural, biotech-developed peptide supports 14 of 17 United Nations Sustainable Development Goals, a Circular Economy, and are up-cycled and cruelty-free.
- Gentle, safe for sensitive skin.

## Vecollage® Fortify GP

<b>PRODUCT TYPE:</b>	Active, Facial care, Facial products
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	personal-care@evonik.com
<b>WEBSITE:</b>	evonik.click/personalcare_

Vecollage® Fortify GP is a self-preserved form of a skin-identical and vegan collagen polypeptide produced through precision fermentation.

- Features a unique dual anti-aging mechanism by protecting the extracellular matrix from degradation and boosting collagen production
- Powerful anti-aging performance at minimal use level and a complement for skincare routines during specific aesthetic procedures
- Harnesses the power of exosome-mediated microRNA communication between keratinocytes and fibroblasts, strengthening the dermal-epidermal junction (DEJ) by an epigenetic mechanism.

## EXO ELIXIR LIQUORICE

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:infoRD@exolabitalia.com">infoRD@exolabitalia.com</a>
<b>WEBSITE:</b>	<a href="http://www.exolabitalia.net">www.exolabitalia.net</a>

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Our plant-derived exosomes from Italian organic Liquorice represent the next frontier in dermocosmetic formulations. These naturally sourced nanocarriers enhance the delivery and bioavailability of active ingredients, ensuring deeper penetration and targeted skin regeneration.

Rich in bioactive compounds, they promote elasticity, hydration, and tissue repair, making them ideal for anti-aging, soothing, and post-aesthetic treatments. Their ability to increase elastin production and support wound healing sets them apart from conventional actives.

Sourced from high-quality organic Liquorice, they offer a sustainable, plant-based solution for clean beauty. This breakthrough ingredient combines biotechnology and nature, redefining the future of skincare.

## Skrin™ HOA

<b>PRODUCT TYPE:</b>	Active, Facial care, Protection
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	francois@sytheonltd.com
<b>WEBSITE:</b>	<a href="http://www.sofiacosmetiques.fr/">www.sofiacosmetiques.fr/</a>

Imagine a sunscreen of exceptional performance, designed to push the boundaries of UV protection. Thanks to submicron encapsulation technology, we have enhanced the efficiency of UV filters, delivering superior optical performance with a lighter formulation. This breakthrough ensures maximum protection while reducing filter concentration.

- Enhanced UV Protection: Submicron encapsulation technology boosts filter efficiency for lighter, stronger protection.
- Soft Focus Effect: Smooths skin, blurs imperfections for a flawless complexion.
- Eco-Friendly & Gentle: Photostable, reduces allergy risks, and respects the environment.

# Exoshield

## SkRin HOA - UV Protect Velvet Haze Cream - 6662\_1L.20

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	HYDROLAT MELISSE HYDA0008	MELISSA OFFICINALIS FLOWER/LEAF/STEM WATER & AQUA / WATER & BENZYL ALCOHOL & DEHYDROACETIC ACID	QSP 100%	GOLGEMMA
	ORAMIX CG 110	CAPRYLYL/CAPRYL GLUCOSIDE & AQUA / WATER	0.1	SEPPIC
	PENTYLENE GLYCOL	PENTYLENE GLYCOL	3	VERFILCO SA
B	AMPHISOL K (IES01)	POTASSIUM CETYL PHOSPHATE	1.5	I.E.S
	EMULGADE VERDE 10 MS	POLYGLYCERYL-10 STEARATE	2	AMI CHIMIE
	MYRITOL 318	CAPRYLIC/CAPRIC TRIGLYCERIDE	13	STEARINERIE DUBOIS FILS
	SOLAPURE GLO	VEGETABLE OIL & SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL & BISABOLOL & CURCUMA LONGA (TURMERIC) ROOT EXTRACT & TOCOPHEROL	5	HALLSTAR FRANCE
	HUILE DE JOJOBA VIERGE (OLV01)	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	1	CAUVIN INDUSTRIE
	WETFILM	TRIMETHYLPENTANEDIOL/ADIPIC ACID/GLYCERIN CROSSPOLYMER	2	INOLEX
C	CETIOL ULTIMATE (R01)	UNDECANE & TRIDECANE & TOCOPHEROL	2	AMI CHIMIE
	GOMME XANTHANE FNCSP-PC	XANTHAN GUM	0.8	AMI CHIMIE
	SkRin HOA	AQUA / WATER & HOMOSALATE & POLYUREA CROSSPOLYMER-9 & BUTYL METHOXYDIBENZOYLMETHANE & TOCOPHERYL ACETATE & GUANIDINE CARBONATE & POLYSORBATE 20 & SORBITAN LAURATE	36.5	EXOSHIELD
D	ACIDE CITRIQUE 40% Biodégradable	AQUA / WATER & CITRIC ACID	0.5	
	ASTACOS OL 50	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL & HAEMATOCOCCUS PLUVIALIS EXTRACT & TOCOPHEROL & HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	0.02	RAHN AG
	MONOI DE TAHITI BRUT	COCOS NUCIFERA (COCONUT) OIL & GARDENIA TAITENSIS FLOWER & TOCOPHEROL	0.5	PACIFIQUE SUD COSMETIQUE
	EUXYL PE 9010 -ne plus utiliser dans nvx DEV	PHENOXYETHANOL & ETHYLHEXYLGLYCERIN	1	THOR
	BIOXAN SF T50	TOCOPHEROL	0.5	COMERCIAL QUIMICA MASSO

### Procedure

1. Weigh and mix phase A
2. Weigh and mix phase B heat to 70°C, then emulsify by pouring B into A while stirring at 800 rpm
3. Cool Down under agitation
4. Once at room temperature, add C
5. Add the SKRIN at 400 rpm, then increase to 1200 rpm once dispersed
6. At 600 rpm, add D.

### Properties

pH: 6,3  
 Viscosity: 5990 (helipath spindle 4/ vitesse 20 / température 22°C Brookfield)  
 Appearance : Orange-pink lotion  
 Stability : 1% lumisizer (2h - 45°C)

## ALISTISILANE

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:mmollet@exsymol.com">mmollet@exsymol.com</a>
<b>WEBSITE:</b>	<a href="http://www.exsymol.com/en">www.exsymol.com/en</a>

ALISTISILANE offers a cutting-edge solution for longevity by focusing on skin re-vascularization. Recognizing that microcirculation plays a pivotal role in aging by affecting cell activity and skin support, ALISTISILANE restores an optimal capillaries network.

- **VASCULARIZATION AS A KEY PILLAR:** Restores endothelial cells proliferation, promotes their reorganization and ensures the anchoring of re-formed blood vessels into the ECM.
- **TRI-FORCE APPROACH:** protects fibers and blood vessels from glycation, boosts collagen production and organization, restores optimal vascularization
- **UNIQUE SYNERGETIC TECHNOLOGY:** Powered by peptide technology and bioavailable silicium (pending Patent)
- **VISIBLE RESULTS:** reduces jowl ptosis and wrinkles while enhancing elasticity and radiance.

NOI: 99.1%

## Noxifense™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants
<b>EMAIL:</b>	<a href="mailto:cblondet@gattefosse.com">cblondet@gattefosse.com</a>
<b>WEBSITE:</b>	<a href="http://www.gattefosse.com">www.gattefosse.com</a>

Noxifense™ ensures a holistic approach to skin sensitivity care, by strengthening the skin's defense mechanisms against the exposome. It draws on the emergent theory of "oxi-inflammation," the harmful interplay between oxidative stress and inflammation. It has been proven to protect epidermal lipids from exposome-induced damage and disrupt the oxi-inflammatory cycle.

Tested on Asian skin in urban environment, Noxifense™ effectively soothes even the most sensitive and reactive skins.

- Breaks the oxi-inflammation loop
- Protects epidermal lipids from exposome assaults
- Powered by antioxidant and anti-inflammatory polyphenols captured from upcycled leaves of sea buckthorn

## Camellia Stem-Exo & PureGreen PDRN

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	<a href="mailto:overseas@gfcos.co.kr">overseas@gfcos.co.kr</a>
<b>WEBSITE:</b>	<a href="http://www.gfcos.co.kr/eng">www.gfcos.co.kr/eng</a>

The biomarker function of exosomes, which were previously defined only as nano-sized, and the definition and validation of miRNAs in exosomes, which can be used for efficacy verification, have advanced the research on exosomes, one of the next-generation ingredients in the cosmetics market.

In addition, the development of plant-derived PDRNs from animal-derived PDRNs has contributed to the diversification of the PDRN category.

## SOLARIS ACTI-FERMENT

<b>PRODUCT TYPE:</b>	Active, Protection, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Antioxidants, Marine extracts
<b>EMAIL:</b>	<a href="mailto:dpinto@giulianipharma.com">dpinto@giulianipharma.com</a>
<b>WEBSITE:</b>	<a href="http://www.giulianipharma.com">www.giulianipharma.com</a>

SOLARIS ACTI-FERMENT is an innovative ingredient from fermented Olive oil mill wastewater and *Chlorella vulgaris* microalgae. Our research explored specialized starter cultures, microbial dynamics, and metabolic transformations that generate unique functional profiles.

Rich in polyphenols, it offers remarkable properties for skin and hair health, demonstrating significant efficacy in protecting against UV damage and acting as a potent antioxidant against free radicals. Its versatility allows for incorporation into various products, including creams, lotions, and gels.

These findings, based on a comprehensive study, highlight the ingredient's potential and applications in the personal care industries, showcasing the value of upcycling waste products.

## GoldCosmetica Gold 990

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	goldcosmetica@eytzinger.com
<b>WEBSITE:</b>	www.gold-cosmetica.com

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GoldCosmetica Gold 990 is special because:

- it consists of 99 percent pure gold
- it contains no silver
- it has reduced van der Waals forces
- convinces with low clumping

## RECELLCL'IN®

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:groupeberkem@berkem.com">groupeberkem@berkem.com</a>
<b>WEBSITE:</b>	<a href="http://health-beauty.groupeberkem.com">health-beauty.groupeberkem.com</a>

RECELLCL'IN® contains the essence of *Passiflora incarnata* to rebalance oily skin.

The active ingredient revives the autophagy system in sebum-overproducing sebocytes, helping the regulation of hyperseborrhea. Research shows sebum production is influenced by androgens activity and most surprisingly autophagy impairment.

RECELLCL'IN® also prevents sebum oxidation and reduces inflammatory stress, contributing to break the vicious circle transitioning to acne-prone skin.

- Explores the recently discovered role of autophagy in regulating oily skin
- Key beauty benefits: reduces skin shininess, regulates sebum production, and minimizes pore size
- Local Premium organic sourcing of *Passiflora incarnata* from France

# Givaudan Active Beauty

1B120

## DandErase™

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:global.cosmetic@givaudan.com">global.cosmetic@givaudan.com</a>
<b>WEBSITE:</b>	<a href="http://www.givaudan.com/fragrance-beauty/active-beauty">www.givaudan.com/fragrance-beauty/active-beauty</a>

DandErase™ is a revolutionary anti-dandruff ingredient derived from the exquisite saffron flowers (*Crocus sativus* L.). This innovative active selectively combats *Malassezia* overgrowth while rebalancing scalp microbiome, promoting holistic scalp health. Clinical trials reveal DandErase™ reduces dandruff by up to 95% in just three days, outperforming leading anti-dandruff shampoos. With 82% of consumers rating, it superior to their current solutions, DandErase™ is more than an ingredient; it's a transformative solution for healthier scalp and improved mood.

- Reduces dandruff by up to 95%, active on 100% of volunteers
- Multifunctional: gentle on the microbiome, boosting resilience
- Enhances positive emotions like happiness and relaxation

# Givaudan Active Beauty

## S3D® Terralogy

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Water (Aqua)	QSP 100	VWR
	Solagum AX	Acacia Senegal Gum, Xanthan Gum	1	Seppic
	Avicel PC 611	Microcrystalline Cellulose, Cellulose Gum	2	Givaudan Active Beauty
B	LANETTE O OR	Cetearyl Alcohol	1	AMI Ingredients
	TEGO Care PBS 6 MB	Polyglyceryl-6 Stearate, Polyglyceryl-6 Behenate	3	Evonic
	Amisoft HS11PF	Sodium Stearoyl Glutamate	0,6	Ajinomoto
	Neossance™ Hemisqualane	C13-15 Alkane	2	Givaudan Active Beauty
C	Miglyol 812 N	Caprylic/Capric Triglyceride	0,5	Oleon
	Tinogard Q	Water (Aqua), Alcohol, Tris(Tetramethylhydroxypiperidinol) Citrate	0,1	BASF
D	Nipaguard SCE	Sorbitan Caprylate, Propanediol, Benzoic Acid	1	Clariant
	E-leen 8	Caprylyl Glycol, Glycerin, Water (Aqua)	7	Minasolve
E	DandErase™	Water (Aqua), Betaine, Potassium Lactate, Lactic Acid, Crocus Sativus Flower Extract	3	Givaudan Active Beauty
	Mangixyl™	Propanediol, Water (Aqua), Mangifera Indica (Mango) Leaf Extract	1	Givaudan Active Beauty
F	Parfum	Fragrance (Parfum), Limonene	0,1	Givaudan

## Procedure

1. Add Avicel PC 611 tAdd Avicel PC 611 to the water and mix for 30 min at 5000 rpmo the water and mix for 30 min at 5000 rpm
2. Weigh the gelling agent and place under a propeller at room temperature, Then heat to 75°C
3. Weigh B and heat to 75°C
4. Add B in A under polytron at 3000 rpm
5. Add at 60°C degree C under polytron at 3000 rpm
6. Cool under blade and add D, E at 35°C at 2000rpm
7. Cool under blade and add F at 35°C at 2000rpm

## Properties

Viscosity: 11 000 mPa.s

pH: 4,39

Appearance: Ambre Gel Emulsion

# Givaudan Active Beauty

1B120

## Evernityl™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:global.cosmetic@givaudan.com">global.cosmetic@givaudan.com</a>
<b>WEBSITE:</b>	<a href="http://www.givaudan.com/fragrance-beauty/active-beauty">www.givaudan.com/fragrance-beauty/active-beauty</a>

Evernityl™ targets Porphyr'ageing™, a newly discovered skin ageing pathway, addressing the critical impact of porphyrins. These oxidative and inflammatory metabolites, produced by the skin microbiota, diminish the synthesis of essential ECM components, leading to wrinkles, while increasing melanin production, favouring dark spots.

Sourced from Laminaria hyperborea, it inhibits porphyrins production reducing melanogenesis and boosting collagen synthesis. Evernityl™ acts both in prevention and correction, addressing visible ageing signs, while preventing their future outbreak by tackling their root causes.

- Clean and responsible sourcing (upcycled from the agro-industry)
- Inhibition of porphyrins production while being microbiome-friendly
- Preventive and corrective action on wrinkles and hyperpigmentation

# Givaudan Active Beauty

## S3D® InfiniSea

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Aqua / Water	qsp 100%	VWR
	Sepilife G305	Acrylamide/Sodium Acryloyldimethyltaurate Copolymer, Water (Aqua), C15-19 Alkane, Polyglyceryl-10 Laurate, Sorbitan Oleate, Polyglycerin-10	2	Seppic
	Vegetal glycerin rapeseed	Glycerin	0.5	Oleon
B	Amisoft hs 11 PF	Sodium Stearoyl Glutamate	0.75	Ajinomoto
	Montanov 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	3	Seppic
	Montanov 14	Myristyl Alcohol, Myristyl Glucoside	2	Seppic
	Neossance™ Hemisqualane	C13-15 Alkane	1	Givaudan Active Beauty
	Neossance™ Squalane	Squalane	4	Givaudan Active Beauty
C	Lipocire a sg	C10-18 Triglycerides	0.25	Gattefossé
	Tinogar Q	Water (Aqua), Alcohol, Tris(Tetramethylhydroxypiperidimol) Citrate	0.1	BASF
	Nipagard sce	Sorbitan Caprylate, Propanediol, Benzoic Acid	1.33	Clariant
D	E-leen 8	Caprylyl Glycol, Glycerin, Water (Aqua)	0.5	Minasolve
	Gravity™	Water (Aqua), Propanediol, Gigartina Stellata Extract	1	Givaudan Active Beauty
	Hydrintense™	Propanediol, Sea Water, Porphyridium Cruentum Extract	1	Givaudan Active Beauty
	Mariliance™	Water (Aqua), Propanediol, Rhodorus Marinus Extract	3	Givaudan Active Beauty
E	Parfum	Fragrance (Parfum), Linalool	0.2	Givaudan Active Beauty
	Evernity™	Laminaria hyperborea extract (and) Citric acid (and) Potassium sorbate	0.03	Givaudan Active Beauty
F	Water	Water (Aqua)	4.97	VWR
	Soude	Water (Aqua), Sodium Hydroxide	0.087	Brenntag SE

### Procedure

1. Weigh phase A and mix for 30 min at 3000 rpm so that the gel develops, Then heat to 80°C
2. Weigh phase B and heat to 80°C
3. Add the fatty phase to the aqueous phase: be careful, order different from usual under polytron at 3000rpm for a few minutes
4. At 60°C, add C under polytron at 2000rpm
5. Cool with gentle stirring under a blade

6. Add D at 25°C
7. Make the Evernityl premix and mix under polytron for 2min at 2500rpm and add immediately to the cream
8. Adjust the pH towards 5 with F

### Properties

Viscosity: 19840 mPa.s  
 pH: 5.03  
 Appearance: emulsion beige

# Givaudan Active Beauty

1B120

## PrimalHyal™ UltraReverse

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:global.cosmetic@givaudan.com">global.cosmetic@givaudan.com</a>
<b>WEBSITE:</b>	<a href="http://www.givaudan.com/fragrance-beauty/active-beauty">www.givaudan.com/fragrance-beauty/active-beauty</a>

PrimalHyal™ UltraReverse is the smallest and most sustainable HA ever made, thanks to precision fermentation, and circular local economy.

Thanks to its molecular weight (3 kDa), it penetrates into skin cells, acting at the DNA level, reversing 4 of the 5 primary hallmarks of ageing (DNA repair, telomeres protection, epigenetics control, proteins recycling).

It offers better skin health & longevity, and brings well-ageing benefits (anti-wrinkle, pro-collagen).

- Extra low molecular weight hyaluronic acid (iconic ingredient), the most sustainable (Life Cycle Analysis)
- Intracellular mode of action, targeting primary hallmarks of ageing
- Clinical benefits: wrinkles, skin texture, collagen. Particular focus on "sleep wrinkles"

# Givaudan Active Beauty

## S3D® Reverso

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	AQUA/WATER	QSP 100	VWR
	Silk-iCare™	1,2-Hexanediol, Caprylyl glycol, water, Silk	2	Givaudan Active Beauty
B	Propanediol	PROPANEDIOL	5	Sigma
	Glycerin	Glycerin	2	Oleon
	Solagum AX	Acacia Senegal Gum (and) Xanthan Gum	0.2	Seppic
C	Montanov 82	Cetearyl Alcohol, Coco-Glucoside	2	Seppic
	Sensanov WR	C20-22 Alkyl Phosphate (and) C20-22 Alcohols	1	Seppic
	Neossance™ Squalane	Squalane	10	Givaudan Active Beauty
	Neossance™ Hemisqualane	C13-15 Alkane	5	Givaudan Active Beauty
	Apricot oil	Apricot Kernel oil Virgin	5	Givaudan Active Beauty
	Softisan 378	CAPRYLIC/CAPRIC/MYRISTIC/STEARIC TRIGLYCERIDE	5	IOI Oleochemical
	Dynasan 118 microfine	Tristéarine	0.5	IOI Oleochemical
D	Simulgel 600	Acrylamide/Sodium Acryloyldimethyltaurate Copolymer - Isohexadecane - Polysorbate 80	2	Seppic
E	A-Leen 5	Pentylene glycol	3	Minasolv
F	PrimalHyal™ UltraReverse	HYDROLYZED SODIUM HYALURONATE	0.5	Givaudan Active Beauty
	PrimalHyal™ Ultrafilter	SODIUM ACETYLATED HYALURONATE	0.2	Givaudan Active Beauty
	Water	AQUA/WATER	3	VWR
	Sodium benzoate	Sodium Benzoate	0.3	Brenntag SE
G	Parfum	Parfum	0.15	Givaudan

### Procedure

1. Add A at 20°C, churn max for 30 minutes
2. Prepare mixture B to hydrate the gum.
3. Add B in A
4. Heat to 80°C AB and C
5. Add C in AB heat 80°C
6. Make emulsion
7. Addition D and E at 60°C

8. Prepare F and add at 40°C

9. Add Perfume

### Properties

Viscosity: 100 000 mPa.s

pH: 5

Appearance: White Emulsion

## UBI Oléoactif®

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	nathalie.lefebvre@hallstar.com
<b>WEBSITE:</b>	www.hallstarbeauty.com

While beauty inclusivity is widely discussed, many consumers still have difficulty finding products that suit their skin type. UBI Oléoactif® is an active ingredient designed to rejuvenate skin from within thanks to a new biological mechanism that acts on ubiquitin, a small protein found in all human cells. It has proven effects at molecular, cellular, tissue and clinical levels. Developed from a birchwood co-product, its low environmental impact is aligned with Hallstar's sustainability commitment.

- Only active ingredient on the market that targets ubiquitin
- Developed in collaboration with leading ubiquitomics experts
- Clinical benefits confirmed on a multi-ethnic panel

# Hallstar Beauty

## The Daily Gentleman Gel-Cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Water (Aqua)	up to 100	
		Trisodium Ethylenediamine Disuccinate (37% active)	0.3	
		Betaine	0.2	
B	Olivem® 1000	Cetearyl Oliviate, Sorbitan Oliviate	5.00%	Hallstar
C	Sensolene® Light ET	Ethyl Oliviate, Olea Europaea (Olive) Leaf Extract	1.00%	Hallstar
		Coco-Caprylate	1.00%	
	UBI Oléoactif®	Brassica Campestris Seed Oil (and) Betula Pendula Wood Extract (and) Polyglyceryl-3 diisostearate	1.00%	Hallstar
D	Biochemica® Vitamin E Natural	Tocopherol	0.20%	Hallstar
	Silica, Titanium Dioxide, Iron Oxides		0.10%	
	Alcohol		0.15%	
	Preservative		41.50%	
			100.00%	

### Procedure

1. In the main vessel prepare phase A, heat it up to 80-85°C. In a secondary vessel prepare phase C and heat it up to 75-80°C.
2. Add phase B into phase A under magnetic stirring, maintaining the temperature at 80 - 85°C.
3. Stir for few minutes (until the flakes are melted) and then homogenize for 1 minute at 3000 rpm using a suitable dispersion unit (Silverson).
4. Add phase C homogenizing with a suitable dispersion unit (Silverson) at 3000 rpm for 3 minutes
5. Cool down to room temperature under gentle anchor stirring (50 – 100 rpm).
6. Add phase D and homogenize with a suitable dispersion unit (Silverson) at 3000 rpm.

### Properties

Appearance (25°C): White gel cream  
Viscosity (20 rpm, Brk, RVDV-E, Sp. 4, after 24h at room temperature, mPa·s): 13000 – 17000

## Indermalab® ArMorpheus

<b>PRODUCT TYPE:</b>	Active, Body care, Perfumes & Fragrances
<b>CATEGORIES:</b>	Active ingredient, Essential oils, Fragrance ingredients, masking agents
<b>EMAIL:</b>	sabrinashen@tfmintl.com.tw
<b>WEBSITE:</b>	imdermalab.com.tw

Indermalab® ArMorpheus is a scientifically proven natural ingredient blend designed to enhance sleep quality and relaxation. Utilizing Molecular Grade Purification Technology, it removes impurities while preserving key botanical benefits. Formulated with Galbanum, Copaiba, Longoza, Key Lime, and Hop extracts, it helps regulate emotions, reduce stress, and promote restful sleep by increasing alpha brain waves.

What makes it special?

- Clinically validated to improve sleep efficiency and relaxation.
- Molecular purification ensures safety and potency.
- Proven to enhance alpha brain waves for deeper relaxation.

## Indermalab® Flora Tone-COS

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	sabrinashen@tfmintl.com.tw
<b>WEBSITE:</b>	imdermalab.com.tw

Indermalab® Flora Tone-COS is a botanical extract from Spilanthus Acmella, developed with MOLECUPURE technology for anti-aging, skin-brightening, and soothing effects. Rich in Spilanthol, it delivers a Botox-like effect, reducing wrinkles and improving skin elasticity.

What makes it special?

- Clinically proven: Reduces crow's feet by 6.1% in 28 days.
- Instant soothing: Lowers irritation by 11.9% within 60 minutes.
- Safe & gentle: Non-irritating, suitable for sensitive skin.

## Inawave® BiotecHemp

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:sales.france@inabata.com">sales.france@inabata.com</a>
<b>WEBSITE:</b>	<a href="http://inabata.fr">inabata.fr</a>

Cannabisin-rich microwave-assisted eco-extract from bioreactor-cultivated hemp stimulating key biological pathways associated with longevity, including maintenance of proteostasis, stimulation of autophagy, protection against senescence, and serotonin production, a key neurotransmitter involved in mood regulation.

- Combination of high tech (plant biotechnology, microwave assisted extraction) and low tech (91 times less water and -40% energy consumption vs conventional).
- First cosmetic ingredient enriched in cannabisins, a metabolite found in cannabis hairy roots, displaying protective and regenerative properties.
- Targeting key biomarkers involved in well-ageing and well-being: Sirtuin-1, Lamp2a, Il-1 and Il-6 and serotonin levels compared to the reference natural active resveratrol.

## Hybrid exosomes

<b>PRODUCT TYPE:</b>	Active, Facial care, After sun
<b>CATEGORIES:</b>	Active ingredient, Plant extracts,
<b>EMAIL:</b>	cwpark@incospharm.com sekyoo.jeong@incospharm.com
<b>WEBSITE:</b>	<a href="http://www.incospharm.com">www.incospharm.com</a>

Plant-derived exosome-like nanoparticles (PDENs) represent an innovative approach in cosmetic science, bridging natural ingredients with nanotechnology. Based on the proprietary EPOTF exosome isolation technology, Incospharm introduces next-generation exosome-based ingredients: membrane fusion-based hybrid exosomes (MFHE), or Hybrid Exosomes. The structural integration of exosomes from diverse sources enhances their biological activity with higher skin penetration.

- Next-gen exosome
- Sustainable, natural ingredients
- Hybrid exosome

# Incospharm Corp.

## EPOTF Hybrid Exosome Skin Brightening Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	DI-Water	Water	71.54	
	Allantoin	Allantoin	0.10	
	DL-Panthenol	Panthenol	0.10	
	Clewat N2	Disodium EDTA	0.05	
	GENENCARE OSMS BA	Betaine	0.50	
	Glycerin	Glycerin	3.00	
	1,3-Butylene Glycol	Butylen Glycol	3.00	
	M-Hydro EG	Glycereth-26	1.00	
	Adenosine	Adenosine	0.04	
	Niacinamide	Niacinamide	2.00	
B	DI-Water	Water	1.00	
	Ketrol F	Xanthan Gum	0.01	
C	DI-Water	Water	10.78	
	Carbopol 940	Carborner	0.22	
D	DI-Water	Water	1.50	
	TRIS AMINO ULTRA PC	Tromethamine	0.16	
E	ICP Hybrid Exosome Brightening	Water	1.00	
		Citrus Limon (Lemon) Fruit Juice Vesicles		
		Mangifera Indica Fruit Juice Vesicles		
F	PRESERVATIVE	Preservative	2.00	
G	P/F	Fragrance	-	
H	J-Guard GH815	Propanediol	1.00	
		Caprylyl Glycol		
		Ethylhexylglycerin		
I	ICP_M-7 Complex	Water	1.00	
		Sodium Hyaluronate		
		Hydroxypropyltrimonium Hyaluronate		
		Sodium Acetylated Hyaluronate		
		Hydrolyzed Hyaluronic Acid		
		Hyaluronic Acid		
		Sodium Hyaluronate Crosspolymer		
Potassium Hyaluronate				
		1,2-Hexanediol		

### Properties

Appearance: liquid

Color: transparent

Odor: none

pH: 5.5 ~ 6.5

Solubility: N.A.

Specific gravity: about 1.0

## EXO DDS Bakuchiol

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	info@indermal.com
<b>WEBSITE:</b>	indermal.com/

Bakuchiol encapsulated in avocado exosomes, the exosomes act as a delivery system, enhancing bakuchiol's penetration into the skin. The avocado exosomes' regenerative properties, rich in proteins and lipids, promote cell communication and skin repair. This combination allows bakuchiol to work more effectively, soothing, reducing fine lines, and improving skin texture, while benefiting from the exosome's targeted delivery. This synergy ensures deeper nourishment, improved absorption, and better overall skin rejuvenation.

- +1 million exosomes concentration
- -149% collagen breakdown
- -177% skin inflammation

# INdermal by Nanovex Biotechnologies

## EXO DDS Bakuchiol

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	DESMINERALISED WATER		57.25	
	DERMOSOFT OMP	Methylpropanediol, Caprylic glicol, Phenylpropanol	3	EVONIK
B	XANTHAN GUM		0.15	McKinley Resources
	GLICERINA		2	ErcaWilmar
C	TEGO CARE 450	Polyglyceryl-3 methylglucose distearate	3.5	EVONIK
	TEGIN M	Glyceryl stearate	5	EVONIK
	LANETTE O OR	Cetearyl alcohol	4.5	BASF
	MYRITOL 318	Caprylic/Capric Triglyceride	8	BASF
	CETIOL CC	Dicaprylyl carbonate	6	BASF
	CETIOL SENSOFT	Propylheptyl caprylate	5	BASF
	BIOXAN T70C	Tocopherol	0.5	BTSA
D	VEGAN EXO DDS BAKU-CHIOL	AQUA, POLYGLYCERYL-10 LAURATE, GLYCERIN, PROPANEDIOL, PHOSPHATIDYLCHOLINE, METHYLPROPANEDIOL, BAKUCHIOL, COCO-BETAINE, PERSEA GRATISSIMA FRUIT EXTRACT, BUTYL AVOICADATE, MALTODEXTRIN, SODIUM COCOYL ISETHIONATE, CAPRYLYL GLYCOL, BETASITOSTEROL, CITRIC ACID, PHENYLPROPANOL, COCOS NUCIFERA OIL, SODIUM ISETHIONATE, TOCOPHEROL	5	INDERMAL
E	ALOE VERA PARFUM		0.1	

### Procedure

1. Prepare phase 1
2. Pre-mix phase 2. Add phase 2 to phase 1 and homogenize with a turbine
3. Heat phase 1+2 up to 75-80°C
4. Heat phase 3 up to 75-80°C
5. Add phase 3 to phase 1+2 and emulsify with turbine
6. Leave to cool. Below 40°C add phase 4 and phase 5. Homogenize

### Properties

LIQUID  
 LIGHT BROWN  
 100-250nm

## Horilla™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts
<b>EMAIL:</b>	zhouxuechunzi@ingredi.cn
<b>WEBSITE:</b>	www.ingredi.cn

Based on transcriptomics data, Horilla™ is intricately linked to immunity, endocrine function, lipid metabolism, signal transduction, and cellular growth and death.

