

# in-cosmetics™ asia

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# Innovation Zone Guide

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COSMOS  
APPROVED



NATRUE Approved

## NovoRetin™

The natural alternative  
to retinol

- Boosts naturally occurring retinoic acid in the skin
- Improves skin elasticity and density
- Effects immediate lifting
- Visibly refines pores and blemishes
- Stable and safe retinol activity

Visit us at booth M30



[www.mibellebiochemistry.com](http://www.mibellebiochemistry.com)



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, firming/lifting
<b>Email</b>	<a href="mailto:info@mibellebiochemistry.com">info@mibellebiochemistry.com</a>
<b>Website</b>	<a href="http://www.mibellebiochemistry.com/">www.mibellebiochemistry.com/</a>

Based on mastic, an aromatic resin from the bark of a tree that grows on the Greek island of Chios, NovoRetin™ is an innovative plant-based retinol alternative demonstrating exceptional benefits for impure skin and strong anti-aging effects. By inhibiting CYP26 enzymes that degrade retinoic acid, NovoRetin™ is able to increase the amount of naturally occurring retinoic acid, the active form of retinol, in the skin. Thus, NovoRetin™ serves as ideal natural retinol alternative for cosmetic formulations.

- Boosts naturally occurring retinoic acid in the skin
- Improves skin elasticity and density
- Effects immediate lifting

# Advanced Anti-Aging Mask with NovoRetin™

MIBELLE BIOCHEMISTRY  
M30

1

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Aqua/Water	Aqua/Water	ad 100%	
	1.3 Butylene Glycol	Butylene Glycol	2.5	
	Dissolvine GL-47-S	Tetrasodium Glutamate Diacetate	0.2	AkzoNobel
	TEA	Triethanolamine	0.32	
	Carbopol 981 (2% Sol. With BG)	Carbomer (and) Aqua (and) Butylene Glycol	17.5	Lubrizol
	Granhydrogel O-NP	Water (and) Glyceryl Polyacrylate (and) PVM/MA Copolymer (and) Phenoxyethanol (and) Ethyhexylglycerin	2.5	Grant Industries, Inc.
<b>B</b>	HySilk Powder	Sodium Hyaluronate	0.2	Contipro
	Iscaguard PEG	Phenoxyethanol (and) Triethylene Glycol	0.6	ISCA UK Limited
	Iscaguard CPG	Caprylyl Glycol	0.3	ISCA UK Limited
	Zemea Select	Propanediol	5	DuPont
	BH-800	1,2-Hexanediol	0.3	B&B Korea Company
<b>C</b>	Natura-Tec Olive Squalane	Squalane	0.5	Natura-Tec
	Natura-Tec Plantsil	Hydrogenated Ethylhexyl Olivatate (ø) Hydrogenated Olive Oil Unsaponifiables	1.5	Natura-Tec
	Naturasol Hydra A	Sodium Polyacrylate (and) Hydroxyethylcellulose (and) Ethylhexyl Stearate (and) Trideceth-6	0.4	Rheolab
	Hydriol PGLO.4	Polyglyceryl-4 oleate	0.5	Hydriol AG
<b>D</b>	NovoRetin™	Pistacia Lentiscus Gum / Pistacia Lentiscus (Mastic) Gum (and) Lecithin (and) Pentylene Glycol (and) Glyceryl Caprylate / Caprate (and) Caprylic / Capric Triglyceride (and) Aqua / Water	3	Mibelle Group Biochemistry
	Granspower Silica	Silica	2	Grant Industries, Inc.

## Procedure

1. Add the phase A to the batch, mix until uniform.
2. Weight phase B and mix it well.
3. Add the phase B to phase A with moderate agitation, mix until uniform
4. Weight phase C and mix it well.
5. Add the phase C to the batch with moderate agitation. Mix it for 15 minutes.
6. Add the raw materials of phase D one by one to the batch. Mix until uniform.

## Properties

pH Value: 5.5 - 6.5  
Appearance: Lotion  
Viscosity: 5,000 - 8,000 mPa\*s  
Odor: Characteristics



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Lightening/whitening, botanicals, essential oils, plant extracts
<b>Email</b>	<a href="mailto:contact@actichem.fr">contact@actichem.fr</a>
<b>Website</b>	<a href="http://www.actichem.net/">www.actichem.net/</a>

Actichem has launched VITISIN<sup>®</sup> 1% Sol., a 100% natural origin active ingredient:

- Extracted from upcycled French vines: Vine roots from the natural renewal of vines
- Standardized in vegetal butylene glycol
- Contains more than 1% of Vitisin A and Vitisin B (Resveratrol derivatives)
- Activity of Vitisins on tyrosinase inhibition patented by Actichem
- Skin lightening and reduction of age spots activities proven by two clinical studies
- Halal and Kosher certified

# Lightening & Brightening Soothing Serum

ALLOZYMES PTE LTD  
X53

3

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Aqua	Aqua	72.95	Various
	Glycerin	Glycerin	3.00	Various
	Disodium EDTA	Disodium EDTA	0.10	Various
<b>B</b>	Neopentyl Glycol Diethylhexanoate	Schercemol NGDO	3.00	Lubrizol
	Hydrogenated Lecithin and C12-16 Alcohol and Plam- itic acid	Biophilic	2.00	Lucas Meyer Cosmetics (IFF)
	Isopropyl Isostearate	Schercemol 318	2.00	Lubrizol
	Diisopropyl Sebacate	Schercemol DIS	5.00	Lubrizol
	Glyceryl stearate and PEG-100 stearate	CreamMaker Blend	1.00	MakingCosmetics
	dl-a-Tocopheryl Acetate	Tocopheryl Acetate	0.25	DSM
<b>C</b>	Polyacrylate-13 (and) Polyisobutene (and) Polysorbate 20	Sepiplus 400	1.70	SEPPIC
	Saccharide Isomerate	Pentavin	3.00	DSM
	Undecylenoyl Phenylalanine	SEPIWHITE™ MSH	2.00	SEPPIC
	Glycerin and Water and Narcissus Tazetta Bulb Extract	IBR-Dormin	2.00	Lucas Meyer Cosmetics (IFF)
	Ethyl Oleate and water and Phytoene	Phytoene	1.00	Allozymes
	Pentylene Glycol, Caprylyl Glycol, Ethylhexylglycerin	STABIL ZERO	1.00	Akema

## Procedure

1. Phase A : Water Phase - warm it up to 75-80°C;
2. Phase B : Oil Phase - warm it up to 75-80°C.
3. Pour phase B to phase A and homogenize at 1200rpm for 5 minutes.
4. Add phase C ingredients one by one respectively. Stir until homogenous.
5. homogenize at 6000rpm for 2 minutes.
6. Adjust pH if necessary
7. Test physical properties and record results in data sheet.

## Properties

Low Viscosity  
Clear



## Product Type

Active ingredient, skincare, suncare

## Category

Biological, marine extracts, bio-fermentation, anti-ageing/anti-wrinkle, antioxidants, radical scavengers, hydration/moisturising, lightening/whitening

## Email

deepak@allozymes.com

## Website

[www.allozymes.com/](http://www.allozymes.com/)

- 
1. Anti-aging
  2. Antioxidant
  3. Photoprotection

# Caressense™ biofunctional

ASHLAND

STAND NUMBER

V10

4



<b>Product Type</b>	