Horilla™ specifically modulates the TNF and IL-17 signaling pathways and regulates lipolysis in adipocytes.

Clinical trials proven, Horilla™ delivers a remarkable 21.41% oil control effect within 4 hours, with sustained efficacy reaching 21.49% over 8 hours.

# Ingredi Biotech Co.,Ltd.

## Horilla™

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Acrylates/c10-30 alkyl acrylate crosspolymer	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.2	Lubrizol
	Aloe barbadensis leaf water	ALOE BARBADENSIS LEAF WATER	84.8	Ingredi Biotech Co., Ltd
	EDTA-2Na	DISODIUM EDTA	0.05	CDLUNION
B	Triethanolamine	TRIETHANOLAMINE	0.1	Dow Inc.
	Aloe barbadensis leaf water	ALOE BARBADENSIS LEAF WATER	1.5	Ingredi Biotech Co., Ltd
C	Estogel M	Castor oil/IPDl copolymer	0.5	DKSH
	Fermented walnut oil	JUGLANS REGIA (WALNUT) SEED OIL, CANDIDA BOMBICOLA/GLUCOSE/METHYL RAPESEEDATE FERMENT	5.2	Ingredi Biotech Co., Ltd
	Lotusia™	NELUMBO NUCIFERA GERM EXTRACT	0.25	Ingredi Biotech Co., Ltd
D	1,2-Hexanediol	1,2-HEXANEDIOL	1	Guangdong Kebisai Chemical Co., Ltd
	Hydroxyacetophenone	HYDROXYACETOPHENONE	0.5	THOR
E	Nucife™	NELUMBO NUCIFERA GERM EXTRACT	0.1	Ingredi Biotech Co., Ltd
	Aloe barbadensis leaf water	ALOE BARBADENSIS LEAF WATER	2	Ingredi Biotech Co., Ltd
	Horilla™	PICRORHIZA SCROPHULARIFLORA ROOT EXTRACT	0.2	Ingredi Biotech Co., Ltd
	1, 3-Propanediol	PROPANEDIOL	2	Shanghai Huing Trade Co., Ltd
F	Triethanolamine	TRIETHANOLAMINE	0.1	Dow Inc.
	Aloe barbadensis leaf water	ALOE BARBADENSIS LEAF WATER	1.5	Guangdong Kebisai Chemical Co., Ltd

## Procedure

1. Stir to dissolve phase A at 70-80 °c
2. Add phase B and stir to even
3. Dissolve phase C at 110-120 °c, cool down to 70-80 °c and keep warm at this temperature
4. At 70-80 °c , slowly mix A&B mixture into dissolved phase C at 200-300 rpm/min, stir to mix well
5. Cool down to room temperature, add phase D, E and F, stir to dissolve evenly

## InnovaBioTech Resurrection

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Plant extracts
<b>EMAIL:</b>	nedeва@innovabm.com
<b>WEBSITE:</b>	innovabm.com

InnovaBioTech Resurrection is an active ingredient from in vitro culture of the resurrection plant *Haberlea rhodopensis* – the Orpheus flower. Rich in exosomes, polysaccharides, peptides and phenolics, it revives the skin and restores its vitality.

- The powerful cell-revitalizing and anti-age properties of *Haberlea*, enhanced by a breakthrough patented biotech, deliver skin that defies time.
- In vitro studies demonstrate enhanced mitochondrial function, increased cellular proliferation and upregulated gene expression of key genes.
- In vivo studies show visible boost in skin elasticity, brightness, hydration and smoothness. Pigmentation spots and wrinkles are noticeably reduced, resulting in a radiant, rejuvenated complexion.

## InAlgae® LIT

<b>PRODUCT TYPE:</b>	Active, Facial care, After sun
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Marine extracts, UV filters, SPF boosters, Preservatives, preservative boosters
<b>EMAIL:</b>	<a href="mailto:sales@inclitaseaweedsolutions.com">sales@inclitaseaweedsolutions.com</a>
<b>WEBSITE:</b>	<a href="http://www.inclitaseaweedsolutions.com">www.inclitaseaweedsolutions.com</a>

InAlgae® LIT promotes skin tone uniformity by controlling hyperpigmentation while also providing calming effects helping to reduce the visible signs of inflammation, such as redness. Sourced from the seaweed *Ascophyllum nodosum*, this natural ingredient is an excellent choice for anti-aging and anti-dark spots products.

- In 56 days, 70% of participants had a reduction of up to 33% in the melanin index of hyperpigmented areas, and 45% had a reduction in the redness areas.
- Enzymatic in vitro assays proves that InAlgae® LIT is 3-times more efficient when compared to the benchmarks, Ascorbic Acid and Aloe vera extract.

## Erythcalm SC

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	export@jakabiotech.com
<b>WEBSITE:</b>	www.jakabiotech.com/

Erythcalm SC is an oil-soluble ingredient with redness-reducing properties. It is extracted from the traditional Chinese herbal medicine *Saururus chinensis* and is COSMOS APPROVED.

Erythcalm SC innovatively targets and regulates EDNRA and ADRB2 receptors. JAKA comprehensively constructs overexpressed cell lines to highly replicate the cellular response process after skin irritation.

In terms of production, BiphaGDE and MIPuriTec technologies are utilized to efficiently enrich the active ingredients in *Saururus chinensis* in a single step. Clinical tests show facial redness caused by various conditions can be addressed instantly, and long-term use shows even more repair effects.

# JAKA Biotech Co., Ltd.

## Show-Beauty Essence

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Lanol 99	ISONONYL ISONONA-NOATE	To 100.00	SEPPIC
	SQUALANE	SQUALANE	6.00	EPF
	EVOIL MACADAMIA OIL	MACADAMIA TERNIFOLIA SEED OIL	10.00	Textron
	DW JOJOBA COLORLESS	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	6.00	VANTAGE
	Erythcalm SC	CAPRYLIC/CAPRIC TRIGLYCERIDE, SAURURUS CHINENSIS EXTRACT	2.00	JAKA
	AAM29055/00	FRAGRANCE	0.20	Givaudan

### Procedure

1. Mix phase A well.

### Properties

Properties: pH=5~6

## Jarocare R25

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:enquiries@jrjsi.com">enquiries@jrjsi.com</a>
<b>WEBSITE:</b>	<a href="http://www.jrjsi.com">www.jrjsi.com</a>

Jarocare R25 is a precision bond repair ingredient delivering superior performance through advanced biotechnology. This extract from red lentil protein, combines key amino acids to target and repair broken bonds.

Unlike conventional harsh hydrolysis methods, our unique and gentle enzymatic process preserves functional groups crucial for bond repair. This ensures optimal penetration into hair structure, delivering measurable results with up to 25% improvement in strength. This breakthrough offers a leading-edge ingredient in the bond repair segment.

- Validated penetration through fluorescent tagging
- Up to 25% superior strength versus consumer gold standard
- Readily biodegradable product and sustainable manufacturing process

## ARHC® VII Powder

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@jinbo-biomed.com">info@jinbo-biomed.com</a>
<b>WEBSITE:</b>	<a href="http://en.sxjbswyy.com">en.sxjbswyy.com</a>

After a large-scale functional region screening of human collagen type VII by Collagen Intelligence Library (COL.-GPT), Jinbo Bio-Pharma obtained the highly active functional region of type VII collagen and developed ARHC® VII Powder through efficacy amplification.

Jinbo Type VII Collagen has been awarded the latest Chinese invention patent in 2024 and included in PDB. The product is not only type A recombinant VII humanized collagen, 100% human homologous and safe, but also transdermal, with high activity and efficacy in anti-aging, firming, and repairing.

## Blenbiogen™ 315

<b>PRODUCT TYPE:</b>	Active, Facial care, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:chenzhuang@jlandbiotech.com">chenzhuang@jlandbiotech.com</a>
<b>WEBSITE:</b>	<a href="http://www.jland-biotech.com">www.jland-biotech.com</a>

Blenbiogen™ 315 is an innovative skincare ingredient that combines Type III, Type I, and Type V collagen, the three most vital collagen types in the dermis. Its precise formulation and synergistic action effectively replenish these collagens, reducing fine lines and wrinkles, enhancing skin firmness, and slowing aging.

Ideal for anti-aging products, Blenbiogen™ 315 helps restore skin elasticity, smoothness, and youthful radiance.

## Cacay Oil

<b>PRODUCT TYPE:</b>	Active, Facial care, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Oils, butters, Antioxidants
<b>EMAIL:</b>	kahaioil@kahai.co
<b>WEBSITE:</b>	www.kahai.co

Cacay Oil is a powerful cell regenerator. It exceeds the best properties of Argan and Rosehip Oil, with an outstanding absorption that leaves no oily or sticky feel. Clinical studies run in Germany prove its antiaging efficacy, where 95% of patients reduced wrinkles up to 45%, after only 4 weeks of use. It is suitable for all skin types, safe for daytime use and has a mild nutty scent that fades fast.

Cacay Oil outperformed Agran Oil in hair efficacy tests performed in Brazil. Formulated at 5% in a hair serum, Cacay Oil provided 49% thermal protection, 64% hair gloss increase, 60% split ends reduction, and 90% less frizz in a high humidity environment. Cacay Oil is China approved and compliant with Natrue, COSMOS, and Eccocert.

## Kaligen

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:kalichem@kalichem.it">kalichem@kalichem.it</a>
<b>WEBSITE:</b>	<a href="http://www.kalichem.it/">www.kalichem.it/</a>

Green nucleobases and polynucleotides, derived from clean biofermentation, offer advanced biostructuring and skin rejuvenation benefits. The innovative production process is designed to create a carefully selected pattern of biomacromolecules, ensuring high physio-compatibility and targeted effectiveness across multiple skin layers.

This ingredient composition is highly reproducible and consists of pure, dermatologically active substances with unique and exceptional regenerative properties, which promote skin smoothing and rejuvenation. Its advanced formulation ensures effective, long-lasting results, making it an ideal choice for cutting-edge cosmetic treatments focused on restoring and enhancing skin health and appearance.

# Kalichem

## Renascence Elixir with KALIGEN

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Aqua	64.2	
	KEMIDERM NMF VEGETALE	Urea, glucose, fructose, hydrolyzed wheat protein, sodium glutamate, glycine, lysine, malic acid, tartaric acid, citric acid, glycolic acid, lactic acid, sodium pca, hydrogenated starch hydrolysate, aqua, potassium sorbate, sodium benzoate, sodium hydroxide, potassium hydroxide	5.0	Kalichem
B	Propanediol	Propanediol	3.0	
	Hydroxyacetophenone	Hydroxyacetophenone	0.6	
C	Parfum	Parfum	0.3	
	Olea europaea fruit oil	Olea europaea fruit oil	5.0	
	Coco caprylate	Coco caprylate	4.2	
	Tocopheryl acetate	Tocopheryl acetate	0.5	
D	OLIVOIL GLUTAMATE SP	Sodium Olivoyl Glutamate, Disodium Cocoyl Glutamate, Aqua, Sodium Chloride	0.5	Kalichem
	Xanthan gum 80mesh	Xanthan gum	0.6	
	Sclerotium gum	Sclerotium gum	0.6	
E	KALIGEN	Hydrolyzed Sodium Dna, Cichorium Intybus Root Oligosaccharides, Yeast Extract	0.5	Kalichem
	Water	Aqua	15.0	

### Procedure

1. Weigh the ingredients of phase A and mix them until clear.
2. Weigh the ingredients of phase B and mix them until clear. If needed heat to 40°C to improve solubilization, then allow to cool.
3. Add phase B to phase A and mix until clear.
4. Weigh the ingredients of phase C and mix until homogeneous.
5. Weigh the ingredients of phase D and gradually disperse them into phase C under stirring, until a homogeneous dispersion is achieved.
6. Combine phase C+D to phase A+B while stirring until a homogeneous emulsion-gel is formed, ensuring the emulsion does not heat up.
7. Weigh the ingredients of phase E and mix them until clear.
8. Add phase E to the emulsion and mix until homogeneous.

### Properties

Appearance: Homogeneous cream-gel, glossy

Color: From white to off-white

pH: 6.3

Viscosity: 4400 cPs (s6, 30rpm)

## DavosLife E3 DVL 95 (Tocotrienols)

<b>PRODUCT TYPE:</b>	Active, Facial care, Protection
<b>CATEGORIES:</b>	Active ingredient, Vitamins, minerals
<b>EMAIL:</b>	<a href="mailto:jimmy.yow@klkoleo.com">jimmy.yow@klkoleo.com</a>
<b>WEBSITE:</b>	<a href="http://www.klkoleo.com/davoslife/">www.klkoleo.com/davoslife/</a>

DavosLife E3 DVL95 is a highly pure liquid form of Tocotrienols, with 95% vitamin E concentration. It is a bioactive that can be easily incorporated into the oil phase of skincare formulations.

- Powerful antioxidant, anti-inflammatory agent and gene modulator.
- Clinically proven efficacy to protect skin from UV irradiation.
- Scientifically proven to protect skin from blue light and pollution by reducing oxidative stress, lowering inflammation, restoring skin barrier function, protecting cells from mitochondria-mediated apoptosis, and reducing hyperpigmentation.

# KLK OLEO

## DavosLife Ageless FACT Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	DavosLife E3 DVL 95	Tocotrienols		Davos Life Science
	DavosLife E3 DVL 95	Tocopherol		Davos Life Science
	DavosLife E3 DVL 95	Elaeis guineensis (Palm) oil		Davos Life Science
	Lexsolv	Neopentyl Glycol Diheptanoate		Inolex
	Lexsolv	Propylene Glycol Dibenzoate		Inolex
B	Water	Water		N/A
	Propylene glycol	Propylene Glycol		SKC
	Glycerin	Glycerin		WWRC
	SpecWhite SAP	Sodium Ascorbyl Phosphate		SC Group
	Ferulic Acid 200	Dipropylene Glycol		BioGenic
	Ferulic Acid 200	Hydroxypropyl Cyclodextrin		BioGenic
	Ferulic Acid 200	Polydextrose		BioGenic
	Ferulic Acid 200	1,2-Hexanediol		BioGenic
	Ferulic Acid 200	Ferulic Acid		BioGenic
	D-Panthenol	Panthenol		DSM
	Pentavitin	Saccharide Isomerate		DSM
	HA	Sodium Hyaluronate		Bioland
	PE9010	Phenoxyethanol		Schulke
PE9010	Ethylhexylglycerin		Schulke	

### Procedure

1. In Phase A, premix oil phase.
2. Into Phase B, mix in one by one, stir well after each addition.
3. Add Phase A into Phase B under stirring, mix continuously until turn clear solution.

# LABIO (represented by OQEMA Group)

5E60

## BlockACNE

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:pia.vannahmen@oqema.com">pia.vannahmen@oqema.com</a>
<b>WEBSITE:</b>	<a href="http://oqema.com/labio">oqema.com/labio</a>

BlockACNE is a powerful, science-backed active designed to support acne-prone skin at every stage. Formulated with patented probiotics and upcycled apple peel extract, it strengthens the skin's natural defenses and promotes regeneration. BlockACNE helps maintain a clearer, smoother, and healthier complexion – naturally and effectively:

- Strong growth-inhibiting effect against *C. acnes* bacteria, the expression of TNF- $\alpha$  and LI-8, the major causes of acne and inflammation
- Inhibition of the activity of MMP-1, maintaining the elasticity and structure of the skin and alleviating skin damage
- Promotion of procollagen synthesis, helping to regenerate and recover the skin

# LABIO (represented by OQEMA Group)

## Acne Relief Purifying Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Distilled Water	Aqua	80.7	OQEMA
	NEOLONE™ PH 100 Preservative	Phenoxyethanol	1	LANXESS
	KGL80 Green Tea Extract	Glycerin, Camellia Sinensis (Green Tea) Leaf Extract	1.1	L.E.V. Extracts
	BlockAcne	Lactobacillus Ferment, Bacillus Ferment, Pentylene Glycol, Water, Glycerin, Pyrus Malus (Apple) Fruit Extract	3	LABIO
B	BergaMuls ET 2	Cellulose, Cyamopsis Tetragonoloba (Guar) Gum, Beta-Glucan	0.1	Berg+Schmidt
	Ziboxan® TRH	Xanthan Gum	0.3	Deosen
	Glycerin	Glycerin	5.5	OQEMA
C	Stratocare	Bacillus Ferment, 2,3-Butanediol, Glycerin, 1,2-Hexandiol, Lecithin	2.2	LABIO
	AdvensProtect 5 Green	Pentylene Glycol	2.2	Seqens
	BergaCare FG M12	Coco Caprylate/Caprate, Dodecane, Citrullus Lanatus (Watermelon) Seed Oil	3.9	Berg+Schmidt

### Procedure

1. Mix Phase A uniformly.
2. Mix Phase B separately to form a slurry.
3. Add Phase B to Phase A under agitation.
4. Add Phase C to Phase A/B under agitation to obtain a uniform mixture.
5. Adjust pH level if necessary.

### Properties

pH= 5 - 5.5  
low viscous liquid  
Translucent serum

## METALLIC SILVER POWDER - G

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents
<b>EMAIL:</b>	<a href="mailto:p-roda@laboratorios-argenol.com">p-roda@laboratorios-argenol.com</a>
<b>WEBSITE:</b>	<a href="http://www.argenol.us/">www.argenol.us/</a> <a href="http://www.laboratorios-argenol.com/">www.laboratorios-argenol.com/</a>

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Metallic Silver Powder - G is an active cosmetic ingredient, COSMOS approved and GMP-certified, containing more than 99% of metallic silver particles (Ag<sup>0</sup>).

Functions and Properties based on Efficacy Tests:

- MOISTURIZING (in vivo, 17%)
- REGENERATING AND HEALING POTENTIAL (in vitro, 90%)

# LABORATORIOS ARGENOL, S.L.

## METALLIC SILVER POWDER - G

INGREDIENT	INCI NAME	% W/W	SUPPLIER
WATER	WATER	U.t. 100	
BUTYROSPERMUM PARKII (SHEA) BUTTER	BUTYROSPERMUM PARKII BUTTER	15-20	
COCO-CAPRYLATE/CAPRATE	COCO-CAPRYLATE/CAPRATE	10-15	
PENTYLENE GLYCOL	PENTYLENE GLYCOL	5-10	
CETEARYL ETHYLHEXANOATE	CETEARYL ETHYLHEXANOATE	5-10	
CETYL ALCOHOL	CETYL ALCOHOL	2-5	
CETEARYL ALCOHOL, SQUALANE	CETEARYL ALCOHOL, SQUALANE	1-5	
GLYCERYL DIBEHENATE	GLYCERYL DIBEHENATE	1-5	
TRIBEHENIN	TRIBEHENIN	1-5	
OXIDIZED CORN OIL	OXIDIZED CORN OIL	1-5	
ALPHA-GLUCAN OLIGOSACHARIDE	ALPHA-GLUCAN OLIGOSACHARIDE	1-5	
HYDROLYZED LINSEED EXTRACT	HYDROLYZED LINSEED EXTRACT	1-5	
LAURETH-9	LAURETH-9	0,5-1	
TOCOPHEROL, TOCOPHERYL ACETATE	TOCOPHEROL, TOCOPHERYL ACETATE	0,5-1	
PHOSPHOLIPIDS	PHOSPHOLIPIDS	0,5-1	
SPHINGOLIPIDS	SPHINGOLIPIDS	0,5-1	
ASCORBYL PALMITATE	ASCORBYL PALMITATE	0,5-1	
GLYCERYL OLEATE	GLYCERYL OLEATE	0,5-1	
GLYCERYL STEARATE	GLYCERYL STEARATE	0,5-1	
LECITHIN	LECITHIN	0,5-1	
CETEARETH-20	CETEARETH-20	0,5-1	
POTASSIUM CETYL PHOSPHATE	POTASSIUM CETYL PHOSPHATE	0,1-0,5	
METALLIC SILVER POWDER - G	SILVER	0,03	ARGENOL
GLYCERYL BEHENATE	GLYCERYL BEHENATE	0,01-0,05	
TETRASODIUM GLUTAMATE DIACETATE	TETRASODIUM GLUTAMATE DIACETATE	0,01-0,05	
SODIUM HYDROXIDE	SODIUM HYDROXIDE	0,01-0,05	
ETHYLHEXYLGLYCERIN	ETHYLHEXYLGLYCERIN	0,01-0,05	
POTASSIUM SORBATE	POTASSIUM SORBATE	0,01-0,05	
CITRIC ACID, BENZYL ALCOHOL	CITRIC ACID, BENZYL ALCOHOL	0,01-0,05	

## SUNSHEL TDSZ

<b>PRODUCT TYPE:</b>	Active, Protection, Protection
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:sales@laeassy.com">sales@laeassy.com</a>
<b>WEBSITE:</b>	<a href="http://www.laeassy.com">www.laeassy.com</a>

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Sun-Shel TDSZ represents a breakthrough in UV filter technology to deliver exceptional performance and broad-spectrum protection.

This is innovative Combination of inorganic and organic filters. It creates a synergistic and enhanced UV protection effect.

## EcoCera SkinNatur

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Humectants
<b>EMAIL:</b>	woo@lcsbio.com
<b>WEBSITE:</b>	www.lcsbio.com

- The world's first and only ceramide composition: EcoCera SkinNatur is a ceramide NP complex with fatty acid lengths ranging from C16 to C30, that has skin-identical composition, unlike other ceramide products in the market that only contain C18.
- Enhanced Skin Barrier & Protection: EcoCera SkinNatur functions as a skin-identical ceramide with a variety of ceramide lengths strengthening the barrier thus providing long-term hydration.
- Eco-Friendly Production: Manufactured through a 100% eco-green process, EcoCera SkinNatur is produced without any solvent nor catalyst. It is manufactured with zero waste, an innovative natural process that differentiates LCS Biotech from its competitors.

## VIRIVEA® STELLIPUR VF

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredients, Plant extracts
<b>EMAIL:</b>	Melanie.paquet@lehvoss.fr
<b>WEBSITE:</b>	<a href="http://www.virivea.com">www.virivea.com</a>

Edelweiss, a timeless symbol of resilience and beauty, thrives in the harshest Alpine conditions. Now, its protective and restorative powers are captured in STELLIPUR VF, an active ingredient cultivated through innovative vertical farming for exceptional purity and sustainability.

Highly concentrated in Leontopodic acid and polyphenols, STELLIPUR VF helps energize skin, supporting a healthy, vibrant complexion.

- Peak Purity & Performance – A highly concentrated active, standardized at 1,000 ppm Leontopodic acid for optimal skin benefits.
- Eco-Advanced Cultivation – Sustainably grown without wild harvesting, ensuring CITES-free sourcing.
- Inspired by Nature, Perfected by Science – Designed to support skin elasticity, hydration, firmness, texture, and glow.

## Peeling Complex

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@lipoid-kosmetik.com">info@lipoid-kosmetik.com</a>
<b>WEBSITE:</b>	<a href="http://www.lipoid-kosmetik.com">www.lipoid-kosmetik.com</a>

Peeling Complex is an innovative ingredient that combines citric acid (AHA), gluconic acid (PHA), and amber acid (DCA) in a balanced, ready-to-use formula. This powerful blend offers balanced exfoliation effects that provide both immediate and prolonged results across all skin layers. Complementary in vivo studies have confirmed the exfoliation efficacy and consumer satisfaction in both leave-on and rinse-off formulations. It offers the following substantiated user benefits:

- Complementary & balanced exfoliation
- Improved skin texture & smoothness
- Enhanced skin radiance & clear complexion
- Youthful & healthy skin appearance

## MorinGuard®

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@lipoid-kosmetik.com">info@lipoid-kosmetik.com</a>
<b>WEBSITE:</b>	<a href="http://www.lipoid-kosmetik.com/">www.lipoid-kosmetik.com/</a>

MorinGuard® is a revolutionary cosmetic active from upcycled Rwandan moringa seed cake. It contains moringin, a potent bioactive that combats inflammation by inhibiting the NF- $\kappa$ B pathway and activating the antioxidative NRF2 pathway. This dual action reduces oxidative stress, minimizes inflammation and skin damage, and supports barrier repair, offering a comprehensive, scientifically backed solution for inflammation and skin regeneration:

- Soothing of inflammation & redness
- Reduction of skin damage
- Increased skin recovery & protection
- Ethical & upcycled raw material

# Lipoid Kosmetik AG

## Ultimate Recovery Body Lotion

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	SLM Eco®	Aqua (Water), Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane, Ceramide NP	20.00	Lipoid Kosmetik
B	Deionized Water	Aqua (Water)	Ad 100	
	Miracle fruit Herbasol® Plant Water	Synsepalum Dulcificum Fruit Water, Lactobacillus Ferment	5.00	Lipoid Kosmetik
	MorinGuard®	Glycerin, Water, Moringa Oleifera Seed Extract	2.00	Lipoid Kosmetik
	Glycerin 99.5%	Glycerin	3.00	
	Xanthan FNCSP-PC Xanthan Gum	Xanthan Gum	0.30	Jungbunzlauer
C	dermofeel® sensolv	Isoamyl Laurate	7.00	Evonik Nutrition & Care
	Moringa Seed Oil, organic, cold pressed	Moringa Oleifera Seed Oil	2.00	
	Macadamia Nut Oil virgin/ cold pressed	Macadamia Ternifolia Seed Oil	2.00	
	Carbopol® 980	Carbomer	0.20	Lubrizol
D	NaOH	Sodium Hydroxide	q.s.	
E	VETIROOT 10-0068-0	Parfum (Fragrance), Limonene, Citrus Aurantium Peel Oil, Tetramethyl Acetyloctahydronaphthalenes, Juniperus Virginiana Oil, Linalyl Acetate, Linalool, Citrus Limon (Lemon) Peel Oil, Pinene, Coumarin, Pogostemon Cablin Oil, Acetyl Cedrene	0.50	Escentina
F	Evicide® PEHG	Phenoxyethanol, Ethylhexylglycerin	1.00	evident ingredients

### Procedure

1. Charge the main vessel with SLM Eco®
2. Prepare phase B in a separate beaker. Add it in increments to phase A while homogenizing gently
3. Prepare phase C separately. Add it to phase AB and homogenize intensively
4. Temperatures might increase
5. Neutralize to a pH of 5,5 - 6.0
6. Add perfume and preservative and homogenize gently

### Properties

Appearance: white emulsion

pH: 5.5 - 6.0

Viscosity: 80'000 - 100'000 (Brookfield LV, Spindle TF, 5 rpm)

## Cellaigie™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	info@lipotrue.com
<b>WEBSITE:</b>	lipotrue.com

This AI-designed peptide biohacks the aging process through Autophagic Intelligence, targeting mTOR, the master cell switch, to trigger MetaTORphosis.

By guiding cells into a transformative resting state, it enhances cellular decluttering, regulates glycogen accumulation, and optimizes energy for long-term skin longevity.

Clinically tested to improve gloss, firmness, elasticity, and rejuvenation, it redefines smart skincare.

- AI-Designed Precision: Optimally designed for intelligent mTOR modulation
- Autophagic Intelligence: Enables efficient cell clearance, optimizing cell efficiency
- Longevity Activation: Strengthens skin resilience for a youthful, radiant appearance

## Epitensive™ EVO

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	info@lipotrue.com
<b>WEBSITE:</b>	lipotrue.com

Epitensive™ EVO is a biomimetic protein transiently expressed through Wild Plants as Biofactories technology, grown in vertical farming.

It reignites cell metabolism and turnover in both the epidermis and dermis, revitalizing the skin by restoring its glow, enhancing firmness and elasticity, and smoothing wrinkles for a rejuvenated appearance

- **Structural Protein Booster:** Enhances collagen, elastin, and other key proteins to maintain skin integrity.
- **Optimizes Skin Regeneration:** Promotes coordinated cell renewal and regeneration, improving glow, firmness, elasticity, and wrinkle smoothing.
- **mRNA Technology in Plants:** Uses biofactories through vertical farming for sustainable and efficient protein expression

## Lightmony™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants
<b>EMAIL:</b>	info@lipotrue.com
<b>WEBSITE:</b>	lipotrue.com

Lightmony™ aligns with the glass skin trend, combining pomegranate and lemon extracts to provide an antioxidant boost, enhancing a healthy and respectful glow. Lightmony™ reduces total melanin synthesis and balances the eumelanin/pheomelanin ratio, decreasing pro-oxidant pheomelanin.

Lightmony™ reduces oxidative stress and DNA damage, while helping to improve skin brightness with gentle exfoliation, reduce dark spots, even skin tone, and diminish roughness and wrinkles, offering fast and effective results. Experience glass skin with a holistic approach for a healthy and respectful glow.

## Lectroglaze™ biotech ingredient

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	PersonalCare-Europe@Lubrizonl.com
<b>WEBSITE:</b>	<a href="http://www.lubrizonl.com/beauty">www.lubrizonl.com/beauty</a>

Did you know your skin microbiome can activate a natural antioxidant force field? Your skin contains special bacteria, known as electrogenic bacteria that generate bioelectricity, which helps deactivate oxidative stress.

Lectroglaze™ biotech ingredient enhances electrogenic bacteria and powers up the skin's antioxidant force field, effectively repelling oxidative stress and shields against cellular senescence and collagen degradation. The result? Skin that looks poreless, smooth, hydrated, and glowing, achieving the "glass skin" appearance effortlessly.

- Novel antioxidant defense system based on the skin microbiota
- Induces electrogenic bacteria and natural skin electricity
- Poreless glass skin that glows with health

## GlowCytocin™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@lucasmeyercosmetics.com">info@lucasmeyercosmetics.com</a>
<b>WEBSITE:</b>	<a href="http://www.lucasmeyercosmetics.com/en/showroom">www.lucasmeyercosmetics.com/en/showroom</a>

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GlowCytocin™ is a Neurocosmetics solution derived from Dutch Hyacinth bulbs that activates oxytocin receptors in the skin, simulating the natural “love glow” effect.

This innovative ingredient creates a connection between emotional well-being and skin beauty by enhancing skin receptiveness to pleasant sensations. Clinical studies show it delivers both immediate and long-term benefits, including enhanced skin luminosity, reduced wrinkle appearance, improved elasticity, and increased skin comfort.

GlowCytocin™ effectively recreates the radiant appearance™ typically associated with being in love.

# Lucas Meyer Cosmetics by Clariant

1D30

## Melicica™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@lucasmeyercosmetics.com">info@lucasmeyercosmetics.com</a>
<b>WEBSITE:</b>	<a href="http://www.lucasmeyercosmetics.com/en/showroom">www.lucasmeyercosmetics.com/en/showroom</a>

Harnessing Australian Jelly Bush honey's natural power, Melicica™ offers a holistic approach to optimizing the skin's natural repair process. Suitable for all scar types and skin tones, it reduces the visibility of scars and erythema while improving skin texture, uniformity, and luminosity. Clinically validated effectiveness on new and old scars, including atrophic, hypertrophic, and keloid scars across skin phototypes II to VI. Quickly soothes discomfort and minimizes redness on delicate and sensitive baby skin.

Holistic solution that addresses both the physical and emotional aspects of scarring, boosting users' self-esteem and overall well-being, as confirmed through self-assessment.

## Exobella (i.e., LUXTHERA regenerative exosom complex)

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	hi@luxtherabiomedical.com
<b>WEBSITE:</b>	luxtherabiomedical.com

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Plant-derived exosomes from *Centella asiatica* not only carry the bioactive compounds found in traditional extracts of the plant, but they also harness the unique ability of exosomes to penetrate deeper into the skin while maintaining the stability of these active ingredients.

Unlike exosomes extracted from whole plants, our exosomes are derived from plant stem cells enriched with regenerative factors – delivering enhanced skin benefits. Produced in a controlled, cGMP-certified facility, our plant stem cell-derived exosomes eliminate the need for large-scale land cultivation. This eco-friendly process ensures uniform culture conditions that are not affected by climate or regional variation.

## VegSYRUP-1

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Antioxidants
<b>EMAIL:</b>	<a href="mailto:info@macrofarm srl.com">info@macrofarm srl.com</a>
<b>WEBSITE:</b>	<a href="http://www.macrofarm srl.com">www.macrofarm srl.com</a>

VegSYRUP-1 represents an innovation in the cosmetic industry due to its natural formulation based on plant-derived polysaccharides extracted from Dottato figs of Cosenza PDO. Utilizing an advanced High Temperature Short Time (HTST) boiling process, the extraction method preserves bioactive compounds, maximizing hydration and antioxidant efficacy while maintaining the structural integrity of heat-sensitive molecules.

Additionally, the product is obtained through upcycling fig by-products, reducing agricultural waste and reinforcing sustainability in skincare formulations.

## Silike 556

<b>PRODUCT TYPE:</b>	Active, Styling, Facial care
<b>CATEGORIES:</b>	Film formers, styling agents, Solubilizers, dispersing agents
<b>EMAIL:</b>	adachs@maian.com.br
<b>WEBSITE:</b>	maian.com.br

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Sustainable and 100% natural alternative, offering intense shine for hair care formulations. It can be used in various personal care products.

Benefits:

- Adds shine to hair
- Has a refractive index identical to synthetic alternatives
- Enhances the sensory experience of emulsions and aids in the diffusion of UV filters and pigments

## Purakan™

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Essential oils, Anti-microbial agents
<b>EMAIL:</b>	<a href="mailto:enquirykancor@mane.com">enquirykancor@mane.com</a>
<b>WEBSITE:</b>	<a href="http://manekancor.com/">manekancor.com/</a>

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Purakan™ is a revolutionary scalp purifying ingredient, combining the best of nature for exceptional scalp care. This patented formulation is a blend of botanical extracts, pomegranate peel, cornmint and ajowan, each chosen for their specific benefits. With over six years of research, Purakan™ was developed to provide a natural antidandruff solution in place of traditional ingredients like Zinc pyrithione and Piroctone olamine.

- IP Protected and COSMOS compliant natural antidandruff solution
- Made with an upcycled raw material, pomegranate peel, from leftovers of beverage industry
- Sustainability program for Mint, impacting 6000 farmer families, under FSA certified Gold and Silver

# Mane Kancor Ingredients Pvt Ltd

## Purakan™

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Aqua	51.85	
	Glycerin	Glycerin	1	Glory Chemicals
	Xanthan gum	Xanthan gum	0.5	Clia Naturals
B	EDTA tetrasodium Salt	Tetrasodium EDTA	0.05	Merck
	SLES	Sodium Lauryl Ether Sulphate	30	Gravity chemicals
	EGMS	ETHYLENE GLYCOL MONO STEARATE	2	Gravity chemicals
	CMEA	Coco Monoethanolamide	1.5	Gravity chemicals
C	Purakan	Mentha arvensis oil, Punica granatum, Carum copticum	2	Mane Kancor Ingredients Pvt. Ltd.
	Galsilk 7	Polyquaternium-7	5	Galaxy Surfactants
D	Coco diethanolamide	Coco diethanolamide	2	Gravity chemicals
	Coco betaine	Coco betaine	3	Gravity chemicals
E	Phenoxy ethanol	Phenoxy ethanol	0.7	Clia Naturals
	Sodium benzoate	Sodium benzoate	0.2	Merck
F	Perfume	Perfume	0.2	Mane

### Procedure

1. Mix Phase A and B ingredients, heat up to 80-85°C
2. Mix Phase B ingredients and heat up to 80-85°C
3. Add Phase A to Phase B under slow stirring
4. At below 40°C Add remaining phases C, D, E, F one by one under slow stirring and mix well.
5. Adjust the pH using Citric acid solution ( 50%)

### Properties

pH: 6-7

Appearance: Cream colour with pearl effect

Texture: Viscous Liquid

Stability: Pass 12 month @ RT,25°C &40°C

## Oceamides

**PRODUCT TYPE:** Active, Facial care, Body care

**CATEGORIES:** Active ingredient

**EMAIL:** [info@mcactives.com](mailto:info@mcactives.com)

**WEBSITE:** [mcactives.com](http://mcactives.com)

Marine ceramide, 100% natural based on the key molecules ceramide NP, phosphatidylcholine, triacylglycerides and diacylglycerides with focus on skin barrier.

This novel ceramide improves the skin barrier function by protecting, providing integrity, and regenerating epidermis. Those improvements provoke an enhancement in the biomechanical skin properties making the marine ceramide increase skin firmness, reduce wrinkles, and reduce skin fatigue.

The marine ceramide can be formulated in body and skin care creams, serums, facial mists easily. This ingredient can be formulated at low temperatures, being added in the aqueous phase of the production process, with a 100% natural origin content (ISO 16128).

## AmelioSense™

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@mibellebiochemistry.com">info@mibellebiochemistry.com</a>
<b>WEBSITE:</b>	<a href="http://mibellebiochemistry.com/">mibellebiochemistry.com/</a>

AmelioSense™ is an innovative active ingredient designed to alleviate skin redness and irritation. It combines shepherd's purse extract with a potent antioxidant complex, using a liposomal formulation to enhance skin penetration.

AmelioSense™ has been shown to reduce caspase-1 activity, a key enzyme in pyroptosis, a highly inflammatory form of programmed cell death. Clinical studies have demonstrated a significant reduction in visible redness and blood vessels, providing sustained relief and improvement in overall skin condition.

- Targets pyroptosis, a novel approach in fighting redness and inflammation
- Combines natural extracts with advanced liposomal technology
- Significantly reduces visible redness and blood vessels

# Mibelle Biochemistry

## Soothing Anti-Redness Serum for Delicate Skin with AmelioSense™

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Solvent	Aqua / Water	add 100%	
	Solubilizer	Butylene Glycol	8	
	Solubilizer	Pentylene Glycol	5	
	Phyteq™ raspberry I multi-functional	Raspberry Ketone	0.5	
	Humectant	Glycerin	3	
	AmelioSense™	Capsella Bursa-Pastoris Extract (and) Lecithin (and) Carnosine (and) Tocopherol (and) Silybum Marianum Fruit Extract (and) Maltodextrin (and) Aqua/Water	2	
	Xanthan Gum FNCSP-PC (Jungbunzlauer Suisse AG)	Xanthan Gum	0.8	
B	Humectant	Squalane	2	
	Rice germ Oil	Oryza sativa oil	2	
	Joboba Oil	Simmondsia chinensis seed oil	2	
	Sweet Almond oil	Prunus amygdalus dulcis oil	2	
	Antioxidant	Tocopherol	0.1	
C	Imwitor 375 (IOI Oleo)	Glyceryl Citrate/Lactate/Linoleate/Oleate	1.5	
	pH regulator	Citric acid (sol. 30%)		

### Procedure

1. Add all raw materials of phase A up to and including glycerin to a beaker and stir until everything is clear solved.
2. Add AmelioSense™ to phase A, stir until it is dissolved and then add xanthan gum.
3. Mix phase B until it is homogenous.
4. Add Phase B to phase A and homogenize the phases until it is an emulsion.
5. Adjust the pH if necessary.

## CollPerfect™ P6

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:info@mibellebiochemistry.com">info@mibellebiochemistry.com</a>
<b>WEBSITE:</b>	<a href="http://mibellebiochemistry.com/">mibellebiochemistry.com/</a>

CollPerfect™ P6 is an encapsulated bioactivating hexapeptide based on human skin type I collagen. It replicates the structure of damaged native collagen fragments in the skin triggering the skin's natural revival processes and promoting skin youthfulness. This strategic approach stimulates collagen synthesis and dermal remodeling, rejuvenating the skin and improving its overall quality. Clinical studies show CollPerfect™ P6 enhances skin elasticity, firmness, density, and tightening.

- Bio-optimized, non-animal hexapeptide based on human type I collagen
- Replicates the structure of damaged native collagen fragments in the skin
- Encapsulated peptide system for enhanced penetration and stability

# Mibelle Biochemistry

## Frosty Collagen-Boosting Gel with CollPerfect™ P6

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Solvent	Aqua / Water	add 100%	
	Solubilizer	Butylene Glycol	8	
	Solubilizer	Pentylene Glycol	5	
	Phyteq™ raspberry I multifunctional	Raspberry Ketone	0.5	
	CollPerfect™ P6	Collagen Amino Acids (and) Lecithin (and) Maltodextrin (and) Aqua/Water	2	
B	pH regulator	Sodium Hydroxide	qs	
	Aquakeep 10 SH-NFC (Kobo Products)	Sodium Acrylates Crosspolymer-2	1	
C	Humectant	Glycerin	3	
	Humectant	Panthenol	3	
D	True Indian Summer (Essencia AG)	Fragrance / Parfum	0.3	
	Cosmospheres WL1-M (Omya AG)	Mannitol, Microcrystalline Cellulose, Menthol, Propylene Glycol	1	

### Procedure

1. Add phase A to a beaker and stir until everything is clear solved. (It takes up to 60 minutes.)
2. Adjust pH to 6.0 – 7.0 and add phase B to phase A..
3. Add phase C and mix until it is a homogenous gel.
4. Add Phase D to the gel one by one and mix until it is homogeneously dispersed.

## PhytoCellTec™ Exosomes

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@mibellebiochemistry.com">info@mibellebiochemistry.com</a>
<b>WEBSITE:</b>	<a href="http://mibellebiochemistry.com/">mibellebiochemistry.com/</a>

PhytoCellTec™ Exosomes utilizes a sustainable stem cell technology to harness exosomes from goji seedling stem cells. This product not only delivers plant-derived exosomes to the skin but also enhances the skin's own exosome production from mesenchymal stem cells. This dual mechanism rejuvenates the skin, promoting a V-shaped face and breast lifting.

- Dual exosome action for the skin – external plant exosomes and boosted internal exosome production
- Advanced stem cell cosmetics with stem cells from a superfruit plant
- Sustainable biotechnology-based production

# Mibelle Biochemistry

## PhytoCellTec™ Exosomes Rejuvenating Sheet Mask

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	D.I. Water	Aqua	add 100%	
	Allantoin	Allantoin	0.1	
	EDTA-2Na	Disodium EDTA	0.1	
	GENENCARE™ OSMS BA	Betaine	1	
	Glytino K2 (65%)	Dipotassium Glycyrhizate	0.2	
B	1,3-Butylene Glycol	Butylene Glycol	4	
	SymSave® H (979940)	Hydroxyacetophenone	0.5	
	Keltrol CG-T	Xanthan Gum	0.1	
	Natrosol 250 HHR	Hydroxyethylcellulose	0.4	
	HA Sodium Hyaluronate(1.3M-1.5M)	Sodium Hyaluronate	0.05	
C	D.I. Water	Aqua	30	
D	D.I. Water	Aqua	10	
	Glycerin	Glycerin	7	
	BH-800	1,2-Hexanediol	1.5	
	PhytoCellTec™ Exosomes	Lycium Barbarum Extract (θ) Iso-malt (θ) Lecithin (θ) Aqua/Water	0.4	

### Procedure

1. Preparation of Part A: Heat deionized (D.I.) water to 60°C. Gradually add Allantoin, Disodium EDTA, Betaine, and Dipotassium Glycyrhizate to the warm D.I. water while mixing gently. Continue to mix for 5 minutes at a speed of 400 rpm until the mixture is uniform.
2. Preparation of Part B: Heat Butylene Glycol to 60°C and completely dissolve Hydroxyacetophenone in it. Next, disperse Xanthan Gum, Hydroxyethylcellulose, and Sodium Hyaluronate into the solution, ensuring an even mixture.
3. Combine Parts A and B: Add Part B to Part A while maintaining moderate agitation and keep the mixture at 60°C. Mix for 20 to 30 minutes at a speed of 600 rpm until uniform. Then, add Part C to the mixture with moderate agitation and allow the batch to cool down to 40°C.
4. Final Mixing: Combine Glycerin and 1,2-Hexanediol until the solution is clear and then add this mixture to the batch. Dissolve PhytoCellTec™ Goji in D.I. water and incorporate it into the batch, mixing until uniform.

## VividEYE™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info@mibellebiochemistry.com">info@mibellebiochemistry.com</a>
<b>WEBSITE:</b>	<a href="http://mibellebiochemistry.com/">mibellebiochemistry.com/</a>

VividEYE™ provides a holistic eye care solution that effectively reduces dark circles and puffiness. By reducing blood vessel leakage and stimulating the lymphatic system, it enhances fluid drainage and minimizes eye bag volume.

In addition, VividEYE™ inhibits melanin production, but also strengthens the skin barrier and prevents skin thinning making it a versatile multi-target ingredient. Based on organic apple mint leaves (*Mentha suaveolens*) known for their refreshing properties, VividEYE™ is perfectly suited for undereye cosmetics.

- Dual action on vascular network
- Reduces blood vessel leakage and stimulates the formation of lymphatic vessels
- Gentle and highly effective on delicate skin

# Mibelle Biochemistry

## Hydrogel Eye Pads with VividEYE™

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Solvent	Aqua	add 100%	
B	Humectant	Glycerin	3.5	
	SymSave® H (979940)	Hydroxyacetophenone	0.5	
	Humectant	1,2-Hexanediol	0.5	
	HYALURONIC ACID (1.3-1.5MDa)	Sodium Hyaluronate	0.05	
	KNK-AC-160	Chondrus Crispus (and) Glucomannan (and) Algin (and) Potassium Chloride	0.9	
C	Potassium Chloride 20% solution	Potassium Chloride (and) Water	1	
	VividEYE™	Mentha Suaveolens Leaf Extract (and) Maltodextrin (and) Water	2	
	SunCROMA Chrome Oxide Green C61-1245	CI 77288	0.05	

### Procedure

1. Heat up the D.I. Water to 80-83°C.
2. Add the raw materials of Phase A to Phase B one by one with moderate agitation.
3. Mix until uniform. Keep the temperature at 80-83°C for 20 minutes to ensure that all raw materials are completely dissolved.
4. Cool down to 40-43°C. Add the raw materials of Phase C to the batch one by one with moderate agitation.
5. Mix until uniform.
6. Pour the gel in the plastic mold. Cool down to room temperature.

## Cera Drip™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Antioxidants, Emollients, lipids, petrolatum, Humectants
<b>EMAIL:</b>	tomoko.otsu@mcls-ltd.com
<b>WEBSITE:</b>	<a href="http://www.mcls-ltd.com/en/business/cosmetics.html">www.mcls-ltd.com/en/business/cosmetics.html</a>

Cera Drip is a unique cosmetic ingredient rich in phospholipid  $\alpha$ -linolenic acid and glucosylceramide derived from TorulaYeast. These are necessary components for the normal maintenance of intercellular lipids in the stratum corneum, keep the skin normal and also allow the skin to feel a good sense of moisture penetration when applied to the skin. In addition, Cera Drip is made from TorulaYeast residues generated from the extract products we manufacture, making it an environmentally friendly and upcycled cosmetic ingredient.

- Rich in yeast-derived phospholipid linoleic acid/ $\alpha$ -linolenic acid and glucosylceramide
- Best balance of linoleic acid and  $\alpha$ -linolenic acid
- Maintain skin moisture level

# Mitsubishi Corporation Life Sciences Ltd.

## Super Hydrating Skin Suppleness Cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Behenyl Alcohol, Polyglyceryl-10 Pentastearate, Sodium Stearoyl Lactylate	2.20	
		Butyrospermum Parkii (Shea) Butter	1.00	
		Olea Europaea (Olive) Fruit Oil	2.00	
		Squalane	3.00	
		Tocopherol	0.10	
B		Water	48.63	
	Cera Drip™	Phospholipids, Pentylene Glycol, Butylene Glycol	0.50	MCLS
		Butylene Glycol	5.90	
	Glucal Moist™	Yeast Polysaccharides	2.00	MCLS
		Pentylene Glycol	3.80	
C		Glycerin	4.00	
		Hydroxyethylcellulose, Water	5.00	
D		Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Water	20.00	
		Water	1.233	
E		Sodium Hydroxide	0.137	
		Phenoxyethanol	0.50	
F		Fragrance	q.s	

### Procedure

1. Phase A heated at 75°C, dissolved and homogenised
2. Phase B mixed at 75°C, heated dissolved and homogenised
3. Phase C heated at 75°C, dissolved and homogenised
4. Gradually feed phase A into phase B and emulsify.
5. Phase C is added, neutralised and homogenised at 75°C (homogenisation 500 rpm x 5min.)
6. Phase D is added, neutralised and homogenised at 75°C
7. (homogenisation 500 rpm x 5min.) After cooling to 40°C, phase E and F are added and mixed.
8. Cool down to 35 °C and remove from vessel.

## Fermea

<b>PRODUCT TYPE:</b>	Active, Facial care, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Antioxidants, Oils, butters, Vitamins, minerals
<b>EMAIL:</b>	NielsDietzsch@mycolever.bio
<b>WEBSITE:</b>	<a href="http://www.mycolever.bio">www.mycolever.bio</a>

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Fermea is a line of fermented premium oils and blends designed for superior skin and hair care. The fermentation of oils enhances absorption, hydration and antioxidant properties and benefits the texture and non-greasy feel of oils. This enables lightweight, high-performance, and sustainable beauty solutions.

## Ultra & UltraBio Product Lines Next-Gen Skin Treatment

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients, Enzymes, Vitamins, minerals
<b>EMAIL:</b>	ohad@nanospuntech.com
<b>WEBSITE:</b>	www.nanospuntech.com

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Ultra & UltraBio Lines of Products revolutionizes probiotic and postbiotic skincare treatment by offering effective and highly concentrated live-active probiotic and postbiotic products tailored to treat a variety of skin conditions. NanoSpun products are offered as a white label solution and under NanoSpun's beyoutica™ 1905 premium professional skincare brand.

- Truly effective live-active probiotics & fresh-effective postbiotic products and solutions.
- On-demand user activation and in-situ production of fresh postbiotic skin nutrients for the ultimate skincare and skin treatment results.
- Clinically proven, impressively long shelf life, and tailored to treat a variety of skin conditions

## NV Hyaluronic Acid ECO

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Conditioning agents, Humectants, Microspheres, delivery systems
<b>EMAIL:</b>	<a href="mailto:info@nanovetores.com.br">info@nanovetores.com.br</a>
<b>WEBSITE:</b>	<a href="http://www.nanovetores.com.br">www.nanovetores.com.br</a>

Nanovetores patented a technology that nanoencapsulates high molecular weight hyaluronic acid, allowing it to deeply permeate the skin. Unlike conventional molecule, which only hydrates, this innovation also enhances the filling effect, offering a non-invasive, eco-friendly and safe alternative to aesthetic procedures.

What makes this product special?

- Dual Action: Hydrates and fills the skin.
- Deep Permeation: Nanoencapsulation allows deeper skin absorption.
- Eco-friendly and Safe: Water-based, solvent-free, and uses safe particle sizes.

## Natura-Tec SeaWonder

<b>PRODUCT TYPE:</b>	Active, Body care, Hand / foot / nail care
<b>CATEGORIES:</b>	Active ingredient, Marine extracts, Plant extracts
<b>EMAIL:</b>	pascale.goyat@natura-tec.com
<b>WEBSITE:</b>	www.natura-tec.com/

A natural new therapy to repair, soothe and promote healing that combines the power of a superfruit and Nannochloropsis microalgae extract (1st substantial source of plant cholesterol), providing optimal skin regeneration. This concentrate harnesses the synergistic benefits of long-chain omega-3 (EPA), antioxidants and phytocholesterol to enhance the skin's natural healing process by stimulating the production of collagen and elastin.

Clinically proven to diminish the appearance of stretch marks, it reduces redness, improves skin texture and enhances uniformity. This eco-friendly and high-performance solution promotes resilience, elasticity and overall rejuvenation for improved self-esteem.

- Anti-stretch marks
- Clinically tested
- Self-esteem

# Natura-Tec

## Cellular Repair Anti-Stretch Mark Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Natural BBB – Beauty Balm Base	Hydrogenated Ethylhexyl Oliviate (and) Hydrogenated Castor Oil (and) Butyrospermum Parkii Butter (and) Tocopherol	10	Natura-Tec
	Natura-Tec Plantsil™ XLite	Isoamyl Laurate (and) Hydrogenated Ethylhexyl Oliviate	12	Natura-Tec
	Natura-Tec Abysoft™ CH	Crambe Abyssinica Seed Oil Phytosterol Esters	53.2	Natura-Tec
	Natura-Tec Coconut Oil-Refined	Cocos Nucifera Oil	20	Natura-Tec
B	Natural Vitamine E	Tocopherol	0.8	Natura-Tec
	Natura-Tec Seawonder™	Hydrogenated Ethylhexyl Oliviate (and) Citrullus Lanatus seed oil (and) Nannochloropsis Oculata Extract	4	Natura-Tec
			100%	

### Procedure

1. Heat phase A up to 70°C
2. Stop heating
3. Add phase B homogenize and pour immediately in the packaging

### Properties

Jelly serum, 100% natural  
Transparent  
Apply to the skin and massage the area in circular motions  
Penetrating deeply, this luxurious serum provides intense hydration and restores the skin's elasticity, leaving skin soft, smooth, and visibly firmer.

## ROSECOCKTAIL™ HC

<b>PRODUCT TYPE:</b>	Active, Conditioning, Styling
<b>CATEGORIES:</b>	Active ingredient, Emollients, lipids, petrolatum, Conditioning agents
<b>EMAIL:</b>	<a href="mailto:info@normactive.com">info@normactive.com</a>
<b>WEBSITE:</b>	<a href="http://www.normactive.com">www.normactive.com</a>

ROSECOCKTAIL™ HC is a natural, upcycled active ingredient that replenishes essential hair lipids lost through washing, environmental stress, and chemical treatments. Acting as an endocuticle-edge filler, it repairs cuticle gaps, reduces porosity, and strengthens hair structure for lasting smoothness, shine, and manageability.

- **Dual Upcycling Process:** Transforms food industry by-products into premium active ROSECOCKTAIL™ HC. The residues remaining after ROSECOCKTAIL™ HC production are further milled into fine, natural exfoliating powders, offering a sustainable alternative to petrochemical exfoliators.
- **Endocuticle Edge Filler:** Strengthens hair structure, reduces porosity, and enhances smoothness and shine.
- **Eco-Friendly Performance:** Offers a sustainable alternative to conventional, non-biodegradable silicones.

## OLIVIC+

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts, Humectants, UV filters, SPF boosters
<b>EMAIL:</b>	fatima.zahra@nproc.com.tr
<b>WEBSITE:</b>	nproc.com.tr/en

### The Dual Power of Nature

Mediterranean Essence Complex OLIVIC+ is a cutting-edge skincare ingredient developed from the synergistic combination of fulvic acid and olive leaf extract. This innovative blend offers a comprehensive solution for skin health by addressing hydration, aging, pigmentation, and environmental protection.

#### Key Features:

- Multifunctional Skincare: Provides antioxidant protection, hydration, and anti-aging effects simultaneously.
- Bioenhancer Technology: Fulvic acid enhances the absorption and efficacy of olive leaf extract's active compounds.
- Sustainable Sourcing: Derived from Mediterranean natural resources.

## EcoPep

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	rd@oat.co.uk
<b>WEBSITE:</b>	<a href="http://oatcosmetics.com">oatcosmetics.com</a>

EcoPep is a breakthrough in ageing care, a high-purity natural peptide derived from *Avena sativa* (oat), developed through a patent-pending, enzyme-based biotechnological process.

Designed for multi-dimensional skin revitalisation, EcoPep targets skin ageing at the cellular, structural and visual levels, reinforcing the skin's foundation, strengthening skin' structure, improving elasticity and visibly reducing signs of ageing.

# Oat Cosmetics

## EcoPep Collagen-Boosting Peptide Cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Purified Water BP	Aqua	76.750	
	Mekiol RS (Raspeped) 995	Glycerin, Aqua	3.000	
	Dermofeel PA-3 ECO/COS	Sodium Phytate, Aqua, Alcohol	0.100	Evonik
	Carbopol Ultrez 30	Carbomer	0.150	Lubrizol
	Dermosoft OMP	Methylpropanediol, Caprylyl Glycol, Phenylpropanol	1.500	Evonik
	Cetiol CC	Dicaprylyl Carbonate	4.000	BASF
	Worlée Squalane Olive	Squalane	4.500	Worlée
Virgin Poppy Seed Oil	Papaver Somniferum Seed Oil	2.000	Oat Cosmetics	
B	Aristoflex AVC	Ammonium Acryloyldimethyltaurate/VP Copolymer	0.750	Clariant
	Olivem 1000	Cetearyl Olivatate, Sorbitan Olivatate	2.000	Hallstar Beauty
C	Ronacare Sodium Hydroxide 32%	Aqua, Sodium Hydroxide	0.150	Merck KGaA
D	Purified Water BP	Aqua	5.000	
	EcoPep	Avena Sativa (Oat) Peptide	0.100	Oat Cosmetics
E	Ronacare Sodium Hydroxide 32%	Aqua, Sodium Hydroxide	0.000	Merck KGaA

### Procedure

1. In a main vessel, add Purified Water BP and start heating to 75-80°C.
2. Add the ingredients of Phase A in order of the formula, between additions to ensure uniform dispersion.
3. When the temperature reaches 75-80°C, add Aristoflex and Olivem 1000. Briefly mix using a Silverson homogeniser (for approximately 5 minutes).
4. Begin cooling the emulsion under moderate stirring (500 rpm) until the temperature drops below 35°C.
5. Adjust pH with Ronacare Sodium Hydroxide 32%.
6. In a separate vessel, pre mix the EcoPep into the water portion, stirring until fully dissolved.

7. Add the pre-mixed Ecopep solution to the rest of the bulk, ensuring thorough incorporation.
8. Continue stirring gently until a smooth and homogeneous cream texture is achieved.
9. Cool down to room temperature and check the final pH.

### Properties

Appearance: Lightweight, non-greasy cream

pH: 6.0-6.5

Texture: Glossy, smooth, fast-absorbing

Claims: Collagen and elastin boosting, hydration, firmness, elasticity, skin resilience

## BLUE ALGA

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Marine extracts, Plant extracts
<b>EMAIL:</b>	contact@odycea-france.com
<b>WEBSITE:</b>	odycea-france.com

Bio-inspired by the fascinating ability of the *Cystoseira tamariscifolia* macroalga to optimize the vital capture of sunlight during high tide through an adaptive color shift, Blue Alga is an oil-soluble, eco-designed extract that enhances the natural skin's positive biological response to sun exposure. It supports neuro-immunity by stimulating the skin's vitamin D-induced defense pathway and well-being neuromediator release for improved skin health, resilience and radiance.

Blue Alga is China-compliant, preservative-free, COSMOS-registered, 100% natural origin, vegan-compliant and eco-friendly.

- Innovative neuro-immunity concept
- Scientifically proven action on 3 skin defense barriers: physical, immunological, and neurosensory
- Locally sourced, developed and manufactured in France

## GPI 4Planet™

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	maddalenasalvalaio@plantareibiotech.it
<b>WEBSITE:</b>	plantareibiotech.it

- GPI 4Planet™ is an eco-friendly biosolution made from sunflower lecithin using a sustainable process, reducing CO2 emissions by 80% compared to traditionally produced GPI.
- It is highly effective in reducing inflammation, redness, itching, and combats inflammaging, working naturally within the inflammatory cascade to provide lasting relief.
- it acts similarly to cortisonics by reducing inflammation on both skin and scalp however, it is safe even for long-term use without any side effects, since it's a natural substance already present in the body.
- GPI 4Planet™ is gentle, solvent-free, and effective, promoting a healthy, balanced complexion while providing relief without side effects.

## MYRAMAZE®-PURE

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	Chiara.deglinnocenti@rahn-group.com
<b>WEBSITE:</b>	<a href="http://www.rahn-group.com/en/cosmetics/product/1829">www.rahn-group.com/en/cosmetics/product/1829</a>

Discover the secret of scalp revival

MYRAMAZE®-PURE is crafted to strengthen and deeply hydrate even the driest of scalps, offering relief and protection to consumers. This innovative solution harnesses the remarkable properties of trehalose, a water-replacement sugar derived from the "resurrection bush" *Myrothamnus flabellifolia*, to protect and repair the scalp's natural barrier.

MYRAMAZE®-PURE uniqueness:

- Intense and deep scalp moisturisation
- Soothes scalp irritation
- Restores scalp barrier

## YERBALUXE®-CROWN

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	Chiara.deglinnocenti@rahn-group.com
<b>WEBSITE:</b>	<a href="http://www.rahn-group.com/en/cosmetics/product/1843">www.rahn-group.com/en/cosmetics/product/1843</a>

Discover the secret of easy to manage hair for different hair types

Damaged, frizzy, and unmanageable hair complicate your routine, often leaving you with less-than-desired results. Coily, curly, or straight - every hair type has its challenges. Imagine hearing the smooth glide of your comb through tangle-free hair. YERBALUXE®-CROWN can redefine your hair's vibe with its biohacking expertise.

YERBALUXE®-CROWN uniqueness:

- Target 3 different hair types V, III and I
- Protects ceramides in hair type I
- Contains approximately 13 times the amount of polyphenols, twice of caffeine, and 8 times of rutin compared to freshly brewed mate tea

## YERBALUXE®-PEARL

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts
<b>EMAIL:</b>	Chiara.deglinnocenti@rahn-group.com
<b>WEBSITE:</b>	<a href="http://www.rahn-group.com/en/cosmetics/product/1842">www.rahn-group.com/en/cosmetics/product/1842</a>

Discover the secret of skin's oxygen revival

A stressful lifestyle and uncertain environment drain energy levels, leading to feelings of depletion and exhaustion. While a sip of coffee, an energy drink, or a walk can provide a quick boost, imagine an energy drink for the skin. YERBALUXE®-PEARL is your biohacking energy drink for the skin, offering mate tea oxygen power.

YERBALUXE®-PEARL uniqueness:

- Immediately energises the skin with an increased oxygen level
- Protects mitochondria from stress
- Contains approximately 13 times the amount of polyphenols, twice of caffeine, and 8 times of rutin compared to freshly brewed mate tea

## Damasty®

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:asdjad.aboudou@robertet.com">asdjad.aboudou@robertet.com</a>
<b>WEBSITE:</b>	<a href="http://www.robertet.com/en/health-beauty">www.robertet.com/en/health-beauty</a>

Damasty® is a revolutionary nutricosmetic ingredient with the iconic Damask rose (*Rosa damascena*) at its core. Developed through a unique water co-extraction process, it transforms rose by-product into a potent skin-enhancing solution.

Combining three powerful natural antioxidants: upcycled rose petal polyphenols concentrate, proprietary melon Super Oxide Dismutase, and acerola-derived vitamin C, Damasty® has been clinically proven to improve skin brightness and evenness within two months of daily 300mg consumption.

Damasty® reflects Robertet's expertise in sustainable innovation, with a focus on scientific excellence and sustainability in beauty-from-within solutions.

- Rose Petal Polyphenol
- Unique Synergistic Antioxidants
- Clinically Proven Results

## SeidoTech Lux

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:customer.care@roelmihpc.com">customer.care@roelmihpc.com</a>
<b>WEBSITE:</b>	<a href="http://www.roelmihpc.com/">www.roelmihpc.com/</a>

ROELMI BIOTECH has developed an advanced ingredient through precision microbial fermentation, designed to meet the expectations of discerning consumers. Using extracts from Italian *Vitis vinifera* L. (cultivar rubra), fermented with the proprietary strain *Lactobacillus plantarum* PBS067, this ingredient delivers a supernatant rich in bioactive metabolites. With a targeted action on hyperpigmentation, SeidoTech Lux effectively inhibits tyrosinase, reducing melanin synthesis, and counteracts glycation in skin proteins, promoting natural repair and mitigating signs of aging.

Additionally, studies demonstrate a positive effect on capillary reorganization, positioning this ingredient as a promising solution for enhancing microcirculation and overall skin appearance.

# ROELMI HPC

## Eye Primer - Premier Regard (C.SK.24.63HPC)

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Aqua (Water)	74.9	
	Olifel® Glycerin	Glycerin	3.5	ROELMI HPC
		Xanthan Gum, Acacia Senegal Gum	0.4	
B	BeauSens® E-SF	Polyglyceryl-3 Stearate, Sunflower Seed Oil Glycerides, Cetearyl Alcohol	4.5	ROELMI HPC
		Cetyl Alcohol	2.5	
	Olifel® Pearls	C10-C18 Triglyceride	2.5	ROELMI HPC
C	BiosControl® Synergy ICE	Caprylyl Glycol, Ethylhexylglycerin, O-Cymen-5-ol	1	ROELMI HPC
		Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Polyglyceryl-3 Diisostearate, Polyglyceryl-3 Polyricinoleate	7	
D	SeidoTech Lux	Vitis Vinifera (Grape) Leaf Extract, Sodium Benzoate	1	ROELMI HPC
	VeLLvet	Lauroyl Lysine	1.5	ROELMI HPC
		Parfum (Fragrance)	0.2	

### Procedure

1. Prepare Phase A under stirring at 70°C+/-2°C;
2. Prepare Phase B under stirring at 70°C+/-2°C
3. When Phase B is homogeneous, add it into Phase A and mix under turboemulsifier for some minutes
4. Cool down to 30 +/-2°C and add Phase C under turboemulsifier
5. Cool down to 25+/- 2°C and add Phase D under turboemulsifier
6. Adjust the pH if necessary

### Properties

Appearance: CREAMY EMULSION

pH: 6,5-7

Colour: IVORY

Viscosity: (BrookField Mod. RVDV-E 230, S06, 10 rpm, 25°C): 30000-35000 cP

Smell: FLOWERY

Stability (6 months at 4, 25, 40°C): YES

## Roka Cirkle Sotabosk SPF booster

<b>PRODUCT TYPE:</b>	Active, Facial care, Protection
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Preservatives, preservative boosters, UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:info@rokafuradada.com">info@rokafuradada.com</a>
<b>WEBSITE:</b>	<a href="http://www.rokafuradada.com/">www.rokafuradada.com/</a>

- 
- Antimicrobial Properties: Effectively combats microorganisms, helping to protect against environmental and skin-related infections.
  - Antioxidant Benefits: Rich in antioxidants, it helps neutralize free radicals, reducing oxidative stress and supporting overall skin health.
  - SPF-Boosting: Enhances the effectiveness of sunscreen, providing additional protection against harmful UV rays.

# Roka Furadada

## SunSkin: all-in-one SPF 30

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Water (Aqua)	q.s.	
	Dissolvine® GL-47-S	Tetrasodium Glutamate Diacetate	0.25%	Nouryon
	Sensiva® PA 40	Phenylpropanol, Propanediol, Caprylyl Glycol, Tocopherol	1.20%	DKSH
B	Vegetal Glycerin EP E422	Glycerin	1.50%	Escuder
	Cristalhyal®	Sodium Hyaluronate	0.10%	Givaudan
	PrimalHyal™ 50	Hydrolyzed Hyaluronic Acid	0.10%	Givaudan
C	Valida S+ CS-3	Cellulose, Cellulose Gum	8.00%	Sappi Biotech
	Goma Xantana	Xanthan Gum	0.10%	Escuder
D	Zetemol OSB	Diethylhexyl Sebacate	13.00%	Zschimmer & Schwarz
	Finsolv® TN	C12-C15 Alkyl Benzoate	11.00%	Innospec
	Citrofol® BI	Tributyl Citrate	6.50%	Jungbunzlauer
	Aakosun OTZ	Ethylhexyl Triazone	4.00%	Aako
	AakoSun DHHB	Diethylamino Hydroxybenzoyl Hexyl Benzoate	5.00%	Aako
E	Aakosun BEMT	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.00%	Aako
	Emulium® Dolcea MB	Cetearyl Alcohol, Glyceryl Stearate, Jojoba Esters, Helianthus Annuus (Sunflower) Seed Wax, Sodium Stearoyl Glutamate, Water, Polyglycerin-3	3.00%	Gattefossé
	Olivem® 1000	Cetearyl Oliviate, Sorbitan Oliviate	1.00%	Hallstar
F	Roka Circle® Sotabosk	Lignin Oleate, Oleic Acid	3.00%	Roka Furadada
G	Harmonie™ Luxe 4 Powder	Silica	2.00%	Momentive
H	678 Vanilla	Parfum	0.10%	Symrise

## Procedure

1. Weigh Phase A into the main beaker and stir for 15 mins. approx.
2. Pre-disperse ingredients of Phase B and add to main beaker with Ultra-Turrax for 2 min at 8000 - 10000 rpm.
3. Add ingredients of Phase C to main beaker with Ultra-Turrax for 2 mins. at 10000 rpm.
4. Heat up to 70 - 75 °C.
5. Weigh ingredients of Phase D into the auxiliary beaker and heat up to 70 - 75 °C while stirring.
6. Once the filters are properly dissolved, add Phases E and F, maintaining heat and stirring until homogeneous.
7. Emulsify Phase D + E + F through Phase A + B + C with Ultra-Turrax at 8000 - 10000 rpm.

8. Cool down under agitation ( $T^{\circ} < 30^{\circ}C$ ).
9. Add Phase G while stirring until completely homogenised.
10. Add perfume (Phase H) under agitation until it is fully homogeneous.
11. Adjust pH level if necessary between 6 - 7.

## Properties

Appearance: Light beige velvety emulsion.

pH: At 6 - 7

Stability: This formula has passed 1 month accelerated lab stability (4°C, RT and 40°C).

Odour: Soft woody vanilla.

## Nulaurin®

<b>PRODUCT TYPE:</b>	Active, Facial care, Cleansing, shampoos
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents, Plant extracts
<b>EMAIL:</b>	info@sabinsa.eu
<b>WEBSITE:</b>	sabinsa.eu

Nulaurin® is a powerful natural active designed to support acne-prone skin and scalp health. With scientifically backed efficacy, it helps manage acne, reduces the appearance of blemishes, and assists in removing scalp flakes.

### Key Benefits:

- Helps in acne management
- Improves the appearance of blemishes
- Assists in removing scalp flakes

### Study Findings:

- Skin Care: In-vitro tests showed inhibition of acne-causing Cutibacterium acnes, common skin pathogens Candida albicans, and Staphylococcus aureus.
- Scalp & Hair Care: Effectively inhibited the growth of Malassezia furfur, linked to dandruff.
- Clinical Tests: Proven safe and effective for skin with light to moderate acne.

## ZeoSAES ActiveA

<b>PRODUCT TYPE:</b>	Active, Facial care, Protection
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Vitamins, minerals, Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:chemicals@saes-group.com">chemicals@saes-group.com</a>
<b>WEBSITE:</b>	<a href="http://www.saeschemicals.com">www.saeschemicals.com</a>

ZeoSAES ActiveA is a texturizing antioxidant agent based on vitamins-entrapped engineered zeolites. It seamlessly combines powerful antioxidant and free radical scavenging properties of vitamins with an exceptional texturizing effect, making it ideal for a diverse range of beauty & personal care formulations.

- Texturizing antioxidant agent based on vitamins-entrapped engineered zeolites
- Rheology enhancer with skin protection from environmental exposomes
- Free radical scavenging for well-aging

## Encapguard™ Cera-P 50 Complex

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:john.sim@samyang.com">john.sim@samyang.com</a>
<b>WEBSITE:</b>	<a href="http://www.kcilt.com/en/index">www.kcilt.com/en/index</a>

1. High-Concentration Ceramide (50%) – Formulated with three ceramide types in a skin-mimicking ratio for optimal skin barrier support.
2. Superior Re-Dispersion – Maintains liposome structure and small particle size upon re-dispersion, enhancing formulation stability and skin absorption.
3. Enhanced Active Delivery – Encapsulation technology enables efficient delivery of ingredients like niacinamide, demonstrating enhanced percutaneous penetration.
4. Versatile & Easy to Formulate – Works seamlessly across various formulations through stabilized ceramide particles, providing a stable and effective delivery of the active to the skin.

# Samyang KCI Corporation

## Encapguard™ Cera-P 50 Complex Essence

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Water	To 100	
	Butylene Glycol	Butylene Glycol	3	
	Propanediol	Propanediol	5	
A-1	Water	Water	20	
	Encapguard Cera-P 50 Complex	Ceramide EOP & Ceramide AP & Ceramide NP & Polyglyceryl-10 Stearate & Hydrogenated Lecithin & Arginine & Sucrose Stearate	0.2	SAMYANG KCI CORPORATION
B	GCC 300KC	Caprylic/Capric Triglyceride	2	SAMYANG KCI CORPORATION
	Behenyl Alcohol	Behenyl Alcohol	1	
	Hydrogenated Lecithin	Hydrogenated Lecithin	0.15	
	Sunflower 100KC	Helianthus Annuus (Sunflower) Seed Oil	3	SAMYANG KCI CORPORATION
C	Multicare MP100KC	Sodium Polyacryloyldimethyl Taurate & Dicaprylyl Ether & Polyglyceryl-10 Dilaurate	0.6	SAMYANG KCI CORPORATION
D	Hydroquat™ 510HDKC	Polyquaternium-51 & 1,2-Hexanediol & Water	2	SAMYANG KCI CORPORATION
	1,2-Hexanediol	1,2-Hexanediol	2	
	Fragrance	Fragrance	0.05	

### Procedure

1. Mix phase A and heat up to 80°C
2. Mix phase A-1 and heat up to 60°C
3. Add phase A-1 into A and mix
4. Mix phase B and heat to 80°C
5. Add phase B into A and homogenize
6. Add phase C into A and homogenize then cool down to 50°C
7. Add phase D into A at 40°C and homogenize

### Properties

pH: 5.5 ~ 7.5  
Viscosity: 14,000 ~ 25,000cps  
Appearance: White emulsion

## NATPURE XCO SAPPHIRE GB606

<b>PRODUCT TYPE:</b>	Active, Bath and shower, scrubs, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	<a href="mailto:sensient.beauty@sensient.com">sensient.beauty@sensient.com</a>
<b>WEBSITE:</b>	<a href="http://sensient-beauty.com">sensient-beauty.com</a>

Nature® Xco Sapphire GB606 is derived from the fruit of *Gardenia jasminoides* Ellis, this patented biotechnology extract is globally compliant and Cosmos certified, ensuring versatility in various cosmetic applications.

Nature® Xco Sapphire GB606 features :

- antioxidant properties of Nature® Xco Sapphire GB606 help protect skin from free radicals, promoting a youthful appearance and resilient skin. By integrating this remarkable ingredient into your products, you offer consumers added value while keeping sustainability at the forefront.
- a vibrant inherent blue color that enhances your formulations.

## GANOCALM

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	<a href="mailto:info.seppic@airliquide.com">info.seppic@airliquide.com</a>
<b>WEBSITE:</b>	<a href="http://www.seppic.com/fr">www.seppic.com/fr</a>

With half of the world's population claiming to have sensitive or very sensitive skin, Seppic was inspired by nature to create GANOCALM™, an active ingredient acting on the symptoms of sensitive skin.

GANOCALM™ is a botanical extract of Reishi, *Ganoderma lucidum*, an adaptogen mushroom traditionally used in Asia for its soothing properties thanks to its richness in triterpenes. The active has proven benefits (in vitro and in vivo) on relieving unpleasant sensations, soothing and hydration.

- From an adaptogen mushroom
- Immediate comfort on skin: to relieve discomfort, reduce redness and moisturise
- Adapted to all skin type, even the most sensitive

# SETHIC

# 5B70E

## GLYCOWAVE

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Marine extracts
<b>EMAIL:</b>	marketing_gz1@sethich-innovations.com
<b>WEBSITE:</b>	www.sethich-innovations.com

GLYCOWAVE delivers fast results, reducing wrinkle size by 10.05% within 14 days in Asian females aged 35-55 (avg. 48), even in cases where visible improvements are harder to achieve. Targeting 9 aging hallmarks, it modulates 31 genes linked to telomere integrity, autophagy, and inflammation, demonstrating synergistic efficacy comparable to retinol, which impacts 28 genes.

Sustainably derived from *Aphanothece sacrum* and *Gloiopeltis furcata*, GLYCOWAVE contains unique glycan units (N-acetylgalactosamine,  $\beta$ -galactosamine) with distinct anti-aging effects compared to the two monoalgal polysaccharides, as confirmed by GLYCOPROFILE®. Combining glycobiology, gene regulation, and polysaccharides, it innovatively enhances skin health and beauty.

# Shanghai Coachchem Technology Co., Ltd.

1D140

## Anallerg® - NFA

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Chemical exfoliants, AHA/BHA/acids
<b>EMAIL:</b>	zhangdie@coachchem.com
<b>WEBSITE:</b>	www.coachchem.com

Anallerg® - NFA (INCI: Maltobionic Acid)

A naturally derived, anti-aging polyhydroxy bionic acid. In vitro and in vivo studies reveal NFA's ability to accelerate keratinocyte renewal, strengthen the skin barrier, reduce pigmentation, smooth wrinkles, and revitalize skin for a smoother, younger look.

What makes it special:

1. Gentle yet highly effective in exfoliating and enhancing skin renewal.
2. Promotes keratinocyte turnover for vibrant, revitalized skin.
3. Strengthens the epidermis, improving elasticity and overall skin health.

# Shanghai Co-fun Biotech Co., Ltd. (UNI-POWDER)

1F31

## SynBioAntho

<b>PRODUCT TYPE:</b>	Active, Facial products
<b>CATEGORIES:</b>	Bio-fermentation ingredients
<b>EMAIL:</b>	fan.chen@uni-powder.com
<b>WEBSITE:</b>	www.uni-powder.com

This sustainable anthocyanin ingredient is derived from wine lees using precision fermentation:

- Sustainable & Circular – Transforms wine byproducts into eco-friendly skincare assets.
- Potent Bioactive Properties – Delivers antioxidants, anti-inflammatory, and skin-brightening benefits.
- Natural Color Enhancement – Adds subtle tint for foundations, blushes, and lip products.

## OLI-2208 Olicoclean®-SF

<b>PRODUCT TYPE:</b>	Active, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents, Conditioning agents, Plant extracts
<b>EMAIL:</b>	<a href="mailto:nicole.li@olibio.com">nicole.li@olibio.com</a>
<b>WEBSITE:</b>	<a href="http://www.olibio.com/">www.olibio.com/</a>

What makes OLI-2208 Olicoclean®-SF special:

- Botanical anti-dandruff agent
- Biomimetic technology changes the dosage form
- Long-lasting efficacy.

OLI-2208 Olicoclean®-SF is a Chinese traditional botanical anti-dandruff agent derived from *Sophora flavescens* root extract and enhanced by biomimetic technology using Cellpolypid®. Cellpolypid® are phosphatidylcholine polymers that mimic cell membranes, offering excellent biocompatibility. This treatment prepared the water-soluble extract into an oil solution, improving the flocculation of active substances during shampooing.

As a sustained-release platform, Cellpolypid® boosts the retention of active ingredients on the scalp, providing long-lasting anti-dandruff, antibacterial and oil control effects.

# Shanghai OLI Enterprises Co., Ltd.

## Botanical Anti-dandruff Clarifying shampoo

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	WATER	60.3	
	LH1410	GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	0.3	
	Citric Acid	CITRIC ACID	0.3	
	METHYLPARABEN	METHYLPARABEN	0.2	
	EDTA-2Na	DISODIUM EDTA	0.1	
B	Texapon® N 701	SODIUM LAURETH SULFATE	12	
	OLI-4902H	SODIUM METHYL COCOYL TAURATE & SODIUMCHLORIDE & WATER	2.5	OLI
	L32	SODIUM LAUROAMPHOACETATE	2.5	
	OLI-4102	CETYL-PG HYDROXYETHYL PALMITAMIDE & LAURYL GLUCOSIDE & COCAMIDE METHYL MEA & PEG-7 GLYCERYL COCOATE	0.4	OLI
C	OLI-4202P	SODIUM LAUROYL SARCOSINATE	7	OLI
	AMPHITOL 20HD	LAURYL HYDROXSULTAINE	9	
	OLI-4888C	COCAMIDOPROPYL PG-DIMONIUM CHLORIDE & WATER	0.5	OLI
D	Cetiol HE	PEG-7 GLYCERYL COCOATE	0.6	
	OLI-2208 Olicoclean®-SF	SOPHORA FLAVESCENS ROOT EXTRACT & POLYQUA-TERNIUM-S1 & POLYQUATERNIUM-S18 OLEA EUROPAEA (OLIVE) FRUIT OIL & CAPRYLIC/CAPRIC GLYCERIDES	0.2	OLI
E	Water	WATER	3	
F	OLI-4818	PANTHENYL HYDROXYPROPYLSTEARDIMONIUM CHLORIDE & WATER	0.5	OLI
	Fragrance	FRAGRANCE	0.1	
	PE	PHENOXYETHANOL	0.5	

### Procedure

1. Add water to the main pot, start stirring, and add the remaining materials of phase A in sequence, stirring until evenly dispersed;
2. Add phase B raw materials in sequence, stir and heat to 85°C until the materials are completely dissolved and transparent;
3. Add phase C raw materials in sequence, stir evenly, and start cooling to 45°C;
4. Disperse the phase D raw materials evenly in a clean container, slowly add phase E under high-speed stirring until fully emulsified, and then let it stand and keep warm (45-50°C) until transparent. Slowly add it to the main pot;
5. Add phase F raw materials in sequence and stir evenly

## Pantrofina Klamath

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	<a href="mailto:info@sharonpc.com">info@sharonpc.com</a>
<b>WEBSITE:</b>	<a href="http://www.sharonpc.com">www.sharonpc.com</a>

Pantrofina® Klamath: Sourced from sweet water algae, a renowned food supplement, this innovative ingredient redefines skin wellness. Scientifically proven to protect against Inflammaging and Photoaging, it delivers a complete solution promoting a radiant, resilient skin complexion.

- Anti-inflammaging, Anti-photoaging
- Marine Beauty
- Sustainable Ingredient

# Shenzhen Dieckmann Biotechnology Co., LTD

1E142

## CeraMIX™ - CalmZ

<b>PRODUCT TYPE:</b>	Active, Facial care, After sun
<b>CATEGORIES:</b>	Active ingredient, Plant extracts, Essential oils, Emollients, lipids, petrolatum, Formulation bases
<b>EMAIL:</b>	sale01@dkmbio.com
<b>WEBSITE:</b>	www.dkmbio.com

1. It has a special raw material composition of plant-derived ceramide, containing ceramide NP with precise targeted modification of prickly oil and phytosphingosine small molecules;
2. NP, EOP, and bisabolol are combined to effectively soothe and fade redness, and enhance the skin's immune barrier;
3. Nano-level controllable size, high stability, easy absorption.

## Hesperegen

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@shreenika.bio">info@shreenika.bio</a>
<b>WEBSITE:</b>	<a href="http://www.shreenika.bio">www.shreenika.bio</a>

Hesperegen™ contains a powerful citrus flavonoid made available through Shreenika's biocatalysis technology. Historically known as "vitamin P," hesperegen boosts vitamin C's effectiveness while reducing the required dose for brighter, youthful skin.

- Vitamin C Booster – Works with vitamin C for skin brightness and antioxidant effect.
- Brighter Skin – Fades hyperpigmentation and boosts radiance.
- Anti-Aging – Supports circulation for healthy skin.
- UV & Inflammation Defense – Reduces inflammation and redness.
- Formulator-Friendly – Odorless, colorless, and easy to formulate.

## Rutinol

<b>PRODUCT TYPE:</b>	Active, Body care, Facial care
<b>CATEGORIES:</b>	Active ingredient, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@shreenika.bio">info@shreenika.bio</a>
<b>WEBSITE:</b>	<a href="http://www.shreenika.bio">www.shreenika.bio</a>

Rutinol is a rare, skin-rejuvenating sugar made available for the first time through synthetic biology. This bioactive sugar combats skin aging by inhibiting enzymes that break down collagen, elastin, and hyaluronic acid—keys to youthful skin.

- Preserves Firmness & Hydration – Prevents collagen and hyaluronic acid depletion.
- Boosts Elasticity – Protects elastin in skin from degradation.
- Locks in Moisture – Acts as a natural humectant.
- Formulation-Ready – Colorless, odorless, and highly water-soluble.

## LIFTILIENCE®

**PRODUCT TYPE:** Active, Body care, Facial care

**CATEGORIES:** Active ingredient

**EMAIL:** [silabnews@silab.fr](mailto:silabnews@silab.fr)

**WEBSITE:** [www.silab.fr/en](http://www.silab.fr/en)

Obtained with a novel technology applied to chestnuts' polysaccharides of interest, LIFTILIENCE® is a phytensor composed of functionalized helical biopolymers, acting as a beauty enhancer and a makeup perfecter for optimized routines.

- The patented technology confers a tensor effect combined with an optimal adhesion of the film at the surface of the skin;
- The active ingredient provides multiple rapid and long-lasting benefits for face and body applications;
- Available in preservative-free powder, with a natural origin content of 100% (ISO 16128) and easily formulable, this phytensor is recommended at a dose of 0.16 to 0.64%.

## PRO-LONGEVIA®

<b>PRODUCT TYPE:</b>	Active, Facial care, Hand / foot / nail care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Plant extracts
<b>EMAIL:</b>	<a href="mailto:contact.cosmetics@solabia.com">contact.cosmetics@solabia.com</a>
<b>WEBSITE:</b>	<a href="http://www.solabia.com">www.solabia.com</a>

PRO-LONGEVIA® is a 100% natural origin, COSMOS-approved active focusing on skin longevity. Rich in ellagitannins, it is obtained by an eco-designed subcritical water process from raspberry leaves, certified organic from France. Bio-inspired by nature, it protects the skin biological integrity, for a visible improvement of signs of aging.

With a holistic and biological approach of longevity, PRO-LONGEVIA® targets all the levels of hallmarks of aging.

- Eco-designed subcritical water active ingredient
- Holistic biological approach of longevity
- Clinically proven on skin evenness, age spots, wrinkles, and skin texture.

## SpecKare® HC 401

<b>PRODUCT TYPE:</b>	Active, Colouring, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Conditioning agents, Bio-fermentation ingredients
<b>EMAIL:</b>	sales17@specchemind.com
<b>WEBSITE:</b>	www.specchemind.com/

SpecKare® HC 401 is a biotech-powered hair care ingredient that repairs and strengthens damaged hair. Its formula blends hydrolyzed collagen, pea protein, glycine, carnosine, and glycolipids to rejuvenate hair from within. Acting as a shield against environmental and mechanical stress, it enhances resilience and protection.

### Key Benefits:

- Repairs cuticle scales, protects color, and strengthens hair.
- Proven in-vitro efficacy for hydrophobicity, smoothness, and resistance.
- Sustainably developed with bioactive proteins and peptides.

SpecKare® HC 401 ensures healthier, more vibrant hair with advanced scientific innovation.

# Spec-Chem Industry Inc.

## Silk Repair Shampoo for Damaged Hair

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Water	To 100	SC
	SpecSufc® SLES	Sodium Laureth Sulfate, Water	12.0	SC
	SpecSufc® CAB	Cocamidopropyl Betaine, Water	10.0	SC
	SpecSufc® APG0814	Coco-Glucoside, Water	5.0	SC
	Cocamide MEA	Cocamide MEA	1.5	ZheJiang Zan yu
	Disodium EDTA	Disodium EDTA	0.05	Nanjing Reagent
B	SpecKare® HC 401	Hydrolyzed Collagen, Glycine, Hydrolyzed Pea Protein, Carnosine, Water, Glycolipids, 1,2-Hexanediol, Ethylhexyl-glycerin	1.0	SC
	SpecKare® PQ-7	Polyquaternium-7	2.0	SC
	SpecPure® HK	Hydrolyzed Keratin	0.1	SC
	PrzvFree® HE91	1,2-Hexanediol, Ethylhexyl-glycerin	1.0	SC
C	Sodium Chloride	Sodium Chloride	0.4	Nanjing Reagent
	SpecPure® CAD	Citric Acid	q.s	SC
D	Fragrance	Fragrance	0.15	Nanjing Ou Ya

### Procedure

1. Mix phase A and Heat up to 80-85°C, Stir until completely uniform
2. Cool Down to 40-45°C under agitation
3. Add phase B, Stir until completely uniform
4. Add phase C and Adjust PH level
5. Add perfume

### Properties

Appearance: Light Yellow viscosity liquid  
pH: 6.0±0.5  
Viscosity(25°C, 2#, 30rpm, mPa·s): 2000±500

## SCH ShellCare® SCALP

<b>PRODUCT TYPE:</b>	Active, Conditioning, Body care
<b>CATEGORIES:</b>	Active ingredient, Microspheres, delivery systems
<b>EMAIL:</b>	<a href="mailto:marti.sarrate@special-chemicals.es">marti.sarrate@special-chemicals.es</a>
<b>WEBSITE:</b>	<a href="http://special-chemicals.es">special-chemicals.es</a>

SCH ShellCare® SCALP is a cutting-edge active for scalp and hair health, aligning with the skinnification trend. Its advanced encapsulation technology enhances ingredient absorption, delivering visible improvements in hair quality and density.

Efficacy after 150 days:

- Hair loss reduced by 44,83%
- Hair density increased by 21,76%
- Thick hair count improved by 17,41%
- Fine hair count grew by 38,04%
- Active follicular unit count increased by 10,52%

With bioactive compounds and peptides, it strengthens follicles, boosts microcirculation, and hydrates the scalp, making it ideal for shampoos, serums, tonics and treatments.

## Cerafy™ MIX REPAIR

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:novecareCC@syensqo.com">novecareCC@syensqo.com</a>
<b>WEBSITE:</b>	<a href="http://www.syensqo.com/en/brands/cerafy">www.syensqo.com/en/brands/cerafy</a>

Cerafy™ MIX REPAIR is a lipid concentrate combining ceramides (NPo, NPs (3), AP (6)) and ceramide precursor (Phytosphingosine) to enhance skin moisturization and restore the skin's protective barrier.

This water-soluble product is easy-to-use and versatile for skin, hair, and scalp care. By integrating Cerafy™ MIX REPAIR into formulations, it improves skin health, ensures hydration, and reinforces the skin's barrier function.

Its composition addresses dryness and supports resilience against environmental stressors, preventing premature aging by supplementing the skin with key biomimetic lipids, ensuring skin longevity.

- easy to use, cold processable
- key biomimetic lipids
- skin barrier function and longevity

## Crinipan® PO Plus

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Anti-microbial agents, Preservatives, preservative boosters
<b>EMAIL:</b>	cosmetic.ingredients@symrise.com
<b>WEBSITE:</b>	<a href="http://www.symselect.com/dandruff-control">www.symselect.com/dandruff-control</a>

Crinipan® PO Plus is an optimized, easy-to-handle liquid solution designed to protect the scalp from dandruff and sebum. It combines the well-established anti-dandruff agent piroctone olamine with modern ingredients like 1,2-hexanediol and decylene glycol for enhanced efficacy. Its liquid format eliminates the need for heating during formulation, saving time and effort for manufacturers. This optimized liquid format is compliant with global regulations, including China.

What makes Crinipan® PO Plus special:

- Synergistic Combination
- Optimised performance against Malassezia, fungi linked with dandruff formation
- Easy-to-use liquid format
- Global compliance (China included)

## SymRelief® Green

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Plant extracts
<b>EMAIL:</b>	cosmetic.ingredients@symrise.com
<b>WEBSITE:</b>	www.symselect.com

Symrise, leveraging 70 years of expertise in sensitive skin, introduces SymRelief® Green, a groundbreaking solution for skin soothing and well-being. This innovative ingredient combines a sustainable biotech high-purity bisabolol ( $\geq 99\%$ ) with an organic ginger extract (100% natural origin - ISO 16128).

- Enhance bisabolol through biotechnology: a well-known ingredient for inflammation with improved sustainability.
- Patented synergy with ginger: a boosted effect, actively reducing skin irritation.
- Anti-inflammaging benefits: prevents premature skin aging, often triggered by chronic inflammation.

SymRelief® Green effectively addresses immediate symptoms such as redness, discomfort, and hypersensitivity while targeting the underlying causes of sensitive skin.

## Tiny Cargo Exosomes

<b>PRODUCT TYPE:</b>	Active, Facial care, After sun
<b>CATEGORIES:</b>	Active ingredient, Antioxidants
<b>EMAIL:</b>	<a href="mailto:info@tinycargo.com">info@tinycargo.com</a>
<b>WEBSITE:</b>	<a href="http://www.tinycargo.com">www.tinycargo.com</a>

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Cow's milk exosomes for use in skin repair formulations

1. First company in the world to manufacture exosomes at scale. Milligram to kilogram quantities.
2. Highly pure GMP grade products:  
Cosmeceutical grade -  $1 \times 10^9$  exosomes per milligram  
Pharmaceutical grade -  $1 \times 10^{12}$  exosomes per milligram
3. Global leaders in milk exosome manufacturing (isolation), functional application into products and loading of exosomes with therapeutic cargoes.

## NiaPure™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Vitamins, minerals, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@tri-k.com">info@tri-k.com</a>
<b>WEBSITE:</b>	<a href="http://www.tri-k.com">www.tri-k.com</a>

NiaPure™ is the next generation of low-irritation, high-performance niacinamide, expertly crafted to gently even skin tone, regulate sebum, and visibly reduce hyperpigmentation.

Developed through advanced fermentation technology and an exclusive technique to significantly enhance bioproduction efficiency, it delivers patented high purity and eliminates nicotinic acid for unparalleled skin comfort. With 5x less nicotinic acid compared to standard niacinamide, NiaPure™ minimizes melanin production while reducing irritation, making it ideal for sensitive and reactive skin.

- Biotechnology derived
- Precision processing for superior purity
- 5x less nicotinic acid for significantly reduced irritation

## TerraCera Renew NP™

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Emollients, lipids, petrolatum, Conditioning agents, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:info@tri-k.com">info@tri-k.com</a>
<b>WEBSITE:</b>	<a href="http://www.tri-k.com">www.tri-k.com</a>

TerraCera Renew NP™ offers a breakthrough ceramide, delivering superior moisturization and a measurable reduction in Trans-Epidermal Water Loss (TEWL), outperforming market-leading benchmarks. With its innovative, bio-fermentation design, it not only restores but enhances the skin's barrier function, meeting the growing demand for sustainable, high-performance skincare ingredients.

- High purity >95%
- Bio-Fermentation Process, NOI = 1.0
- Barrier Repair, Anti-inflammatory

## CATAPLA CORRECT

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:contact@tropicaltheque.com">contact@tropicaltheque.com</a>
<b>WEBSITE:</b>	<a href="http://tropicaltheque.com">tropicaltheque.com</a>

Catpla Correct™ is a natural active that restores a calming glow in adult women with acne-prone skin. By reducing IL-1 alpha and strengthening the extracellular matrix and DEJ, it reduced blemishes in 28 days by 25.7% across all skin tones, significantly outperforming placebo.

Sourced sustainably from Terminalia catappa, a tropical tree valued for its restorative properties, its efficacy is backed by the first study addressing the distinct concerns of both melanin-rich and fair skin.

- Catpla Correct™ accelerates epidermal renewal and soothes irritation.
- Reduces blemishes and redness in fair skin.
- Visibly improves dark spots and blemishes in melanin-rich skin

## YouSIA

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:sales@ts-biotech.com">sales@ts-biotech.com</a>
<b>WEBSITE:</b>	<a href="http://www.ts-biotech.com">www.ts-biotech.com</a>

YouSIA is a cutting-edge biotechnology-derived acne care program designed for complete well-being:

1. **Targets the Root Causes of Acne**  
YouSIA effectively modulates sebum secretion, inhibits *C. acnes*, mitigates inflammation, and soothes sensitive areas.
2. **Enhances Skin Barrier for a Harmonized Skin Tone**  
YouSIA balances skin hydration and sebum while restoring the cutaneous barrier, minimizing melanin accumulation in acne, and reducing pigmentation irregularities.
3. **Rebuilds Confidence and Self-esteem**  
YouSIA extends beyond dermatological health to encompass emotional well-being. It enhances the positive neurotransmitter for individuals suffering from acne, overcomes the feelings of isolation closely associated with acne, and encourages social interaction.

# TS-BIOTECH

## YouSIA Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	WATER	Water	81.4	
	KELTROL® CG-SFT	Xanthan Gum	0.35	CP Kelco
	HYDROXYACE-TOPHENONE	Hydroxyacetophenone	0.5	
B	1,2-HEXANEDIOL	1,2-Hexanediol	0.5	
	Æctive™	Ectoin	1	TS-Biotech
C	SupremeHyal™ Relift	Sodium Hyaluronate	0.1	TS-Biotech
	BUTYLENE GLYCOL	Butylene Glycol	0.5	
	WATER	Water	10	
D	YouSIA™	Acetylneuraminic Acid	0.5	TS-Biotech
	WATER	Water	5	
E	AMP-ULTRA® PC 2000 (10%)	Aminomethyl Propanol, Water	0.15	Advancion Sciences

### Procedure

1. Weigh phase A, stir, heat to 80-85°C, stir and homogenize and dissolved evenly;
2. Stir to cool down. When the temperature is lower than 50°C, add phase B in sequence and stir to make evenly;
3. Prepare phase C, disperse SupremeHyal® Relift by Butylene Glycol, then add water and stir till even, then add in phase(A+B), stir till even;
4. Add pre-dissolved phase C, stir till even;
5. Cool to room temperature and phase E, adjust pH at 5.5-7.

### Properties

pH: 5.96  
Viscosity: 580 mPas  
Appearance: colorless essence

## DERMAL PAPILLA PRO LIPOVES®

<b>PRODUCT TYPE:</b>	Active, Cleansing, shampoos, Conditioning
<b>CATEGORIES:</b>	Active ingredient, Conditioning agents
<b>EMAIL:</b>	<a href="mailto:susanne.stierli@ubib.ch">susanne.stierli@ubib.ch</a>
<b>WEBSITE:</b>	<a href="http://www.ubib.ch">www.ubib.ch</a>

Dermal Papilla Pro LipoVes® is focused on combatting hair loss through advanced cosmetic formulation techniques.

The active ingredients focus on hair biology and common hair loss types, esp. androgenetic alopecia, caused by DHT's effects on hair follicles and approaches to challenges in existing anti-hair loss products, such as low efficacy, limited bioavailability, and side effects. It utilizes flexible liposome carriers to enhance ingredient delivery into hair follicles, increasing bioavailability and promoting hair growth.

Leading to significant hair growth improvements:

- promotes hair follicle cell health
- reduces oxidative stress
- supports collagen production

## Arelastin™ P / Arelastin™ W

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Humectants
<b>EMAIL:</b>	<a href="mailto:info@uniproma.com">info@uniproma.com</a>
<b>WEBSITE:</b>	<a href="http://www.uniproma.com">www.uniproma.com</a>

ARELASTIN™ is a groundbreaking recombinant humanized elastin engineered to restore skin elasticity, repair damage, and combat aging.

Key Differentiators:

1. 100% Humanized Sequences: Integrates human-specific integrin receptors and a  $\beta$ -spiral structure, achieving 18.75  $\mu\text{g}/(\text{cm}^2 \cdot \text{h})$  transdermal efficiency within 30 minutes.
2. Biomimetic Bioactivity: Replicates the skin's bioactive microenvironment to drive cell adhesion, migration, and extracellular matrix regeneration.
3. Multifunctional Efficacy: Clinically proven to boost hydration (14.7%), elasticity (17.5%), firmness (16.4%), and reduce wrinkles (15.2%) while soothing erythema (26.8% reduction).

## BotaniCellar Tianshan Snow Lotus (P)

<b>PRODUCT TYPE:</b>	Active, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Antioxidants, Humectants
<b>EMAIL:</b>	<a href="mailto:info@uniproma.com">info@uniproma.com</a>
<b>WEBSITE:</b>	<a href="http://www.uniproma.com">www.uniproma.com</a>

This plant-based firming serum combines 30% Saussurea involucreta callus extract—sourced sustainably via lab cultivation of China’s protected Tianshan Snow Lotus—with glycols for clarity and stability. Its innovation lies in three pillars:

Pre-extracted actives from disrupted cells ensure immediate bioavailability, bypassing extraction steps;

Eco-conscious sourcing replaces wild harvesting, preserving biodiversity through controlled cell culture;

Lab-enhanced potency delivers concentrated antioxidants (flavonoids, polysaccharides) with higher purity than traditional methods.

The result: A ready-to-use, transparent formula that merges rare botanical efficacy with cutting-edge biotech, targeting wrinkles while aligning with ethical and environmental standards.

## ANGEL-EYE EFX®

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:nicole.finn@vantagegrp.com">nicole.finn@vantagegrp.com</a>
<b>WEBSITE:</b>	<a href="http://personalcare.vantagegrp.com/">personalcare.vantagegrp.com/</a>

ANGEL-EYE EFX® is a natural active ingredient designed to support the skin surrounding the eye area, from top to bottom. Its composition (Phellinus Linteus mushroom and Angelica Polymorpha Sinensis root) is inspired by traditional Chinese medicine. In-vitro and in-vivo tests demonstrated how ANGEL-EYE EFX® contributes to improving blood flow to help prevent the appearance of dark circles, under-eye bags and reduce wrinkles around the eye area.

- Protects against oxidative stress
- Reinforces the extracellular matrix and skin barrier
- Strengthens capillaries and improves of blood micro-circulation

# Vantage Personal Care

## Golden Radiance Eye Gel

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Aqua (Water)	85.20	Local
B	SUCRACLEAR V2	Cellulose Gum, Chondrus crispus Powder (Carageenan), Ceratonia siliqua Gum, Glucose	0.80	Alchemy ingredients
	Kelco-Care™ diutan gum	Sphingomonas Ferment Extract	0.30	CP Kelco
	JEECHEM® PDO	Propanediol	5.00	Vantage
C	ALGIN	Sodium Alginate	0.80	
D	BP-TRILURONIC® ACID SOLUTION	Water (and) Sodium Hyaluronate	2.00	Vantage
	Angel-Eye EFX®	Water (and) Butylene Glycol (and) Lycium Barbarum Fruit Extract Propanediol (and) Hydroxycinnamic Acid	1.00	Vantage
	DC INSTALIFT™ GOJI	Water (and) Butylene Glycol (and) Lycium Barbarum Fruit Extract	3.00	Vantage
	ILLUMINATE EFX™	Propanediol (and) Hydroxycinnamic Acid	1.00	Vantage
E	JEECID® CAP-5	Phenoxyethanol (and) Caprylyl Glycol (and) Potassium Sorbate (and) Hexylene Glycol	0.80	Vantage
F	Timiron® Super Gold	Mica (and) Titanium Dioxide	0.10	Merck

### Procedure

1. Add phase 1 into the main beaker and begin heating to 70°C.
2. Premix phase 2 and add it into the batch.
3. Sprinkle phase 3 in slowly. Mix until uniform.
4. Cool to 30°C and add phase 4, 5, 6 one at a time until fully combined.

### Properties

pH: 5.00-5.50  
Viscosity: 10,000 cps

## Mineral Sun Mist Spray SPF 50

<b>PRODUCT TYPE:</b>	Active, Protection, Body care
<b>CATEGORIES:</b>	Active ingredient, UV filters, SPF boosters, Formulation bases, Tanning agents
<b>EMAIL:</b>	<a href="mailto:omari@vizorsun.com">omari@vizorsun.com</a>
<b>WEBSITE:</b>	<a href="http://www.vizorsun.com">www.vizorsun.com</a>

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A luxurious veil of protection, this ultra-fine mineral mist caresses your skin with an invisible shield of SPF 50.

Powered by non-nano zinc oxide, it delivers pure, weightless coverage that blends effortlessly—no white cast, no residue, just a radiant, sun-kissed glow.

Free from harsh propellants, its bag-on-valve technology ensures a silky, seamless application, making sun care feel as elegant and effortless as your skin deserves.

## Clarivine™ - Fasting for skin longevity

**PRODUCT TYPE:** Active, Facial care, Body care

**CATEGORIES:** Active ingredient

**EMAIL:** [info@vytrus.com](mailto:info@vytrus.com)

**WEBSITE:** [www.vytrus.com](http://www.vytrus.com)

CLARIVINE™ is a biotechnology active from Vitis vinifera stem cells. An innovative 100% natural active designed to enhance skin cellular longevity while achieving the desired glass skin.

Its mechanism of action mirrors the benefits of intermittent fasting at cellular level, improving longevity markers and activating the skin's regeneration processes.

Key innovative contributions of CLARIVINE™:

- New fasting-mimicking concept to activate skin's longevity pathways.
- Reduces lipofuscin and melanin (aging pigments) for brighter, even-toned skin.
- Plant Fasting Factors (resveratrol, biopeptides, and other compounds) encapsulated in natural exosomes for optimal efficacy.

## WKPep®Caffytide S

<b>PRODUCT TYPE:</b>	Active, Facial care
<b>CATEGORIES:</b>	Active ingredient
<b>EMAIL:</b>	<a href="mailto:melody@winkey-china.com">melody@winkey-china.com</a>
<b>WEBSITE:</b>	<a href="http://www.winkey-china.com">www.winkey-china.com</a>

WKPep®Caffytide S is a patented innovative peptide that combines an ECM-boosting Hexapeptide with the natural antioxidant caffeic acid.

Developed using advanced CADD and Peptide Drug Conjugate technologies, it offers exceptional skin rejuvenation benefits, reducing the appearance of wrinkles and enhancing overall skin tone and smoothness.

This unique peptide works by targeting MMP2, the enzyme responsible for collagen breakdown, helping to preserve and stimulate the production of essential skin proteins—collagen types I, III, IV, and laminin. Coupled with its potent antioxidant properties, it shields the skin from oxidative stress caused by UV radiation and pollution, fortifying skin structure.

# Functional

## INGREDIENTS

in-cosmetics®  
global

Presented by:

 KSM-66  
Ashwagandha®

WORLD'S BEST ASHWAGANDHA

# AE CHEMIE, INC. – Beauty Expressed Through Nature

2A11

## AECOTHICK® GKL

<b>PRODUCT TYPE:</b>	Functional, Facial care, Styling
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Film formers, styling agents, Formulation bases, Emulsifiers, co-emulsifiers
<b>EMAIL:</b>	<a href="mailto:info@aechemie.com">info@aechemie.com</a>
<b>WEBSITE:</b>	<a href="http://aechemie.com/">aechemie.com/</a>

AECOTHICK® GKL is an all-natural thickener, emulsifier, and stabilizer, offering a plant-based alternative to synthetic thickeners like Carbopol. Made from Gum Ghatti, Karaya Gum, and Glycerin, it effectively thickens clear sulfate-free foaming formulations while creating smooth, non-sticky, and non-stringy textures. It works at room temperature, making it easy to use in both hot and cold processes, and is ideal for clear gels and serums.

What Makes AECOTHICK® GKL Special?

- 100% Natural/ Plant Derived Carbopol Replacement
- Creates clear gels & serums at room temperature without neutralization
- Works across a wide pH range (2-11) and is compatible with electrolytes

# AE CHEMIE, INC. – Beauty Expressed Through Nature

## Niacinamide 10% Serum-Using Aeco thick GK-L

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Water	77.2	
B	AE Niacinamide	Niacinamide	10	AE Chemie
C	Aeco thick GK-L	Gum Ghatti, Sterculia Urens Gum & Glycerin	2	AE Chemie
D	AE Glycerin	Glycerin	2.5	AE Chemie
E	Sodium PCA (50% solution)	Sodium PCA	1	
F	AE Sodium Hyaluronate (100% powder)	Hyaluronic Acid	1	AE Chemie
G	Dimethyl Isosorbide	Dimethyl Isosorbide	5	
H	AE Preserve PX82	Musa Sapientum (Banana) Leaf/Trunk Extract	1.3	AE Chemie

### Procedure

1. Charge A in a clean, sanitized vessel.
2. Add B and mix until full dissolved.
3. Add C, D, E, F, G, H, one by one with mixing.
4. Let it fully mix to finalize your formula.

### Properties

Appearance: Clear Viscous serum  
Viscosity: 85,400cps (as is @25C, Spindle 07 @20rpm)  
Brookfield Viscometer RVDV-I Prime  
pH: 5.3

## RESIFA™ SUNSPHERE SLT-20

<b>PRODUCT TYPE:</b>	Functional, Lip products, Facial products
<b>CATEGORIES:</b>	Bulking, binding, anti-caking agents, Microspheres, delivery systems, Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:agcce.marketing@agc.com">agcce.marketing@agc.com</a>
<b>WEBSITE:</b>	<a href="http://agcce.com/">agcce.com/</a>

The key benefits of RESIFA™ SUNSPHERE SLT-20 (INCI: Silica):

- Moist texture without the dry feeling characteristic of silica
- Naturally origin index of 1 (according to ISO 16128)
- Alternative to microplastic beads

The Cheeks & Lips Radiance with RESIFA™ SUNSPHERE SLT-20 is a multifunction stick for lips and cheeks. This minimalist formula contains ingredients >98% from natural origin according to ISO 16128.

Usage:

Apply the stick on your lips and/or cheeks. Massage with fingertips on your cheek to develop the desired colour.

Discover our latest formulation concept "a world of feeling" on our booth 11F50.

# AGC Si-Tech

## Cheeks & Lips Radiance with RESIFA SUNSPHERE SLT 20

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Caprylis	Caprylic/Capric Triglycerides	14.00	Aroma Zone
	Huile végétale pépins de raisin	Vitis vinifera seed oil	16.00	Aroma Zone
	Nafol 1618	Cetearyl Alcohol	5.00	Sasol Chemicals
	JD Jojoba Colorless Butter	Hydrogenated Vegetable oil (and) Cera Alba (and) Simmondsia Chinensis Seed Oil	20.00	Jojoba Desert
	Cire d'abeille jaune	Cera Alba	5.00	Aroma Zone
	Cire de riz	Rice (Oriza sativa) bran wax	5.00	Aroma Zone
	Tegosoft CR MB	Cetyl Ricinoleate	8.00	Adara
Vitamin E	Tocopherol	0.50	Jojoli	
B	NWD-7336 Red Iron Oxides	Heptyl Undecylenate (and) Hydrogenated Rapeseed Oil (and) Iron Oxides (CI77491)	2.50	Sun Chemical
	NWD-8462 Titanium Dioxide	Heptyl Undecylenate (and) Hydrogenated Rapeseed Oil (and) Titanium Dioxide (CI 77891)	2.00	Sun Chemical
	Mica Rose Blush	Mica, Titanium Dioxide, Iron Oxide CI77491, Tin Oxide	2.00	Aromat'Easy
	RESIFA SUNSPHERE SLT 20	Silica	20.00	AGC

### Procedure

1. Weigh and heat phase A up to 85°C.
2. Add ingredients of phase B into A under heating & stirring at 6000 rpm with rotor stator Ika Ultra Turrax T18 digital workhead S18N-10G.
3. Heat-up again to 85°C.
4. Pour the bulk into the packaging or mould.
5. Cool the bulk for 5min at room temperature until turning it solid.
6. Incubate the bulk in the freezer at -18°C for 15min.

### Properties

Appearance: Shiny red stick

Stability: 2 months at room temperature & 40°C (on-going)

## Naturelyn DP 60

<b>PRODUCT TYPE:</b>	Functional, Protection, After sun
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Film formers, styling agents, UV filters, SPF boosters, Waxes, structuring agents, elastomers, Formulation bases
<b>EMAIL:</b>	<a href="mailto:agnieszka.stankiewicz@aiglon.eu">agnieszka.stankiewicz@aiglon.eu</a>
<b>WEBSITE:</b>	<a href="http://www.aiglon.eu">www.aiglon.eu</a>

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Universal bio-based oil thickener  
Naturality Index= 1 (ISO 16128)  
Readily Biodegradable  
100% Natural

- Film forming
- SPF boosting & water resistant for solar protection
- Efficient gelling agent at low concentration

## SmartArrow

<b>PRODUCT TYPE:</b>	Functional, Body care, Facial care
<b>CATEGORIES:</b>	Anti-microbial agents, Microspheres, delivery systems
<b>EMAIL:</b>	Boonchong@arrowbiome.com
<b>WEBSITE:</b>	www.arrowbiome.com/

Experience the future of acne care with SmartArrow. Our innovative platform precisely delivers anti-acne active ingredients to the hair follicles where they are most effective. This targeted approach enables similar results with 100 times lower doses of active ingredients

### Key Differentiators:

- Precision Targeting: Directly delivers active ingredients to *C. acnes*, ensuring maximum efficacy while preserving beneficial skin bacteria.
- High Efficacy with Low Doses: Achieves the same antibacterial results as conventional treatments using 100 times less active ingredient, while maintaining long-term treatment effectiveness.
- Sustainable Skincare Innovation: Optimizes ingredient use, reducing chemical exposure and minimizing irritation and side effects.

# ArrowBiome Pte. Ltd.

## SmartArrow

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Water	87.33	
	Salt	Sodium Chloride	2	
	HEPES	Hydroxyethylpiperazine Ethane Sulfonic Acid	0.5	
B	TCEP (tris(2-carboxyethyl)phosphine)		0.05	
C	PLGA particles	Lactic Acid/Glycolic Acid Copolymer	0.08	ArrowBiome
	Benzoyl peroxide	Benzoyl peroxide	0.02	ArrowBiome
	SmartArrow peptide	sr-phage polypeptide-2	0.02	ArrowBiome
D	Glycerin	Glycerin	10	

### Procedure

1. Mix phase A and adjust the pH level to 7
2. Add in phase B and stir under medium stirring for 2 mins
3. Add in phase C and stir under low stirring for 2 hours at room temperature
4. Add in phase D and stir under medium stirring until homogeneous
5. Keep it at 4 degree Celsius for extended shelf life.

### Properties

pH 7, low viscosity, slightly opaque and odor-less solution  
localized and targeted benzoyl peroxide release, non-drying,  
microbiome-friendly

## Geomulse™ O3 Lipstick Concept

<b>PRODUCT TYPE:</b>	Functional, Lip products
<b>CATEGORIES:</b>	Emulsifiers, co-emulsifiers
<b>EMAIL:</b>	<a href="mailto:sam.collier@arxada.com">sam.collier@arxada.com</a>
<b>WEBSITE:</b>	<a href="http://www.arxada.com/en">www.arxada.com/en</a>

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- Provides superior performance for both true color and shine compared to industry benchmarks
  - Addresses consumer needs for naturality, mildness on skin, moisturization, and luxurious aesthetics
  - Benefits the formulator by reduction the potential of syneresis and blooming and allowing the creation of multifunctional color cosmetics

## texturpure™ sa-2 ingredient

<b>PRODUCT TYPE:</b>	Functional, Cleansing, shampoos, Bath and shower, scrubs
<b>CATEGORIES:</b>	Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:aclay@ashland.com">aclay@ashland.com</a>
<b>WEBSITE:</b>	<a href="http://www.ashland.com/texturpuresa-2">www.ashland.com/texturpuresa-2</a>

Texturpure™ sa-2 ingredient is the next-generation biodegradable texturing and suspension agent for hair and body care. It has been designed to replace synthetic ingredients like acrylate-based polymers without sacrificing performance. Brands can create indulgent, eco-conscious products that meet consumer demands while reducing their environmental impact.

- Exceptional performance: lasting suspension of oils and actives, even in sulfate-free systems, without compromising viscosity.
- Luxurious sensory touch: rich texture, creamy foam, and smooth glide.
- Sustainability excellence: >86% naturality (ISO 16128), inherent biodegradable, produced in Europe.
- Effortless formulation: 100% active, cold-processable, energy-efficient. No neutralization step, salt tolerance.
- Cost effectiveness

# Ashland

## texturpure™ sa-2 ingredient

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Aqua	q.s. to 100%	Local
	Disodium EDTA	Disodium EDTA	0.15	Local
	texturpure™ sa-2 ingredient	Hydroxypropyl Methylcellulose (and) Cellulose Gum (and) Xanthan Gum	0.5	Ashland
	Sodium Hydroxide (30%)	Sodium Hydroxide	pH > 8.5	Local
B	Deionized Water	Aqua	10	Local
	N-Hance™ 3215 conditioning polymer	Guar Hydroxypropyltrimonium Chloride	0.3	Ashland
C	Iselux LQ-CLR-SB	Sodium Lauroyl Methyl Isethionate	20	Innospec
	cerasynt™ IP stearate ester	Glycol Stearate (and) Stearamide AMP	1	Ashland
	Lumerol K 5019	Disodium Laureth Sulfosuccinate (and) Sodium Lauryl Sulfoacetate	8	Zschimmer & Schwarz
	Cocamidopropyl Betaine (30%)	Cocamidopropyl Betaine	8	Local
D	Perfume Petale Blanche	Parfum	0.3	Firmenich
	optiphen™ 200 preservative	Phenoxyethanol (and) Caprylyl Glycol	1	Ashland
E	Citric Acid	Citric Acid	q.s.	Local
			100.00%	

### Procedure

1. texturpure™ sa-2 is ideally added at the beginning of the method to ensure that the ingredient is completely hydrated before adding additional ingredients
2. Add texturpure™ sa-2 to room temperature water with good mixing. texturpure™ sa-2 tolerates heating for short periods
3. Mixing until polymer is fully dissolved and a smooth solution texture is observed, (typically 20-30 mins)
4. High speed homogenizer is suitable to decrease mixing time.
5. This formula has passed 3-month accelerated lab stabilities and a 28-day challenge efficacy test

## CALYCARE GEL 100

<b>PRODUCT TYPE:</b>	Functional, Protection, Facial care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:emmanuel.delhomme@calyxia.com">emmanuel.delhomme@calyxia.com</a>
<b>WEBSITE:</b>	<a href="http://www.calyxia.com">www.calyxia.com</a>

CalyCare Gel 100 is a unique readily biodegradable oil-phase gelling powder, which offers exceptional versatility in cosmetic formulations.

Composed of microspheres with remarkable swelling properties, CalyCare Gel 100 has a strong affinity for oils, fragrances and alcohols, enabling a wide range of textures - from gelled oil to waxy.

Its ability to structure the oil phase without requiring high temperature or shear makes it an ideal choice for innovative, sensorial formulations.

CalyCare Gel 100 enhances texture and sensoriality, while maintaining excellent stability, for innovative cosmetic formulations.

Cold processable / Biodegradable / New Textures

## EcoBeads™ CF

<b>PRODUCT TYPE:</b>	Functional, Cleansing, shampoos, Facial care
<b>CATEGORIES:</b>	Physical exfoliants, scrubs
<b>EMAIL:</b>	<a href="mailto:beauty@cargill.com">beauty@cargill.com</a>
<b>WEBSITE:</b>	<a href="http://www.cargillbeauty.com">www.cargillbeauty.com</a>

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EcoBeads™ CF nature-derived, biodegradable scrubbing beads are suitable for daily use to achieve brighter, more radiant skin. EcoBeads™ CF have been shown to be less disruptive to skin barrier function than other exfoliants without losing performance.

EcoBeads™ CF come standard with multiple sized spherical beads falling in a range of 100 -1,000 microns and come in 15 standard colors to choose from.

## Aristoflex™ SUN

<b>PRODUCT TYPE:</b>	Functional, Protection, Facial care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:riley.cohen@clariant.com">riley.cohen@clariant.com</a>
<b>WEBSITE:</b>	<a href="http://www.clariant.com/beauty">www.clariant.com/beauty</a>

Aristoflex™ SUN is an innovative rheology modifier specifically engineered to elevate sun care formulations. This unique polymer system delivers three key benefits.

- Outstanding formulation stability - provides excellent stabilizing power with superior compatibility with UV filters, ensuring long-term formulation integrity.
- Proven SPF boosting effect - demonstrates significant enhancement of SPF values, optimizing the effectiveness of sun protection formulations.
- Enhanced sensory profile - creates luxurious textures with smooth spreading properties and an elegant skin feel.

## Nipaguard SCE VITA

<b>PRODUCT TYPE:</b>	Functional, Facial care, Cleansing, shampoos
<b>CATEGORIES:</b>	Preservatives, preservative boosters
<b>EMAIL:</b>	riley.cohen@clariant.com
<b>WEBSITE:</b>	<a href="http://www.clariant.com/en/Business-Units/Care-Chemicals/Personal-Care/Cosmetic-Preservation/Next-generation-Nipaguard">www.clariant.com/en/Business-Units/Care-Chemicals/Personal-Care/Cosmetic-Preservation/Next-generation-Nipaguard</a>

Nipaguard SCE VITA is a powerful, modern solution that enhances modern product protection while aligning with consumer expectations for safety and sustainability.

Based on 100% renewable Sorbitan Caprylate and synergistically combined with 100% natural benzoic acid Nipaguard SCE VITA represents an innovative modern preservation system which empowers cosmetic formulators to create next-generation formulations that strike the perfect balance between efficacy, safety, and environmental responsibility.

## Cola®Quat SME DG

<b>PRODUCT TYPE:</b>	Functional, Perfumes & Fragrances, Antiperspirant, deodorant
<b>CATEGORIES:</b>	Fragrance ingredients, masking agents, Conditioning agents
<b>EMAIL:</b>	dennis@colonialchem.com
<b>WEBSITE:</b>	colonialchem.com/products/colaquat-sme-dg/

Cola®Quat SME DG is a cationic surfactant designed to neutralize a wide range of odors. The ingredient functions by complexing or neutralizing specific organic molecules and reducing their concentration in the vapor phase. Its low use level and compatibility in a wide variety of vehicles makes it ideal for consumer deodorant applications and product forms.

- New, highly concentrated version of Soyethyl Morpholinium Ethosulfate in nonaqueous solvent
- Highly effective at low use rate
- Multifunctional ingredient with added skin or hair conditioning properties

# Colonial Chemical, Inc

## #1077 Deodorizing Hair Oil

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Cetiol Ultimate	Undecane (and) Tridecane	60.00	BASF
B	Cetiol C 5	Coco-Caprylate	22.30	BASF
C	Myritol 331 N	Coco-Glycerides	15.00	BASF
D	Cola®Quat SME DG	Soyethyl Morpholinium Ethosulfate (and) Dipropylene Glycol	1.50	Colonial Chemical
E	Argan Oil	Argania Spinosa Kernel Oil	1.00	Jan Dekker
F	Rosemary Oil	Rosmarinus Officinalis Leaf Oil	0.20	Orchidia Fragrances

### Procedure

1. Combine ingredients in order.
2. Mix until clear and uniform.

### Properties

Appearance: Clear Liquid

pH (1%): 3.5 - 4.5

Viscosity (LV1, 50 rpm): < 50 cP

## DEXCARE™ CD-2 Polymer

<b>PRODUCT TYPE:</b>	Functional, Conditioning, Cleansing, shampoos
<b>CATEGORIES:</b>	Conditioning agents
<b>EMAIL:</b>	amay1@dow.com
<b>WEBSITE:</b>	<a href="http://www.dow.com/personalcare">www.dow.com/personalcare</a>

DEXCARE™ CD-2 Polymer delivers formulators with a high performing low viscosity ingredient to utilize for deposition or conditioning needs. Its dextran backbone made via bio-fermentation gives eco-conscious formulators the best combination of sustainability and performance on different hair types. This versatile material is compatible with a wide range of surfactants, thickeners and conditioning agents. Its main benefits are:

- Reduced coefficient of friction and enhanced combing
- Liquid format easy to use with hot or cold processing
- Inherent ultimate biodegradable (OECD 302B) with over 80% biobased content

# Dow

## Shower bliss \_ Shampoo (CPF 1003706)

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Water/ Aqua	58.08	
	Calfoam ES- 301 (30%)	Sodium Laureth Sulfate	30.00	Pilot Chemical
	DEXCARE™ CD-2 Polymer	Dextran Hydroxypropyl-trimonium/Laurdimonium Chloride	1.12	Dow
	VERSENE™ 220 Crystals Chelating Agent	Tetrasodium EDTA	0.20	Dow
B	Crothix	PEG-150 Pentaerythrityl Tetrastearate	0.80	Croda
	Incromide CMEA	Cocamide MEA	1.00	Croda
C	Cocamidopropyl Betaine (30%)	Cocamidopropyl Betaine	6.30	Making Cosmetics
D	DOWSIL™ 979 Emulsion	Amodimethicone (and) C11-15 Alketh-12 (and) C11-15 Alketh-7	2.00	Dow
	Euxyl PE 9010	Phenoxyethanol and Ethyl-hexylglycerin	0.50	Ashland

### Procedure

1. Add phase A ingredients to water and start heating to 70°C while stirring.
2. Add phase B ingredients in order listed. Mix for an additional 10 mins. and then start cooling down to room temperature
3. While stirring, add phase C ingredient and mix for 3 min.
4. When temperature is below 40°C, add phase D ingredients and adjust to pH 5.5. Mix for an additional 10 mins.

# Eastman

# 1A110

## Eastman Esmeri™ CC1N10

<b>PRODUCT TYPE:</b>	Functional, Facial products, Lip products
<b>CATEGORIES:</b>	Drying, mattifying, anti-tack agents
<b>EMAIL:</b>	<a href="mailto:anna.sangregorio@eastman.com">anna.sangregorio@eastman.com</a>
<b>WEBSITE:</b>	<a href="http://www.eastman.com/personalcare">www.eastman.com/personalcare</a>

Discover the difference with Eastman Esmeri™ CC1N10, our new biodegradable cellulose ester micropowder!

With over 80 years of expertise in cellulosic technology, our innovative ingredient, derived from 63% sustainable wood pulp, is specifically designed for various color cosmetics formulations while being environmentally responsible. Our product provides the following benefits:

- Long-lasting soft-focus properties
- Enhanced texture and sensory experience
- A natural matte finish

We invite you to visit our makeup bar to experience the amazing effects of Esmeri CC1N10 firsthand!

biodegradable per regulation (EU) 2023/2055 "Synthetic Polymer Microparticles"  
Group 2 compliance

## SynCrystal® Platinum

<b>PRODUCT TYPE:</b>	Functional, Lip products, Eye products
<b>CATEGORIES:</b>	Colourants, dyes, pigments
<b>EMAIL:</b>	<a href="mailto:paloma.moyadelvalle@altana.com">paloma.moyadelvalle@altana.com</a>
<b>WEBSITE:</b>	<a href="http://www.eckart.net">www.eckart.net</a>

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SynCrystal® Platinum surprises with the optical appearance of a silver metallic pigment while being completely mineral based.

A unique combination for unmatched formulation flexibility:

- Intense metallic effects: Either pure in silver or combined with other pearls or colorants to create colorful metallic effects
- Water-stable, high covering and suitable for the lip area
- No Metals. No added colorants. No microplastic.

## SynCrystal® Very Berry

<b>PRODUCT TYPE:</b>	Functional, Eye products, Lip products
<b>CATEGORIES:</b>	Colourants, dyes, pigments
<b>EMAIL:</b>	TechnicalServiceCosmetics.ECKART@altana.com
<b>WEBSITE:</b>	<a href="http://www.eckart.net">www.eckart.net</a>

SynCrystal® Very Berry, is ECKART's new carmine-free pink effect pigment to achieve the typical carmine shade of pink

As the name suggests, SynCrystal® Very Berry shines in an intense pink color with a delicious berry note. Its intense color, excellent coverage and brilliant shine are the result of combining ECKART's innovative technologies.

## EBITouch®

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Formulation bases
<b>EMAIL:</b>	<a href="mailto:d.hermouet@hubebi.com">d.hermouet@hubebi.com</a>
<b>WEBSITE:</b>	<a href="http://www.ebi-edu.com/recherche-ecole-ingenieurs-biologie/panel">www.ebi-edu.com/recherche-ecole-ingenieurs-biologie/panel</a>

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An international reference in texture analysis which allows a visual-tactile evaluation of skin-applied products. Thanks to the definitions for each sensory attribute, R&D and marketing teams are able to characterize their products on the basis of a common standardized language. Moreover, maximum and minimum references allow a very precise quantitative assessment of each sensory attribute.

## BENTONE® ULTIMATE

<b>PRODUCT TYPE:</b>	Functional, Facial products, Eye products
<b>CATEGORIES:</b>	Preservatives, preservative boosters, Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:info@elementis.com">info@elementis.com</a>
<b>WEBSITE:</b>	<a href="http://www.elementis.com/markets-and-products/personal-care/personal-care/">www.elementis.com/markets-and-products/personal-care/personal-care/</a>

With natural activation and higher clay concentration for lower use levels, the new BENTONE® ULTIMATE series delivers ultimate efficiency, flexibility, and versatility in formulations.

- Patent-pending technology
- Mild activation: a fully naturally-derived skin conditioning agent
- Enhanced suspension of pigments, particles and actives

# Elementis

## Fresh purple cream eyeshadow

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Isododecane	17.50	
	BENTONE® ULTIMATE ISD	Isododecane (and) Disteardimonium Hectorite (and) Glyceryl Oleate	7.00	Elementis
B	Harmonie™ Luxe-4	Silica	10.00	Momentive
	FANCOL® POLYISO® 450-CG	Hydrogenated Polyisobutene	2.50	Elementis
	Pelemol GTB	Tribehenin	5.00	Phoenix Chemical, Inc.
	N.F. SP-422P	White Beeswax Pastilles	2.50	Strahl & Pitsch
C	DOWSIL™ FC-5002 IDD Resin Gum	Isododecane (and) Trimethylsilyloxysilicate/Dimethiconol Crosspolymer	20.00	Dow
	Flamenco® Super Pearl	Mica (and) Titanium Dioxide	5.00	Sun Chemical
	SunCROMA®	Manganese Violet	10.00	Sun Chemical
	KOBOMICA S-25	Mica	5.00	Kobo
D	Reflecks™ MultiDimensions Transforming Sapphire	Calcium Sodium Borosilicate (and) Silica (and) Titanium Dioxide	5.00	Sun Chemical
E		Dehydroacetic Acid (and) Benzyl Alcohol	0.50	Making Cosmetics

### Procedure

1. Combine Phase A and mix until fully dispersed
2. Add Phase B ingredients one at a time to Phase A and heat to 65°C.
3. Combine Phase C and speed mix until fully dispersed
4. Add Phase C to A/B and begin cooling while mixing
5. Add Phase D to A/B/C with mixing
6. At below 40°C, add Phase E
7. Cool to room temperature and package

### Properties

Appearance: Purple paste

# ERCA Wilmar Cosmetic Ingredients 1E150

## WISOL SPF BOOSTER

<b>PRODUCT TYPE:</b>	Functional, Protection, Facial care
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:b.furlotti@it.erca-wilmar.com">b.furlotti@it.erca-wilmar.com</a>
<b>WEBSITE:</b>	<a href="http://www.erca-wilmar.com/">www.erca-wilmar.com/</a>

Introducing WISOL SPF Booster, a 100% plant-based, biodegradable polymer that improves SPF performance by up to 3x. With WISOL, calculated SPF values for both organic and inorganic filters showed an up to 3x performance compared to formulations without. Made with our patented Nobel prize winning technology, this vegan SPF Booster enhances uniform UV dispersal, thereby increases SPF performance in both oil and water-based formulations.

Compatible with both organic and inorganic filters, WISOL SPF Booster helps achieve stronger sun defense, while optimising filter formulation cost and safety benefits. A winner for performance, cost, environment, and safety.

# ERCA Wilmar Cosmetic Ingredients

## Velvet Glow BB Cream SPF 50+

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionised Water	Aqua	qs	
	WILFARIN USP-997	Glycerin	3	Wilmar
	Succinoglycan	Succinoglycan	0.4	
B	Ethylhexyl Methoxycinnamate	Ethylhexyl Methoxycinnamate	6	
	Ethylhexyl Salicylate	Ethylhexyl Salicylate	4	
	Titanium Dioxide	Titanium Dioxide	4	
	Butyl Methoxydibenzoylmethane	Butyl Methoxydibenzoylmethane	3	ErcaWilmar
	ERCAREL DOE V MB	Dicaprylyl Ether	3	ErcaWilmar
	ERCAREL AB	C12-15 Alkyl Benzoate	3	
	WILSOL SPF BOOSTER	Hydrogenated Soy Polyglycerides (and) C15-23 Alkane	4	ErcaWilmar
	ERCAREL CAP V MB	Coco -caprylate/caprate	2	ErcaWilmar
	ERCAWAX CE V MB	Glyceryl Stearate Citrate	2	ErcaWilmar
	ERCAGREEN 3 S MB	Polyglyceryl-3 Stearate	1	ErcaWilmar
	ERCASORB TO V	Sorbitan Trioleate	1	ErcaWilmar
	CI 77492	CI 77492	0.6	
	CI 77491	CI 77491	0.1	
CI 777891	CI 777891	5		
C	Phenoxyethanol (and) Decylene Glycol (and) 1,2-Hexanediol	Phenoxyethanol (and) Decylene Glycol (and) 1,2-Hexanediol	1.4	
	Acrylates/Beheneth-25 Methacrylate Copolymer	Acrylates/Beheneth-25 Methacrylate Copolymer	0.3	
	20% Sodium Hydroxide Solution	20% Sodium Hydroxide Solution	qs	
	Fragrance		0.5	

### Procedure

1. Beaker A: Disperse (3) into (2), ensure well dispersed then slowly add (1) while occasionally stir with a spatula to make a homogenous mixture.
2. Beaker B: Add Part B. Heat both beaker A and B until everything has dissolved.
3. Homogenise Beaker B for 1 minute.
4. Pour contents of beaker B slowly into A using homogeniser. Homogenise for 3-4 minutes.

5. Stir mixture using overhead stirrer to cool and add Part C.

### Properties

Appearance: Skin tone opaque viscous liquid

pH: 7.08

Viscosity: 90,000-100,00 mPa·s (10rpm, RV-7)

Stability: 50°C (1 month), 40°C (3 months), RTP - Stable

## Activated Silk™ Hydrogels

<b>PRODUCT TYPE:</b>	Functional, Facial care, Conditioning
<b>CATEGORIES:</b>	Humectants, Emulsifiers, co-emulsifiers, Rheology modifiers, thickeners, Microspheres, delivery systems
<b>EMAIL:</b>	<a href="mailto:raquel.mirabent@evolvedbynature.com">raquel.mirabent@evolvedbynature.com</a>
<b>WEBSITE:</b>	<a href="http://bioactives.evolvedbynature.com">bioactives.evolvedbynature.com</a>

Natural hydrogels for powerful skincare and haircare efficacies thanks to their profound ability to bind water, bind oil and bind to keratin. Taking the idea of multi-function ingredients to a new level of innovation, Activated Silk™ Hydrogels maximize biochemistry and provide emulsification for advanced hydration, repair, and formula functionality, while binding to skin and hair—allowing for delivery in rinse-away formulas such as cleansers, shampoos, washes and conditioners.

- Humectant power of high molecular weight HA—no stickiness
- For hair—powerful split end repair, anti-frizz, curl retention and more.
- PEG/palm-free emulsifier, with luxurious sensoriality and exosomal delivery of actives.

## RHEANCE® D50

<b>PRODUCT TYPE:</b>	Functional, Cleansing, shampoos, Facial care
<b>CATEGORIES:</b>	Solubilizers, dispersing agents, Surfactants, foaming agents, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:personal-care@evonik.com">personal-care@evonik.com</a>
<b>WEBSITE:</b>	<a href="https://evonik.click/personalcare">evonik.click/personalcare</a>

RHEANCE® has these key benefits:

- Alternative Feedstocks: Sustainable raw materials driving eco-friendly cosmetics.
- Vegan & Cruelty-free: Expanding market launches in natural and compassionate beauty.
- Biotechnology: Advanced fermentation shaping future cosmetic formulations

## Galguard® Prebiotic

<b>PRODUCT TYPE:</b>	Functional
<b>CATEGORIES:</b>	Preservatives, preservative boosters, Anti-microbial agents
<b>EMAIL:</b>	<a href="mailto:customerenquiry@galaxysurfactants.com">customerenquiry@galaxysurfactants.com</a>
<b>WEBSITE:</b>	<a href="http://www.galaxysurfactants.com">www.galaxysurfactants.com</a>

Galguard® Prebiotic is a 100% green antimicrobial preservative for personal care products. Chemically, it is N-capryloyl L-glutamine & is manufactured in pure form by Green Chemistry. Derived from bio-renewable sources like caprylic acid (vegetable oils) and L-glutamine (fermentation), it is biodegradable and cold-processable.

- Exhibits a wide spectrum of antimicrobial activity across pH 4.0 to 7.0.
- Prebiotic - Selectively targets pathogenic bacteria (*S. aureus*) while being gentle on commensal bacteria (*S. epidermidis*), supporting skin microbiota.
- Especially suitable for formulations addressing eczema, acne, dandruff, and body odor.

## Gransense TC-55X/C

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Waxes, structuring agents, elastomers
<b>EMAIL:</b>	<a href="mailto:nbedford@grantinc.com">nbedford@grantinc.com</a>
<b>WEBSITE:</b>	<a href="http://www.grantinc.com">www.grantinc.com</a>

Gransense® TC-55X/C is a next-generation bio-based elastomer designed to deliver a luxurious, velvety skin feel while meeting the growing demand for sustainable beauty solutions. As a biodegradable alternative to traditional silicone elastomer gels, it enhances sensorial aesthetics without compromising performance. Its unique structure allows for exceptional oil compatibility and formulation versatility, making it ideal for a wide range of skincare and cosmetic applications.

### Key Features:

- Patented Natural Elastomer – Derived from bio-based materials for sustainability
- Velvety Skin Feel – Soft, substantive cushiony texture for anti-aging applications
- Versatile Formulation Compatibility – Works in oil-in-water, water-in-oil, and anhydrous systems.

# Guangzhou Tinci Materials Technology Co., Ltd.

2B71

## Bio-CARBOMER 380

<b>PRODUCT TYPE:</b>	Functional, Bath and shower, scrubs, Cleansing, shampoos
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Formulation bases
<b>EMAIL:</b>	<a href="mailto:sales@tinci.com">sales@tinci.com</a>
<b>WEBSITE:</b>	<a href="http://www.tinci.com">www.tinci.com</a>

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Pure & Safe: From renewable sources, benzene-free, eco-friendly and safe to use.

Efficient: Achieves high thickening suspension performance with minimal use, ensuring a smooth texture.

Versatile: Short rheology, widely used in different scenarios.

Sustainable: Bio-based renewable carbon>90%, ISCC+ certification.

## PO<sub>x</sub>-PCL

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Emulsifiers, co-emulsifiers, Conditioning agents, Formulation bases, Emollients, lipids, petrolatum, Humectants
<b>EMAIL:</b>	<a href="mailto:hnaoverseas@gmail.com">hnaoverseas@gmail.com</a>
<b>WEBSITE:</b>	<a href="http://www.10-9.co.kr">www.10-9.co.kr</a>

We developed Pox-PCL raw materials as an alternative to PEG derivatives using Polyethyloxazoline (Pox) as a hydrophilic block and Polycaprolactone (PCL) as a hydrophobic block.

Polyethyloxazoline is an ideal cosmetic ingredient because it is less irritating, has excellent moisturizing properties, and is highly biodegradable. When applied to skin care formulations, it improves skin adhesion and absorption, thereby improving efficacy.

Pox-PCL exhibits self-assembling properties, forming an excellent thin film at interfaces, which enhances the stability of cosmetic formulations when applied.

Using Pox-PCL as a raw material enables the development of surfactant-free, PEG-free cosmetic formulations with high skin compatibility and enhanced absorption.

## HallSens™ DIAS

<b>PRODUCT TYPE:</b>	Functional, Body care, Conditioning
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Bio-fermentation ingredients
<b>EMAIL:</b>	scardinali@hallstar.com
<b>WEBSITE:</b>	www.hallstarbeauty.com

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Consumers increasingly seek cosmetics with a light, low-viscosity aesthetic – attributes delivered typically by silicones. New HallSens™ DIAS is a 100% natural-derived emollient that delivers lightweight and easily spreadable textures while possessing a favorable sustainability profile.

HallSens™ DIAS enhances efficacy of sunscreen products through filter solvency and mineral dispersancy, and has multi-functional benefits for hair, skin, and make-up applications.

- Its outstanding sustainability profile includes low product carbon footprint, >67% upcycled content, and raw materials produced through fermentation processes
- Delivers a uniquely light, weightless skin-feel
- Boasts a highly spreadable aesthetic to cosmetics, similar to cyclomethicone

# Hallstar Beauty

## Sunsationally Smooth and Silky Sunscreen Stick

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Diethylamino Hydroxybenzoyl Hexyl Benzoate	8.00%	
		Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	4.00%	
		Ethylhexyl Triazone	4.00%	
	SolaStay® S1	Ethylhexyl Methoxycrylene	3.00%	Hallstar
	HallSens™ DIAS	Diisoamyl Succinate	54.75%	Hallstar
	BIOME Oléoactif®	Simmondsia Chinensis (Jojoba) Seed Oil (and) Avena Sativa (Oat) Kernel Oil (and) Bacillus Ferment	1.00%	Hallstar
	Biochemica® Vitamin E Natural	Tocopherol	0.25%	Hallstar
B		Polyamide-8	25.00%	
			100.00%	

### Procedure

1. Add Phase A to the main vessel, start center-stir (prop) mixing and heat to 90 - 100°C.
2. Add Phase B to Phase A and mix until uniform and clear to make sure phase B is totally dissolved.
3. Start cooling with mixing until 75°C. Stop mix and filling into containers.

## Olivem® Essenza

<b>PRODUCT TYPE:</b>	Functional, Emulsifiers, co-emulsifiers
<b>CATEGORIES:</b>	Moisturizing, hydrating
<b>EMAIL:</b>	<a href="mailto:anna.delia@hallstar.com">anna.delia@hallstar.com</a>
<b>WEBSITE:</b>	<a href="http://www.hallstarbeauty.com">www.hallstarbeauty.com</a>

This oil-in-water, natural-derived emulsifier is designed to serve as the core pillar of an emulsion – i.e., the material that will define the key characteristics of the formulation. It is COSMOS and NaTrue-approved, and available as Olivem® Essenza G for China compliance.

HallSens DIAS has demonstrated hydration benefits in vivo and a light sensoriality ideal for gender-neutral applications.

# Hallstar Beauty

## Essential Face Serum

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Water (Aqua)	85.2%	
		Glycerin	3.0%	
		Bentonite, Xanthan Gum	1.0%	
		Xanthan Gum	0.3%	
		Trisodium Ethylenediamine Disuccinate (37% active)	0.3%	
B	Olivem® Essenza		3.0%	Hallstar
	Biochemica® Sweet Almond Oil	Prunus Amigdalus Dulcis (Sweet Almond) Oil	2.0%	Hallstar
		Caprylic/Capric Triglycerides	2.0%	
	Sensolene® Light ET	Ethyl Olivata, Olea Europaea (Olive) Leaf Extract	2.0%	Hallstar
C	Biochemica® Vitamin E	Tocopherol	0.2%	Hallstar
		Benzyl Alcohol (and) Ethylhexyl-glycerin (and) Tocopherol	1.0%	

### Procedure

1. In the main vessel prepare phase A, heat it up to 80-85°C and disperse the thickeners using a suitable dispersion unit (Silverson).
2. In a secondary vessel prepare phase B and heat it up to 75-80°C, stirring with a magnetic stirrer.
3. Add phase B to phase A and homogenize using a suitable dispersion unit (Silverson).
4. Cool down under gentle stirring.
5. Add phase C and homogenize using a suitable dispersion unit (Silverson).

### Properties

Appearance (25°C): Ivory fluid emulsion

pH: 6.00-7.00

Viscosity (20 rpm, Brk, RVDV-E, Sp. 4, after 24h at room temperature, mPa·s): 5000-700

# HANGZHOU RUIJIANG INDUSTRY CO.,LTD

5G121

## RJS-5220 & RJS-9312

<b>PRODUCT TYPE:</b>	Functional, Facial products, Lip products
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Formulation bases, Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:ruicolor05@ruijiangroup.com">ruicolor05@ruijiangroup.com</a>
<b>WEBSITE:</b>	<a href="http://www.ruisilicone.com">www.ruisilicone.com</a>

RJS-5220 is designed for optimized sensory properties and volatility, making it a suitable alternative to D5. It is compatible with most cosmetic solvents and applicable in skincare, sunscreen, makeup, hair care products. This colorless, odorless, and non-toxic material enhances spreadability and provides a smooth, lightweight feel.

RJS-9312 provides a luxurious powdery feel and cushiony texture without balling residue, spreading effortlessly for a smooth and elegant application. Free from D5, it is the perfect alternative to elastomers in D5-based formulations, enhancing sensory appeal and soft-focus effects. Suitable for both emulsions and anhydrous systems, it effortlessly elevates product aesthetics and user experience.

## ImerCare® MicaSilk

<b>PRODUCT TYPE:</b>	Functional, Facial products, Eye products
<b>CATEGORIES:</b>	Drying, mattifying, anti-tack agents, Bulking, binding, anti-caking agents, Formulation bases
<b>EMAIL:</b>	marjorie.salot@imerys.com
<b>WEBSITE:</b>	<a href="http://www.imerys.com/markets/cosmetics-personal-care">www.imerys.com/markets/cosmetics-personal-care</a>

ImerCare® MicaSilk is a mineral solution for make-up powders, which confers a soft touch and matte finish to the skin. Due to its highly lamellar morphology, it is twice as cohesive as standard mica.

ImerCare® MicaSilk provides multiple benefits in all kinds of make-up powder galenic, such as pressed and loose powders:

- Talc-like
- Soft touch
- Matte finish
- Improved cohesion
- COSMOS approved
- Made in France

## Solence TL

<b>PRODUCT TYPE:</b>	Functional, Facial care, Cleansers, soaps
<b>CATEGORIES:</b>	Solubilizers, dispersing agents, Conditioning agents
<b>EMAIL:</b>	valeria.quaranta@innovacos.com
<b>WEBSITE:</b>	www.innovacos.com

Solence™ TL is a naturally derived (NOI-ISO 16128 =1), PEG free, COSMOS approved solubilizer, that can be also cold processable. It enables the creation of clear systems, by effectively incorporating lipophilic substances, such as perfumes, essential oils and active ingredients, into hydrophilic gels and aqueous solutions. In addition, its excellent compatibility with primary surfactants, makes it also an ideal choice for developing cleansing products.

Solence™ TL delivers foam volume comparable to leading market benchmarks while enhancing the appearance of the foam, resulting in a creamier and more visually appealing texture.

# innovacos Corp

## Clear Anti-aging Booster

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		Water (Aqua)	up to 100.00	
		Sodium Hyaluronate	1.50	
B		Glycerin	3.00	
		Propylene Glycol	2.00	
		CI 42051 (0.1% water solution)	0.02	
		CI 47005 (0.1% water solution)	0.05	
C		Propanediol, Hydroxyacetophenone, Caprylyl Glycol	a.n.	
D	Biooptimized™ Guava	Propanediol, Psidium Guajava Leaf Extract, Saccharomyces Lysate Extract	0.50	innovacos
	Plant C-Stem™ Green Tea	Glycerin, Water, Camellia Sinensis Callus Extract	0.50	innovacos
E	Solence™ TL	Polyglyceryl-6 Laurate, Polyglyceryl-10 Laurate	0.60	innovacos
		Parfum	0.20	

### Procedure

1. Prepare phase A and homogenize for a few minutes;
2. Add the ingredients of phase B and continue to homogenize;
3. Add the ingredients of phase C and phase D, under gentle stirring;
4. Prepare phase E, solubilizing the parfum in Solence™ TL;
5. Add phase E to phase A+B+C+D under gentle stirring.

### Properties

VISCOSITY after 24h Brk, RVDV-I Prime, Sp 05, 20 rpm: 10000-15000 cP

pH (100%): 5.0 -7.0

Clear anti-aging serum

Solence™ TL solubilizes the parfum, ensuring a clear and stable formula (ratio Solence™ TL:parfum 3:1). Biooptimized™ Guava boosts the anti-aging effect of Sodium Hyaluronate, making it an ideal eye contour.

## SOFTISAN® 650

<b>PRODUCT TYPE:</b>	Functional, Lip products, Facial care
<b>CATEGORIES:</b>	Film formers, styling agents, Emollients, lipids, petrolatum
<b>EMAIL:</b>	personalcare@ioioleo.de
<b>WEBSITE:</b>	www.ioioleo.de

IOI Oleo introduces a new generation of fully natural film-formers with SOFTISAN® 650, a multifunctional ester interestingly combining a powerful skin-compatible film with a light non-sticky feel. Multi-tested in-vitro and in-vivo for applications in color-care, sun care and skincare, this moisturizing ingredient also delivers skin barrier protection and water resistance for long-lasting performances.

Safe and non-irritating, its caring properties leave the skin nourished and soft, for a flawless look. Natural, vegan and based on renewable resources, it is bound to become formulator's favorite to deliver a film so light, ... it feels natural.

- Innovative patent-pending film-former
- Surprisingly light sensory
- 100% natural

# J. RETTENMAIER & SÖHNE GMBH + CO KG

1A70

## ALGOGEL® RCG 6301

<b>PRODUCT TYPE:</b>	Functional, Facial care, Cleansing, shampoos
<b>CATEGORIES:</b>	Preservatives, preservative boosters, Rheology modifiers, thickeners, Marine extracts
<b>EMAIL:</b>	<a href="mailto:Elisa.Santerre@rettenmaier.eu">Elisa.Santerre@rettenmaier.eu</a>
<b>WEBSITE:</b>	<a href="http://www.jrspersonalcare.com">www.jrspersonalcare.com</a>

Algogel® RCG 6301 is a new carrageenan, combining intrinsically iota fraction and kappa fraction. A 2 in 1 polymer chain that allow flexibility and a great creamy addition to all formulations. Easy to formulate in hot condition, this water-soluble texturizer will enhance both stability and unctuosity.

This biodegradable polymer 100% from natural origin is the perfect candidate for synthetic replacement.

- Creaminess
- Elastic gel
- Stability

## DANOX SLL and DANOX LS-38

<b>PRODUCT TYPE:</b>	Functional, Cleansing, shampoos, Cleansers, soaps
<b>CATEGORIES:</b>	Surfactants, foaming agents
<b>EMAIL:</b>	marketing@kao.es
<b>WEBSITE:</b>	www.kaochemicals-eu.com/

DANOX SLL and DANOX LS-38 are liquid blends of semi-solid anionic and amphoteric surfactants. They facilitate their incorporation in formulations through a cold process, thereby reducing the carbon footprint during manufacturing.

In addition, they offer efficient cleansing, excellent lathering, and extremely mild properties for the skin, making them ideal for cleansing formulations such as shampoos, body washes, face cleansers, and baby care products. These products align with essential sustainability targets, with 89% and 84% NOI respectively.

- Ready to use
- Cold processable
- Sulfate-free/EO-free surfactant blends

## Prodhygel® T

<b>PRODUCT TYPE:</b>	Functional, Facial care, Bath and shower, scrubs
<b>CATEGORIES:</b>	Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:prodhyg@prodhyg.com">prodhyg@prodhyg.com</a>
<b>WEBSITE:</b>	<a href="http://www.prodhyg.com">www.prodhyg.com</a>

Prodhygel® T is a 100% natural origin aqueous gelling agent. It is the result of a sustainable partnership between Prod'Hyg and Inca Oil, a responsible Peruvian company that acts for biodiversity and local populations.

This natural rheology modifier enables medium-to-high viscosity gels at low-percentage. It is COSMOS Approved and China Compliant. It has high suspending power and is highly compatible with electrolytes and surfactants.

Finally, it ensures slippery application with a fresh effect and a velvety, non-sticky feel.

- Ethical and responsible sourcing in Peru
- Efficient at low percentage
- Unique sensoriality: slippery application, velvety & non-sticky feel, fresh effect

## Eucarol® SoFo

<b>PRODUCT TYPE:</b>	Functional, Intimate hygiene, Cleansers, soaps
<b>CATEGORIES:</b>	Bio-fermentation ingredients, Surfactants, foaming agents, Solubilizers, dispersing agents, Emulsifiers, co-emulsifiers
<b>EMAIL:</b>	<a href="mailto:cosmetics@lamberti.com">cosmetics@lamberti.com</a>
<b>WEBSITE:</b>	<a href="http://personalcare.lamberti.com">personalcare.lamberti.com</a>

Eucarol® SoFo is a new revolutionary blend of glycoside-derivatives and glycolipids. This efficient combination offers exceptional cleansing power together with incomparable respect for the skin.

The synergy between glucoside-based surfactants and biotech-derived glycolipids ensures a rich, creamy and ultra-soft foam that enhances the sensory experience. Skin feels soft, nourished, and moisturised during and after use.

Ideal for face and body cleansers, intimate care, and scalp-friendly shampoos, Eucarol® SoFo provides a gentle yet effective cleanse. With a Natural Origin Index of 1 (ISO 16128), Eucarol® SoFo is an eco-conscious choice, delivering high performance while respecting both skin and the environment.

## Carbopol® BioSense polymer

<b>PRODUCT TYPE:</b>	Functional, Facial care, Protection
<b>CATEGORIES:</b>	Rheology modifiers, thickeners
<b>EMAIL:</b>	PersonalCare-Europe@Lubrizol.com
<b>WEBSITE:</b>	<a href="http://www.lubrizol.com/beauty">www.lubrizol.com/beauty</a>

Carbopol® BioSense polymer is a naturally derived rheology modifier and sensory enhancer suitable for formulating from serums to lotions and light creams. It seamlessly integrates an exceptional sensory performance delivering a rich and soft synthetic-like feel with absence of stickiness and peeling improving the undesired sensorial of natural gums. Suitable for Skin Care & Sun Care.

- Low to medium viscosity 500 – 15,000 mPa-s
- Enhanced sensory, softer and richer providing a synthetic-like feel, possible to replace silicone elastomers.
- Strong sustainability profile.

# Lubrizonl

## Blooming Uplifting Contour Eye Cream

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized water		59.71	
	Propanediol		3.00	
	Cellulose gum	Carbopol® BioSense polymer	17.24	Lubrizonl
	Sphingomonas ferment extract	Kelco-care™ diutan gum	0.05	Lubrizonl
B	Potassium cetyl phosphate		0.80	
	Methyl glucose sesquistearate	Glucate™ SS emulsifier	0.50	Lubrizonl
C	Caprylic/capric triglyceride		3.50	
	Butyrospermum parkii butter		2.00	
	Triolein	Algapur™ HSHO algae oil	2.00	Lubrizonl
	Isostearyl hydroxystearate	Schercemol™ SHS ester	2.00	Lubrizonl
	Cetearyl alcohol		1.80	
	Glyceryl stearate		1.30	
D	Water (and) Acetyl Hexapeptide-8 (and) Sodium Benzoate	Argireline® Amplified peptide	2.00	Lubrizonl
	Water (and) Tetrapeptide-1 (and) Caprylyl Glycol	Uplevity™ e-Lift Peptide	2.00	Lubrizonl
	Glycerin, Water (Aqua), Acetyl Tetrapeptide-5	Eyeseryl® peptide solution G	1.00	Lubrizonl
	Phenylpropanol, 1,2-hexanediol		0.90	
	Fragrance		0.20	

### Procedure

1. PART A: Under stirring, add Kelco-care™ diutan gum into water. Mix until uniform. Add Carbopol® BioSense polymer mixing to disperse. Mix until uniform. Add propenediol. Under mixing, start heating to 80-85°C.
2. Add Part B ingredients. Keep mixing until the ingredients are completely melted. Reduce the temperature to 70-75°C.
3. Add Part C ingredients to the mixture of the Parts A+B. Mix until uniform.
4. Transfer the batch to Ultra-Turrax® disperser (IKA) for 1-2 min. at 10,000rpm.

5. Cool down the batch to 45-40°C.
6. Add Part D ingredients one at a time. Mix until uniform.
7. Adjust the pH if necessary.

### Properties

Appearance: medium viscosity white emulsion

pH: 5.0-5.8

Viscosity (mPa-s)\*\*: 8,000-14,000

Yield Value (dyn/cm<sup>2</sup>): 200-400

\*\*Brookfield® RV, DVII+ Viscometer (Brookfield AMETEK, Inc.) spindle #5 @ 20 rpm, 25 °C @ 24 hours

## PemuPur™ VISTA polymer

<b>PRODUCT TYPE:</b>	Functional, Facial care, Protection
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Emulsifiers, co-emulsifiers
<b>EMAIL:</b>	PersonalCare-Europe@Lubrizol.com
<b>WEBSITE:</b>	<a href="http://www.lubrizol.com/beauty">www.lubrizol.com/beauty</a>

PemuPur™ VISTA polymer is a naturally derived polymeric emulsifier capable of providing excellent stabilization that combines performance and sustainability. Its innovative structure ensures that at low use levels it is possible to achieve rich lotions and creams, providing light sensory, softness and absence of stickiness.

- Emulsion stability at low use level, up to 12,000 mPa·s
- Light and soft sensory.
- Naturally derived, biodegradable polymer, suitable for Skin Care, Sun Care, Makeup and Skin Cleansing.

Typical emulsion viscosity with 20% CCTG measured by Brookfield® RV Viscosimeter (20 rpm).

# Lubrizol

## Daily Guard Sun Lotion SPF 15

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized water		71.47	
	Sodium metabisulfite		0.02	
	Undecylenoyl Xanthan Gum	PemuPur™ VISTA polymer	0.40	Lubrizol
	Polyglyceryl-10 laurate		0.30	
	Propanediol		5.00	
B	Tetrasodium glutamate diacetate		0.10	
	Isodecyl Neopentanoate	Schercemol™ 105 Ester	4.00	Lubrizol
	Diisopropyl Sebacate	Schercemol™ DIS Ester	2.00	Lubrizol
	Dimethylmethoxy chromanol		0.01	
	Octocrylene		6.00	
	Butyl Methoxydibenzoylmethane		3.00	
C	Ethylhexyl Salicylate		5.00	
	Water, Glycerin, Leuconostoc/radish root, ferment filtrate, Phaseolus Angularis Seed Extract, Citric acid, Levulinic acid, and Sodium Levulinate		1.00	
D	Glycerine, Water, Camelia Sinensis Leaf Extract		1.00	
	Phenopropanol, Propanol, Caprylyl glycol and Tocopherol		0.70	

### Procedure

- PART A: Add water to vessel. Using overhead mixer and propeller or dispersion blade, begin mixing w low speed. Add Sodium metabisulfite and mix until dissolved.
- Add PemuPur™ VISTA polymer to batch and adjust mixing speed as needed to maintain a small vortex. Continue mixing for 20 minutes or until polymer is fully hydrated.
- Add remaining ingredients with mixing in between additions.
- PART B: Combine ingredients into a separate vessel and mix until homogenous.
- Add Part B to A. Adjust mixing speed as need to maintain good mixing.
- Remove batch from overhead mixing and homogenize for 1 minute at 10000 rpm using Ultra Turrax.
- Return batch to overhead mixing and add Part C and D with good mixing between additions.

### Properties

Appearance: white, low viscosity fluid

pH: 5.60 – 6.60

Viscosity (mPa·s)\*\*: 1400 – 1600

Yield Value (dyn/cm<sup>2</sup>): 115 - 120.

SPF\*\*\*\*: Static: 15

\*\*Brookfield® RV, DVII+ Viscometer (Brookfield AMETEK, Inc.) spindle #4 @ 20 rpm, 25 °C @ 24 hours

\*\*\*\*SPF determined by In Vitro testing using Labsphere® UV-2000S UV Analyzer (Labsphere, Inc.)

# Lucas Meyer Cosmetics by Clariant

1D30

## Pickmulse™

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Emulsifiers, co-emulsifiers, Microspheres, delivery systems
<b>EMAIL:</b>	<a href="mailto:info@lucasmeyercosmetics.com">info@lucasmeyercosmetics.com</a>
<b>WEBSITE:</b>	<a href="http://www.lucasmeyercosmetics.com/en/showroom">www.lucasmeyercosmetics.com/en/showroom</a>

Pickmulse™ was developed to answer consumers demand for natural and efficient ingredients, respectful of the skin and the environment. This surfactant-free emulsifier is obtained from a patented technology based on quinoa starch, having the smallest particule size, thus ideal for the creation of Pickering emulsions, ensuring high skin tolerance, outstanding sensory experience while inducing proven wellbeing emotions.

Additionally, the unique swelling properties of quinoa starch enable a structural transformation of these particles under warm conditions, facilitating encapsulation of lipophilic molecules. Pickmulse™ offers a 2-in-1 innovative solution to formulators, for a global balance between formula, skin and mind!

## CATCOL SF-23 GOLD

<b>PRODUCT TYPE:</b>	Functional, Body care, Facial care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Plant extracts, Emulsifiers, co-emulsifiers, Humectants, Film formers, styling agents
<b>EMAIL:</b>	<a href="mailto:sdatta@lucidcolloids.com">sdatta@lucidcolloids.com</a>
<b>WEBSITE:</b>	<a href="http://www.lucidcolloids.com">www.lucidcolloids.com</a>

Catcol SF-23 Gold, a versatile functional-cum-active material that delivers rheology modification, superb moisturisation and unique sensorial excellence.

Product speciality:

1. Natural origin, Eco-friendly Rheology modifier / Stability Enhancer that supports circular economy
2. Sustainable and upcycled ingredients based multi-beneficial product that plays a role of Co-Emulsifier, Dispersion Enabler, Film Former, Sensory Booster in the personal care formulation.
3. Innovative product that acts as humectant and also reinforces the barrier function that reduces the trans epidermal water loss and therefore helps to maintain a well moisturized and nourished skin.

# LUCID COLLOIDS LIMITED

## CATCOL SF-23 GOLD

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	DM water	Aqua	71.4	Inhouse
	Sodium Gluconate	Sodium Gluconate	0.1	Shandong Fuang Bio Tech.Co. Ltd.
B	Catcol SF-23 Gold	Cyamopsis tetragonoloba gum (and) Xanthan Gum (and) Aloe barbadensis leaf extract (and) Pectin (and) Lecithin .	1.5	Lucid Colloids Ltd.
C	Sunflower Oil	Helianthus Annuus Seed Oil	7	AG-Organics
	Shea Butter	Butyrospermum parkii butter	1.5	Biocare N.V
	Arlacel 165	Glyceryl Stearate (and) PEG-100 Stearate	4	CRODA ( Dist:Chemical Brothers )
	CCTG	Caprylic/Capric Triglyceride	13	Subhash Chemical
	BHT	butylated hydroxytoluene	0.2	VDH
D	Amvi-shield PE	phenoxyethanol (and) Ethylhexyl glycerin	1	Amvigor
	Vitamin E Acetate	Tocopheryl acetate	0.05	BASF
	Berry Champagne	Perfume	0.25	Mayas

### Procedure

1. Prepare phase A & phase C separately and heat up to 70 deg C  $\pm$  2 deg C.
2. Add Catcol SF-23 Gold into phase A at 70  $\pm$  2 deg C & stir at 2500-4000 rpm for 15-20 minutes until it gets dispersed completely and maintain the temperature as well.
3. Add hot phase C (70  $\pm$  2 deg C) into phase AB & stir at 1500 -2500 rpm for 10-15 mins to form emulsion.
4. Cool down phase (AB&C) under stirring and add phase D into the phase (AB&C) below 40 deg C , stir at 1500-2000 rpm for 5-10 mins to get a uniform mix.
5. If needed, please add Triethanolamine and/or Citric Acid to adjust the pH between 5.5-6.5.

### Properties

pH: Formulation Specification range: 5.5 - 6.5

Viscosity: Formulation Specification range: 4000 - 5000 cps, (Spindle no. Rv 05, RPM 20)

Appearance: White smooth perfumed lotion

Stability: Centrifugation (3000 rpm, 20 min): Pass

## NIKKOL NIKKOSOLVE® series

<b>PRODUCT TYPE:</b>	Functional, Facial care, Perfumes & Fragrances
<b>CATEGORIES:</b>	Solubilizers, dispersing agents
<b>EMAIL:</b>	<a href="mailto:nk_info@nikkolgroup.com">nk_info@nikkolgroup.com</a>
<b>WEBSITE:</b>	<a href="https://chemi-navi.nikkolgroup.com/en/personal-care/ingredient-spotlight/nikkosolve-l">chemi-navi.nikkolgroup.com/en/personal-care/ingredient-spotlight/nikkosolve-l</a>

NIKKOL NIKKOSOLVE® series are optimally designed to solubilize a variety of essential oils or fragrance blends in general cosmetic formulations. These solubilizers possess the following characteristics

- **Effective:** Can solubilize a wide variety of fragrances at a lower concentration with high clarity and stability compared to classic PEG-type solubilizers (without the help of alcohol)
- **Eco-conscious:** Designed with a 100% natural-derived index (ISO 16128) and is inherently biodegradable (OECD 302C)
- **Single INCI:** Single substance allows easier traceability.
- **Globally compliant:** Allowed for use in cosmetics in EU, USA, Japan, and China.

# Nikko Chemicals

## Rosemary Scalp Refresher Lot.41-WPH-04

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	NIKKOL NIKKO-SOLVE® L	Polyglyceryl-10 Laurate	9	NIKKO CHEMICALS
		Propanediol	5	
		Rosmarinus Officinalis (Rosemary) Leaf Oil	1.5	
B		Phenoxyethanol	0.4	
		Water	84.1	

### Procedure

1. Heat A except fragrance and dissolve completely.
2. Add fragrance into A and mix until uniform.
3. While stirring B, add A into B gradually.
4. Mix A+B until uniform.

### Properties

pH (bulk): 6.0 ~ 7.0

## GREEN PARLEAM L, GLYMOIST MO and NATUWIL TP-01

<b>PRODUCT TYPE:</b>	Functional, Facial care, Protection
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Emulsifiers, co-emulsifiers, Solubilizers, dispersing agents, Humectants
<b>EMAIL:</b>	<a href="mailto:cosmetic_lounge@nof.co.jp">cosmetic_lounge@nof.co.jp</a>
<b>WEBSITE:</b>	<a href="http://www.nof.co.jp/english">www.nof.co.jp/english</a>

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Moisture Cream delivered from Natural Ingredients

NOF will introduce 3 types of ingredients from Natural as following.

- Green PARLEAM series – A wide range of New Plant-based Oils with Different Viscosity
- GLYMOIST MO – W/O Emulsifier with Excellent Powder Dispersibility
- NATUWIL TP-1 – Water-Soluble Oil from 100% plant

# NOF CORPORATION

## Moisture Cream delivered from Natural Ingredients

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	GreenPARLEAM-L	C9-12 ALKANE, C13-15 ALKANE, C14-22 ALCOHOLS	12	NOF Corp.
	GLYMOIST MO	GLYCERYL OLEATE, GLYCERIN	3.5	NOF Corp.
	ETHYLHEXYLGLYCERIN	ETHYLHEXYLGLYCERIN	0.3	
B	WATER	WATER	77.45	
	GLYCERIN	GLYCERIN	5	
	MAGNESIUM SULFATE	MAGNESIUM SULFATE	0.75	
	NATUWIL TP-01	Propanediol/Triethylene Glycol Copolymer	1	NOF Corp.

### Procedure

1. Prepare Mixture A and B, separately.
2. Gradually add Phase B into Phase A with propeller stirring (IKA Eurostar) at 300rpm. (By adding water drop-by-drop from a pipette)
3. Pass Phase A+B under Turrax (11,000 rpm) during 2 minutes.

### Properties

White cream.

## Structure® Silk starch

<b>PRODUCT TYPE:</b>	Functional, Body care, Styling
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Film formers, styling agents
<b>EMAIL:</b>	<a href="mailto:giovanni.capra@nouryon.com">giovanni.capra@nouryon.com</a>
<b>WEBSITE:</b>	<a href="http://www.nouryon.com/markets/personal-care/">www.nouryon.com/markets/personal-care/</a>

Structure® Silk starch is a rheology modifier, texturizer, and film-former for both skin and haircare, providing a rich and cushioned feel. It offers broad pH tolerance and wide formulation compatibility.

In creams and lotions, Structure® Silk starch builds viscosity while creating a bright and glossy emulsion with a cushioned skin. It provides stiffness and high humidity resistance, and high clarity in hair gels.

- Enhanced sustainability profile: non-GMO, NOI = 0.92 and readily biodegradable
- Viscosity builds with short flow that breaks down easily on skin
- Differentiated texture: high gloss in emulsions and clarity in aqueous systems

# Nouryon

## Structure® Silk starch

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Deionized Water	Aqua (Water)	74.5	Local
B	Emulium Dolcea MB	Cetearyl Alcohol (and) Glyceryl Stearate (and) Jojoba Esters (and) HelianthusAnnus (Sunflower) Seed Wax (and)Sodium Stearoyl Glutamate (and) Water (and) Polyglycerin-3	3.00	Gattefosse
	Cetiol® CC	Dicaprylyl Carbonate	5.00	BASF
	Florasun 90	Helianthus Annuus (Sunflower) Seed Oil	3.00	Floratech
	LexFeel Natural	Heptyl Undecylenate	4.00	Inolex
C	ElfaMoist® AC humectant	Acetamidoethoxyethanol	5.00	Nouryon
	Structure® Silk starch	Hydroxypropyl Starch Phosphate	2.50	Nouryon
	Amaze® Nordic Barley starch	Hordeum Vulgare Seed Flour	2.00	Nouryon
	Euxyl PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	1.00	Ashland

### Procedure

1. In the main beaker, add water and begin heating to 65-70°C.
2. Add phase B ingredients to a separate beaker and begin heating to 65-70°C.
3. Add phase B to phase A under moderate homogenization (~4,500 rpms) and mix for 10 minutes.
4. Premix the ElfaMoist® AC humectant and Structure® Silk starch.
5. Add to main batch under moderate homogenization (~3,000 rpms) until dispersed and uniform (approx 5 minutes).

6. Switch to an overhead mixer and cool to 45°C.
7. Add Amaze® Nordic Barley starch and mix until uniform.
8. Add preservative and continue to sweep until room temperature.
9. Adjust to pH 5.5-6.5 with citric acid if necessary.

### Properties

Enhance your skincare routine and awaken to silky soft, hydrated skin with our Hydration Hero Sleeping Mask. Structure® Silk starch creates a glossy and rich-as-silk texture that feels substantive to skin. ElfaMoist® AC humectant provides up to 30 hours of moisturization with one application. 100% natural Amaze® Nordic Barley starch offers a soft and smooth finish.

## Jolee 7786

**PRODUCT TYPE:** Functional, Cleansers, soaps, Facial care

**CATEGORIES:** Emollients, lipids, petrolatum

**EMAIL:** [elise.buggenhout@oleon.com](mailto:elise.buggenhout@oleon.com)

**WEBSITE:** [www.oleon.com/](http://www.oleon.com/)

- 
- Cleansing agent: Effectively removes dirt, makeup, and air pollution particles, leaving skin clean and refreshed.
  - Lightweight emollient: Provides deep hydration and moisturization without feeling heavy on the skin.
  - Radiance boosting: Enhances skin's natural glow, offering a luminous reflection without a mattifying effect.

# Oleon

## Daisy cleansing balm

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Jolee 7202	Propylene Glycol Diheptanoate	9	Oleon
	Radia 7268	Glycol Distearate	4	Oleon
	Jolee 7786	Decyl Isostearate	35.5	Oleon
	Radia 7903	Glyceryl Oleate	3	Oleon
	Radia 7220	Coco Caprylate/Caprata	4	Oleon
	Lucee oil rosehip CP RBD (6771)	Rosa Canina (Rosehip) Seed Oil	2	Oleon
	Lucee oil apricot RBDW (6747)	Prunus Armeniaca (Apricot) Kernel Oil	2	Oleon
	Radia 7104	Caprylic/Capric Triglyceride	10	Oleon
	Lucee Oil Sunflower RBDW KH (6235K)	Helianthus Annuus (Sunflower) Seed Oil	1	Oleon
	Lucee Btr Sheanut RBD (6707)	Butyrospermum Parkii (Shea) Butter	10	Oleon
	Radiasurf 7318	PEG-7 Glyceryl Cocoate	5	Oleon
	Candelilla. Wax	Euphorbia Cerifera (Candelilla) Wax	8	Oleon Ltd.
	Carnauba T1 Wax	Copernicia Cerifera (Carnauba) Cera	3	Oleon Ltd.
Radiasurf 7141	Glyceryl Stearate SE	2	Oleon	
B	Blue No.1 FD&C Lake	CI 42090	qsp	Making Cosmetics
C	Perfume	Parfum (Fragrance)	0.5	
	DL- $\alpha$ -Tocopherol acetate	Tocopheryl Acetate	1	Sigma

### Procedure

1. At 80°C, add phase B, under high stirring with Ultra Turrax (11 000rpm) over 5 minutes.
2. At 80°C weigh the ingredients of phase C under medium stirring and cool down immediately into appropriate packaging.

### Properties

Oily, blue balm

## Radia 7798

<b>PRODUCT TYPE:</b>	Functional, Colouring, Lip products
<b>CATEGORIES:</b>	Colourants, dyes, pigments, Hair dyes, hair colourants
<b>EMAIL:</b>	<a href="mailto:elise.buggenhout@oleon.com">elise.buggenhout@oleon.com</a>
<b>WEBSITE:</b>	<a href="http://www.oleon.com/">www.oleon.com/</a>

- 
- Sustainable and Eco-Friendly: A natural alternative to high-viscous Dimethicone, readily biodegradable
  - Smooth, Soft Skin and effortless Application: Ideal for easy, uniform spreading, making the product easy to apply without any tacky residue.
  - Viscosity Enhancement: Effectively boosts viscosity, improving product consistency for better control and application. Suitable for use in skin, hair, and color cosmetics, providing optimal performance in various formulations.

# Oleon

## Lily Glow

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Water	Aqua	Up to 100	
	Glycerine 4811	Glycerin	2	Oleon
	Radianol 4710	Propylene glycol	1	Oleon
	Pemulen TR2	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.25	Lubrizol
	Gluconate NA	Sodium Gluconate	0.2	Sigma
	Niacinamide	Niacinamide	0.5	DSM
	Algae Extract	Glycerin (and) Water (and) Laminaria Digitata Extract (and) Phenoxyethanol	0.3	Making Cosmetics
	Allantoin	Allantoin	0.2	DSM
B	Jolee 7931	Polyglyceryl-4 Caprate (and) Aqua	1	Oleon
	Radia 7199ACT	Isopropyl Palmitate	6	Oleon
	Radia 7220	Coco-Caprylate/Caprate	8	Oleon
	Jolee 7786	Decyl Isostearate	4	Oleon
	Radia 7798	Propylene Glycol Diheptanoate (and) Hydrogenated Dilinoleyl Alcohol (and) Ethylcellulose	4	Oleon
	Ecorol 68/30P	Cetearyl Alcohol	0.5	Ecogreen
	Radia 7268	Glycol Distearate	0.2	Oleon
C	Phenoxyethanol	Phenoxyethanol	1	Thermo Scientific
	Perfume	Parfum (fragrance)	0.5	
	Menthol	Menthol	0.2	Aroma-zone
	Sodium Hydroxide	Sodium Hydroxide	qsp	

### Procedure

1. Mix phase A ingredients in a beaker and phase B ingredients in another one.
2. Heat phases A and B at 80°C
3. Once the temperature is reached for both phases, add phase B to phase A.

4. Pass through ultra-turrax for 1 min at 10,000 RPM for 100g of product.
5. Let the blend cool down to 40°C and add phase C.

### Properties

Serum. pH 5.5-6

## Radia 7199ACT

**PRODUCT TYPE:** Functional, Facial care, Cleansing, shampoos  
**CATEGORIES:** Emollients, lipids, petrolatum, Enzymes  
**EMAIL:** [elise.buggenhout@oleon.com](mailto:elise.buggenhout@oleon.com)  
**WEBSITE:** [www.oleon.com](http://www.oleon.com)

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- Lower environmental impact: reduced carbon footprint and waste
- Higher purity: Enzymatic catalysis yield a purer product with less waste by efficiently recycling unreacted materials
- More natural: Enzymes are nature's catalysts

## Citropol® DE-4

<b>PRODUCT TYPE:</b>	Functional, Conditioning, Body care
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Oils, butters
<b>EMAIL:</b>	<a href="mailto:andrea@p2science.com">andrea@p2science.com</a>
<b>WEBSITE:</b>	<a href="http://p2science.com">p2science.com</a>

Citropol® DE-4 is a multifunctional, high-molecular-weight liquid polymeric emollient for rich and luxurious textures.

Uniquely designed to efficiently improve the feel of alkanes, the addition of Citropol® DE-4 elevates the sensory experience of final formulations, provides excellent conditioning for skin and hair, and is ideal for textured and curly hair.

Citropol® DE-4 is naturally derived and built with new green chemistry technology that results in versatile, high-performing, and effective performance – all while being better for people and the environment.

- Naturally-derived from terpenes and eco-friendly forestry ingredient
- Made with new green chemistry technology
- High performance and silicone-free

## Vita Retigel

<b>PRODUCT TYPE:</b>	Functional, Facial care, Cleansers, soaps
<b>CATEGORIES:</b>	Bio-fermentation ingredients, Film formers, styling agents, Rheology modifiers, thickeners, Formulation bases
<b>EMAIL:</b>	pramires@quimivita.com
<b>WEBSITE:</b>	<a href="http://www.quimivita.com/cosmetics/">www.quimivita.com/cosmetics/</a>

Vita Retigel is a natural rheology modifier that combines a biofermented high molecular weight polysaccharide with a brown algae-derived hydrocolloid. It delivers transparent, fluid textures while effectively suspending solid particles.

Cold-processable and compatible with anionic, non-ionic and amphoteric surfactants, Vita Retigel offers an off-road solution for a wide range of cosmetic applications.

Why choose Vita Retigel?

- Effectively suspends solid particles, ensuring stability in low-viscosity formulations.
- Reduces energy consumption by enabling cold-process formulations.
- Provides transparent, fluid textures with excellent sensory properties.

# Quimivita Products S.L.

## STRAWBERRY ANTIOXIDANT SERUM

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	WATER	Aqua (Water)	q.s. 100	
	UPCork Aox	Glycerin, Aqua (Water), Quercus Suber Bark Extract	2.00	QUIMIVITA
	VERSTATIL BL	Aqua (Water), Sodium Levulinate, Sodium Benzoate	2.50	Bonderalia/ Evonik
	DERMOFEEL PA-3	Sodium Phytate, Aqua (Water), Alcohol	0.20	Bonderalia/ Evonik
	BLISS	Parfum (Fragrance)	0.45	Eurofragrance
B	Citric Acid 30% solution in water	Aqua (Water), Citric Acid	qs. pH 4.5-5.0	
C	Vita Retigel	Xanthan Gum, Algin	1.20	QUIMIVITA
	Vita BuDi Sense	2,3-Butanediol	7.00	QUIMIVITA
D	SHEA BUTTER	Butyrospermum Parkii Butter	6.00	
	GARNET RED	Alkanna Tinctoria Root Extract, Helianthus Annus (Sunflower) Seed Oil	0.20	Bonderalia/ Biolie
	DERMOFEEL TOCO 70 NON GMO	Tocopherol, Helianthus Annus (Sunflower) Seed Oil	1.00	Bonderalia/ Evonik

### Procedure

1. Dissolve the phase A ingredients in water and mix.
2. Adjust pH.
3. Prepare phase C and add over Phases A+B with rapid mixing.
4. Heat phase D to melt and mix to uniformity.
5. Add phase D over phase A+B+C and mix.

### Properties

Transparent gel with little red drops

pH: 4,70-5,30

Viscosity: - 1400 - 1600 cP (Brookfield RV sp05, 100 rpm)

Natural origin content (Cno): 99,40% (incl. water, ISO 16128)\*

\*Calculated to the best of our current knowledge with the data obtained

## Beauté by Roquette® ST 305

<b>PRODUCT TYPE:</b>	Functional, Facial products, Eye products
<b>CATEGORIES:</b>	Drying, mattifying, anti-tack agents
<b>EMAIL:</b>	<a href="mailto:ophelie.bourgon@roquette.com">ophelie.bourgon@roquette.com</a>
<b>WEBSITE:</b>	<a href="http://www.roquette.com/roquettebeaute">www.roquette.com/roquettebeaute</a>

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Beauté by Roquette® ST 305,

The game-changing sensory powder engineered from waxy corn starch

- Is a patented porous corn starch offering a sustainable alternative to talc and synthetic powders.
- Excels as a compacting agent with its extra-fine particle size, ensuring smooth and uniform coverage.
- Absorbs sebum thanks to its advanced porous structure, providing a matte finish and a blurring effect on the skin

# Roquette Beauté

## Mocha Bliss

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Beauté by Roquette® ST 305	Amylopectin	49.77	Roquette
	Acide Sorbique	Sorbic Acid	0.30	Sigma-Aldrich
	Stearate de Zinc	Zinc Stearate	1.00	Brenntag
	PGQ Yellow N°602P	CI77492, Polyglyceryl-2 tetraistearate	0.40	Daito Kasei
	PGQ RED N°211P	CI77491, Polyglyceryl-2 tetraistearate	0.70	Daito Kasei
	PGQ BLACK N°710P	CI77499, Polyglyceryl-2 tetraistearate	0.90	Daito Kasei
B	DUB TGIS	Triisostearine	12.00	Stearinerie Dubois
	Beurre de Karité bio équitable	Butyrospermum parkii butter	4.40	Emile Noel
	ROSAMOX	Helianthus Annuus (Sunflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract	0.03	Actylis
	LEXGARD E	Ethylhexylglycerin	0.50	Inolex
C	43839 Sumicos Walnut	CI 77019, CI 77491, CI 77499	11.67	Sudarshan
	MIRAGE Glamour Silver	Calcium Sodium Borosilicate, Titanium Dioxide, Tin Oxide	18.33	Eckart

### Procedure

1. Weigh phase A and mix for 2x2 minutes at high speed. Check for the absence of grains or repeat the agitation once.  
The powder is colored, homogeneous, fine, and light.
2. Weigh the binders (phase B) and warm to 40°C so that the mixture is clear and homogeneous. Add the binders in a stream over the powder, making sure not to form clumps. Mix for 2x1 minute 30 seconds at high speed. Check for the absence of grains or repeat the agitation once.  
The powder is colored, homogeneous, and fine.

3. Add the pearlescent pigments and mix for 1 minute at low speed.  
The powder is pearlescent, homogeneous, and fine.  
Sift before compacting.

### Properties

Appearance: Compact powder Mocha pearly silver

## ZeoSAES NaturGel

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners
<b>EMAIL:</b>	<a href="mailto:chemicals@saes-group.com">chemicals@saes-group.com</a>
<b>WEBSITE:</b>	<a href="http://www.saeschemicals.com">www.saeschemicals.com</a>

Engineered zeolite in powder form suspended in a medium of caprylic/capric triglyceride, delivers an ultra-smooth, translucent gel texture, ensuring easy application with a glowing finish. Feel the luxury of every use, elevating your skincare routine to a new level of sensory pleasure.

Designed to facilitate accurate powder dosing during production while preventing dustiness, its stable, non-powdery consistency ensures cleaner processes, reducing waste and enhancing overall efficiency.

- Ultra-Smooth, Translucent Gel Texture
- Easy Powder Dosing
- Non-Powdery Consistency

## Valida T

<b>PRODUCT TYPE:</b>	Functional, Facial care, Protection
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Film formers, styling agents, Emulsifiers, co-emulsifiers, UV filters, SPF boosters, Conditioning agents
<b>EMAIL:</b>	<a href="mailto:kulvinder.kaur@sappi.com">kulvinder.kaur@sappi.com</a>
<b>WEBSITE:</b>	<a href="http://www.sappi.com/cosmetics">www.sappi.com/cosmetics</a>

Derived from the most abundant material on earth, cellulose, Valida T is a natural, biodegradable and multi-functional ingredient sourced from PEFC-certified wood pulp. It should be in every cosmetic formulator's toolbox as it can:

- provide stability of formulations without increasing viscosity
- provide silicone-like skin feel and blurring effect, without being tacky or shiny; it can reduce pilling
- offer SPF boosting in sunscreen

## Shell Silk Alkane

<b>PRODUCT TYPE:</b>	Functional, Facial care, Conditioning
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Conditioning agents, Oils, butters, Solubilizers, dispersing agents, Rheology modifiers, thickeners
<b>EMAIL:</b>	GF-Silk-Alkane@shell.com
<b>WEBSITE:</b>	<a href="http://www.shell.com/shell-silk-alkane.html">www.shell.com/shell-silk-alkane.html</a>

Derived from a proprietary Gas-to-Liquids (GTL) technology, it is a range of pharmaceutical quality emollients with high purity, safe by design, readily biodegradable and low in ecotoxicity. An excellent mineral-oil free and silicone-oil free option for a wide range of formulations due to its silky, soft, non-greasy, non-sticky, easy to spread and virtually odorless characteristics.

Besides the sensory elegance and good compatibility, it has been extensively tested showing multi-functional performance:

On skin: hydrating and skin barrier protection

On hair: anti-frizz, anti-static, reduces hair breakage and split ends

- High purity due to GTL technology backbone
- Multi-functional performance
- Biodegradability

# Shell

## Skin & Hair Oil formulated with Shell Silk Alkane

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Shell Silk Alkane G3	C15-19 Isoalkane	49.40%	Shell
	Shell Silk Alkane G6	C18-24 Isoalkane	25.00%	Shell
	Shell Silk Alkane G10	C18-50 Isoalkane	25.00%	Shell
	Bisabolol	Bisabolol	0.50%	
	Tocopherol / Helianthus annus seed oil	Tocopherol / Heliantus annus seed oil	0.10%	

### Procedure

1. Weigh all the ingredients in Phase A and stir until homogeneous.

### Properties

#### Formula Specifications:

Aspect: Homogeneous transparent fluid  
Viscosity (Brookfield LVDV-E, spindle 18, 100 rpm, 1 min): 6.50 – 9.00  
Water activity test: Pass

#### Stability Tests:

Freeze thaw cycles (6 cycles of 24h to 72h, at 4°C and at 40°C each):  
Stable  
Centrifugation (3000 rpm, 2h): Stable  
1 month at sunlight exposure, 22±2°C, 4±2°C and 40±2°C:  
Stable  
3 months at 22±2°C, 4±2°C and 40±2°C: Stable

#### Efficacy Tests

Proven efficacy in decreasing broken hairs by -84% and split ends by -69% after 5.000 brush strokes\*

\*Ex vivo test performed on similar formula, but without bisabolol.

## Shell GTL SaraCare

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Formulation bases, Waxes, structuring agents, elastomers
<b>EMAIL:</b>	SMDS-Corporate-Relations@shell.com
<b>WEBSITE:</b>	<a href="http://www.shell.com.my/business-customers/shell-middle-distillate-synthesis/shell-gtl-products/shell-gtl-personal-care-cosmetic-ingredients.html">www.shell.com.my/business-customers/shell-middle-distillate-synthesis/shell-gtl-products/shell-gtl-personal-care-cosmetic-ingredients.html</a>

Shell GTL SaraCare offers good heat resistance, high thermal and colour stability as well as unique opaque white appearance that produces true colour brilliance with minimum colouring agents required. This makes it suitable in personal care and cosmetic functions as skin feel and rheology modifiers, structuring and binding agents, wear resistance and waterproof as well as applications in cleansing, moisturizing, conditioning, softening, fragrance extension, long wear colour and lip care.

# Shell MDS (M) Sdn Bhd

## Shell GTL SaraCare

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Shell GTL SaraCare	Synthetic Wax	100%	Shell MDS Malaysia

## Properties

	Drop Melting Point, °C	Oil Content, %	Penetration (0.1 mm)	Kinematic Viscosity, mm/s
SaraCare 300	54 - 60	1.8-2.2	16-20 (25°C)	3-4 (100°C)
SaraCare 400	62 - 68	1.5-1.7	12-16 (25°C)	4-5 (100°C)
SaraCare 500	70 - 76	0.4-0.6	12-16 (25°C)	5.5-6.5 (100°C)
SaraCare 600	90 - 100	<0.3	4-6 (25°C)	6-7 (120°C)
SaraCare 1000	113 - 118	<0.1	4-6 (65°C)	18-21 (130°C)

## NATURSOL™ EMI Rev

<b>PRODUCT TYPE:</b>	Functional, Conditioning, Hand / foot / nail care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Conditioning agents
<b>EMAIL:</b>	<a href="mailto:vbillebaud@snf.com">vbillebaud@snf.com</a>
<b>WEBSITE:</b>	<a href="http://www.snf.com/industry/personal-care">www.snf.com/industry/personal-care</a>

Leveraging its expertise in green chemistry and inverse emulsion synthesis, SNF has developed NATURSOL™ EMI Rev, marking a significant shift in the rheology modifier market.

NATURSOL™ EMI Rev is a cationic inverse emulsion providing several key benefits: can be used in cold process ensuring easier formulation and energy savings, enhanced performance by delivering optimal texture and application properties, and enhances emulsion sustainability.

NATURSOL™ EMI Rev is inherently biodegradable, ensuring a reduced environmental footprint without compromising performances. Designed for efficiency and sustainability, it delivers the same high-quality results for an eco-friendlier future.

- Patent pending
- Eco-conscious process
- Minimalist formula

## OleoShine® Green

<b>PRODUCT TYPE:</b>	Functional, Lip products, Facial products
<b>CATEGORIES:</b>	Film formers, styling agents
<b>EMAIL:</b>	<a href="mailto:contact.cosmetics@solabia.com">contact.cosmetics@solabia.com</a>
<b>WEBSITE:</b>	<a href="http://www.solabia.com">www.solabia.com</a>

OleoShine® Green is a 100% bio-based, next-generation film-former that enhances shine and performance in cosmetics while promoting sustainability.

- **Eco-friendly:** Made from renewable resources using green chemistry, it supports sustainable beauty practices. Its cold-processable nature reduces energy consumption during formulation.
- **High-performance:** With high viscosity, ultra-radiant shine, and optimized adhesion, it forms a uniform, long-lasting film that enhances durability.
- **Exceptional sensory appeal:** Its smooth, enveloping texture ensures a non-sticky feel, providing superior comfort with optimal payoff, outperforming traditional natural alternatives.

Delivering synthetic-like performance without microplastic concerns, OleoShine® Green redefines the standard for sustainable beauty.

## Lilac EU

<b>PRODUCT TYPE:</b>	Functional, Conditioning, Facial care
<b>CATEGORIES:</b>	Emollients, lipids, petrolatum, Conditioning agents, Formulation bases, Fragrance ingredients, masking agents, Film formers, styling agents
<b>EMAIL:</b>	<a href="mailto:ishita.sharma@hfsinclair.com">ishita.sharma@hfsinclair.com</a>
<b>WEBSITE:</b>	<a href="http://www.sonneborn.com/en-us">www.sonneborn.com/en-us</a>

This lightweight, colorless, and odorless alkane is designed for applications requiring unique sensory properties and precise volatility performance. As a pure and inert alternative to D4, D5, and D6 silicones, it offers exceptional versatility and safety. Its high purity and stability make it an excellent carrier for active pharmaceutical ingredients (APIs) in pharmaceutical formulations.

In personal care applications, it serves as an effective emollient and moisturizer, seamlessly integrating into products such as antiperspirants, deodorants, hair care, and skincare solutions.

## Tablet-to-Cream Foot Balm

<b>PRODUCT TYPE:</b>	Functional, Hand / foot / nail care
<b>CATEGORIES:</b>	Formulation bases
<b>EMAIL:</b>	<a href="mailto:personalcare@stockmeier.com">personalcare@stockmeier.com</a>
<b>WEBSITE:</b>	<a href="http://www.stockmeier.com/en/products/chemicals/specialty-chemicals/cosmetics/">www.stockmeier.com/en/products/chemicals/specialty-chemicals/cosmetics/</a>

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Innovation forms a modern contribution

This innovative tablet turns into a white cream when dissolved in water and can be used as a nourishing foot balm. The combination of the moisturizers Sorbitol, Allantoin and L-Arginine smoothes the skin, supports its regeneration and is ideal for stressed, dry feet.

Farnesol and Octyldodecanol deodorize and prevent unpleasant odors. The essential oils also revitalize the feet with a cooling effect. Cocoa Butter and Olive Oil give the skin suppleness. A nourishing, non-greasy feeling is provided by fast absorbing.

# STOCKMEIER Group

## Tablet-to-Cream Foot Balm

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	Monosodium Citrate	Monosodium Citrate	0.50	STOCKMEIER
	Allantoin	Allantoin	1.00	STOCKMEIER
	SENSICARE® M 4200	Gluconolactone, Sodium Benzoate, Calcium Gluconate	5.00	CHEMIPOL
	Xanthan Gum	Xanthan Gum	1.50	STOCKMEIER
	Guar Gum	Cyamopsis Tetragonoloba	1.00	STOCKMEIER
	TEXPERIEN™ True CT1851	Tapioca Starch	0.50	ADM
	Sorbitol T	Sorbitol	11.00	ECOGREEN
B	L-Arginine	Arginine	2.50	STOCKMEIER
	Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	20.00	STOCKMEIER
C	Stearic Acid 50/50	Stearic Acid, Palmitic Acid	20.00	STOCKMEIER
	Glyceryl Caprylate	Glyceryl Caprylate	1.50	STOCKMEIER
D	Olive Oil	Olea Europaea (Olive) Fruit Oil	6.00	STOCKMEIER
	Ecorol® GB 20	Octyldodecanol	12.50	ECOGREEN
E	NOVACOS COCO	Ethylhexyl Cocoate, Cocos Nucifera (Coconut) Oil	5.00	PROCHIMICA
	Rosemary Leaf Oil	Rosmarinus Officinalis (Rosemary) Leaf Oil	0.50	STOCKMEIER
	Farnesol	Farnesol	0.50	STOCKMEIER
	Menthol Crystals	Menthol	0.50	STOCKMEIER
	Camphor Powder	Camphor	0.50	STOCKMEIER
E	Cocoa Butter Powder	Theobroma Cacao (Cocoa) Seed Butter	10.00	STOCKMEIER

### Procedure

1. Place phase A in a mortar and grind well, then transfer to a plastic bowl.
2. Add the ingredients of phase B to the mixture one after the other and mix.
3. Premix phase C separately and heat to 40°C while stirring.
4. Add phase C to the batch and mix everything evenly with a whisk.
5. Pre-solve phase D separately. Add to the batch at a temperature below 30°C.
6. Add the cocoa butter to the mixture and mix everything evenly again with a whisk.

7. Press 10 g of the mixture into a tablet and leave it to dry overnight.
8. Use instruction:
9. Place the tablet in a glass jar. Add 40 ml of hot water, ideally filtered.
10. Stir and wait until the cream has formed. Leave for 15 minutes, then stir again.

### Properties

Appearance: Cream-coloured tablet, turns into an off-white cream  
pH-value (@20°C): 5.0 – 5.5 in cream  
Stability: 6 weeks, 20°C and -5°C to 40°C cycles

## Chione™ Electric Scarlet & Electric Sienna

<b>PRODUCT TYPE:</b>	Functional, Eye products, Lip products
<b>CATEGORIES:</b>	Opacifiers, pearlescents, Glitters, visual effect particles, Colourants, dyes, pigments
<b>EMAIL:</b>	Kristina.Brueggemann@sunchemical.com
<b>WEBSITE:</b>	<a href="http://www.sunchemical.com/cosmetics">www.sunchemical.com/cosmetics</a>

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Ignite cosmetic formulations with the power of electrifying, bold color.

Based on patented multilayer technology, Sun Chemical's newest additions to the renowned Chione Electric line of metallic effect pigments, provide intense chroma with brilliant shimmer. Chione Electric Scarlet SR90D offers a vegan, red color with bright shimmer and Chione Electric Sienna SC90D adds a luminous copper color to formulations.

Vegan, carmine-free and 100% mineral derived, Chione Electric synthetic mica-based effects give formulators easy-to-use clean colors with stability. The Chione Electric line is globally approved for all decorative cosmetics, skin care, body care and sun care applications.

## Naternal™ Care XTRA

<b>PRODUCT TYPE:</b>	Functional, Conditioning
<b>CATEGORIES:</b>	Conditioning agents, Plant extracts
<b>EMAIL:</b>	<a href="mailto:novecareCC@syensqo.com">novecareCC@syensqo.com</a>
<b>WEBSITE:</b>	<a href="http://www.syensqo.com/en/brands/naternal">www.syensqo.com/en/brands/naternal</a>

Naternal™ Care XTRA is the first inherently ultimately biodegradable, 100% bio-based conditioning polymer powered by the ancient healing secrets of fenugreek.

It offers conditioning with no build-up, making it performant in both wet and dry stages against market benchmarks like Polyquaternium 10. Its outstanding sustainability credentials for the level of performance reached makes it ideal for replacing polyquaterniums for highly damaged hair.

- Outperforms polyquaterniums for highly damaged hair
- Biodegradable & responsibly sourced
- Format-versatility: from shampoo to leave-in

## Oleogy™ LEOT

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Waxes, structuring agents, elastomers, Formulation bases
<b>EMAIL:</b>	<a href="mailto:novecareCC@syensqo.com">novecareCC@syensqo.com</a>
<b>WEBSITE:</b>	<a href="http://www.syensqo.com/en/brands/oleogy">www.syensqo.com/en/brands/oleogy</a>

Oleogy™ is a line of natural oil rheology modifiers that revolutionize the use of oils in skincare, color cosmetics, and scalp and hair care. These modifiers provide natural oil structuring agents that enhance the texture and stability of oil-based products as well as emulsions. Oleogy™ LEOT is an amino acid derived oil gelling agent, specifically designed to create transparent sticks with high naturality.

- amino acid derived
- oil gellifying solution
- transparent and highly natural sticks

## Rheozan® BLC W

<b>PRODUCT TYPE:</b>	Functional, Cleansers, soaps, Facial care
<b>CATEGORIES:</b>	Rheology modifiers, thickeners, Bio-fermentation ingredients
<b>EMAIL:</b>	<a href="mailto:novecareCC@syensqo.com">novecareCC@syensqo.com</a>
<b>WEBSITE:</b>	<a href="http://www.syensqo.com/en/brands/rheozan-range/rheozan-blc-w">www.syensqo.com/en/brands/rheozan-range/rheozan-blc-w</a>

Rheozan® BLC W is a nature-derived suspending agent based on readily biodegradable bacterial cellulose. It offers excellent suspension and stabilization capabilities across a wide array of formulations, from rinse-off to leave-on products. Delivered in a convenient liquid form, it is effective even at low inclusion levels, ensuring suspension properties without compromising foaming and sensory qualities, setting it apart from the traditional acrylate-based rheology modifiers it replaces.

- Non-microplastic suspending agent
- Readily biodegradable bacterial cellulose
- Sensory enhancement

## Mindera™

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Plant extracts, Anti-microbial agents, Antioxidants, Chelating agents
<b>EMAIL:</b>	francoise.michel-salaun@symrise.com
<b>WEBSITE:</b>	<a href="http://www.symrise.com/scient-and-care/cosmetic-ingredients">www.symrise.com/scient-and-care/cosmetic-ingredients</a>

Is your MIND ready for a new ERA?

With Mindera™, Symrise offers the first 100% natural solution for product protection.

Our scientists screened the best of nature and selected 4 pure plant-based molecules: Mindera™ Ma, Mindera™ Cin, Mindera™ CH and Mindera™ AA. Our patented combinations bring multifunctional properties, such as chelation, antioxidation, sebum reduction and more, together with high efficacy against bacteria, yeasts and molds.

We are solving the equation [Naturality X Performance], formulators can now increase the naturality of the formulation.

- Pure plant-based molecules, 100% natural
- High-performance broad-spectrum efficacy + multifunctional properties
- Customized solutions

## MICRO TITANIUM DIOXIDE MT-500CST

<b>PRODUCT TYPE:</b>	Functional, Protection
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:sales4@tayca.co.jp">sales4@tayca.co.jp</a>
<b>WEBSITE:</b>	<a href="http://www.tayca.co.jp/english/">www.tayca.co.jp/english/</a>

MT-500CST is a new innovative inorganic UV filter compliant with European regulations.

- High UVB-blocking effectiveness. Additionally, the particle size is suitable for broadly blocking the UVA range.
- Successfully suppresses photoactivity despite being aluminum-free.
- By revisiting and improving the design of the base material, the traditional bluish-whiteness of TiO<sub>2</sub> has been reduced.

# TAYCA CORPORATION

## MICRO TITANIUM DIOXIDE MT-500CST

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A		POLYGLYCERYL-10 LAURATE	2.50	
		GLYCERYL STEARATE SE	1.50	
		POLYGLYCERYL-6 POLYRICINOLEATE	0.80	
		POLYGLYCERYL-10 STEARATE	0.50	
		BEHENYL ALCOHOL	1.00	
		CETYL ETHYLHEXANOATE	17.43	
		BHT	0.05	
B	MICRO TITANIUM DIOXIDE MT-500CST	TITANIUM DIOXIDE, STEARIC ACID	10.00	TAYCA CORPORATION
		TITANIUM DIOXIDE, ALUMINUM HYDROXIDE, ZINC OXIDE, IRON OXIDES, ISOSTEARIC ACID	0.02	
C		WATER	41.00	
		METHYLPARABEN	0.20	
		BUTYLENE GLYCOL	3.00	
D		CARBOMER	0.16	
		WATER	7.84	
E		XANTHAN GUM	0.08	
		WATER	3.92	
F	TMS-05DCB	SILICA, TITANIUM DIOXIDE, BEHENYL ALCOHOL, DISTEARYLDIMONIUM CHLORIDE	5.00	TAYCA CORPORATION
	JS-A	MICA	5.00	JAPAN SERICITE

### Procedure

1. Combine Phase A and mix until uniform. Heat to 80 degrees (centigrade)
2. Add slowly and gradually Phase B to Phase A while mixing vigorously. Mix until powder is well dispersed and phase is uniform (Disper 3,000 rpm, 10 mins.) Heat to 80 degrees (centigrade) (Phase AB)
3. Combine Phase C at room temperature.
4. Combine Phase D at room temperature.
5. Combine Phase E at room temperature.
6. Add slowly and gradually Phase D,E,F to Phase C while mixing

- vigorously. Mix until powder is well dispersed and phase is uniform (Disper 3,000 rpm, 10 min.) Heat to 80 degrees (centigrade) (Phase CDEF)
7. Add slowly 2(Phase AB) to 6(Phase CDEF) very slowly under high speed mixing (homogenization, 3,000 rpm, 10 mins.)
  8. Cool the batch to 30°C while mixing slowly with paddle mixer.

### Properties

SPF36, UVAPF10 (in vivo)

## The 4D "French dentelle" mask

<b>PRODUCT TYPE:</b>	Functional, Facial care, Body care
<b>CATEGORIES:</b>	Active ingredient, Formulation bases
<b>EMAIL:</b>	<a href="mailto:info@tech-nature.com">info@tech-nature.com</a>
<b>WEBSITE:</b>	<a href="http://www.tech-nature.com">www.tech-nature.com</a>

Bio-based polymers, derived from biotechnology, combine performance and sustainability. Sourced from renewable resources, they offer a bio-assimilable alternative to petrochemical-based plastics.

In collaboration with Polymar, Technature has developed a dry lace mask made from bio-based polymer, 3D-printed and infused with a full range of cosmetic actives. A simple rehydration in seconds releases the active ingredients, delivering a unique sensory experience.

A 4D bio-printed lace mask, merging biotechnology and biosourcing, for a tailor-made skincare solution that embodies innovation, luxury, and sustainability.

Product benefits:

- 100% natural formula, water-free
- Bio-based and bio-assimilable
- Fully customizable support

## Airlica as SPF boosting filler

<b>PRODUCT TYPE:</b>	Functional, Protection, Facial products
<b>CATEGORIES:</b>	UV filters, SPF boosters
<b>EMAIL:</b>	<a href="mailto:airlica@tokuyamagr.com">airlica@tokuyamagr.com</a>
<b>WEBSITE:</b>	<a href="http://www.tokuyama.co.jp/eng/products/life_science/airlica.html">www.tokuyama.co.jp/eng/products/life_science/airlica.html</a>

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A spherical silica aerogel, Airlica's, shows new function SPF boosting effects. It is expected to reduce the amount of UV absorbers. In addition to SPF boosting effect, it gives velvety texture and reduces sticky feeling of sunscreens.

# Tokuyama Corporation

## Airlica™ as SPF Boosting filler

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	UV scattering agent (50% dispersion of fine titanium dioxide)	CYCLOPENTASILOXANE, ETHYLHEXYL PALMITATE, TITANIUM DIOXIDE, ALUMINUM HYDROXIDE, ISOSTEARIC ACID, POLYHYDROXYSTEARIC ACID	15.0	
	UV scattering agent (50% dispersion of fine zinc oxide particles)	ZINC OXIDE, CYCLOPENTASILOXANE, ETHYLHEXYL PALMITATE, POLYHYDROXYSTEARIC ACID, METHICONE	15.0	
	Interfacial active agent	Sorbitan stearate	2.0	
	Interfacial active agent	Polyglyceryl-10 myristate	0.5	
	Antioxidant	Tocopherol	0.1	
	UV absorbing agent	Ethylhexyl methoxycinnamate	5.0	
	UV absorbing agent	Diethylamino hydroxybenzoyl hexyl benzoate	3.0	
	SPF boosting agent	Silica Silylate (Airlica™)	0.5	Tokuyama Corporation
B	Moisturizing agent	Butylene glycol	7.0	
	Interfacial active agent	Sodium methyl stearoyl taurate	0.5	
	Thickening agent	Xanthan gum (2% aqueous solution)	5.0	
	Film forming agent	Biosaccharide gum-1 with Phenoxyethanol 1.5%	1.0	
	Thickening agent	Hydroxypropyl methylcellulose stearoxy ether	3.0	
	Solvent	Water	25.0	
C	Solvent	Ethanol	5.0	
	Solvent(for a total of 100)	Water	12.4	

### Procedure

1. Uniformly disperse components A and B at 80°C.
2. While stirring component B with a homogenizer, gradually add component A and emulsify it.
3. Cool to 40°C while stirring, and add component C.

### Properties

- SPF Boosting Effect
- Improvement of sticky feel

## TRIsol™ KCP

<b>PRODUCT TYPE:</b>	Functional, Facial care, Protection
<b>CATEGORIES:</b>	Conditioning agents, UV filters, SPF boosters, Surfactants, foaming agents
<b>EMAIL:</b>	<a href="mailto:info@tri-k.com">info@tri-k.com</a>
<b>WEBSITE:</b>	<a href="http://www.tri-k.com">www.tri-k.com</a>

TRIsol™ KCP is a cutting-edge, sustainable emulsifier revolutionizing cosmetic formulations by combining high performance with eco-conscious innovation. Featuring a patent-pending, solvent-free process, it enables stable, high-SPF sunscreen products, vibrant color cosmetics, and emollient-rich skincare solutions.

TRIsol™ KCP enhances SPF stability, reduces transepidermal water loss, boosts skin hydration, and ensures long-lasting, bold pigments, making it a versatile choice for modern beauty needs. NOI: 1.0.

- Patent Pending Solvent-free Process
- Unique Ratio Of Monocetyl: Dicetyl Alkyl Chain Enables Creation Of Stable High SPF Sunscreen Formulations & SPF Boosting Capabilities
- Reduces TEWL And Increases Perceived Moisturization

## WTGPhLA Kimchi Filtrate Organic Preservative

<b>PRODUCT TYPE:</b>	Functional, Facial care, Cleansing, shampoos
<b>CATEGORIES:</b>	Preservatives, preservative boosters, Anti-microbial agents, Bio-fermentation ingredients, Antioxidants, Plant extracts
<b>EMAIL:</b>	<a href="mailto:kwanyoungceo@whitetigerground.com">kwanyoungceo@whitetigerground.com</a>
<b>WEBSITE:</b>	<a href="http://andkwanbiocare.org/product/list.html?cate_no=30andkwanbiocare.org">andkwanbiocare.org/product/list.html?cate_no=30andkwanbiocare.org</a>

The world's first commercialized kimchi-derived cosmetic ingredient.

Through extensive research, we have extracted and developed a novel material from the Korean traditional food kimchi, beneficial to both people and the environment. This achievement marks the world's first commercialization of kimchi as a cosmetic ingredient, representing the first step in utilizing it, beyond the lactic acid bacteria in kimchi, as an eco-friendly bio-novel material.

Passed preservative efficacy testing by an internationally accredited testing laboratory.

Clinically proven to improve acne, pores, scalp flaking, and hair loss.

Certified 0% irritation for both sensitive and normal skin.

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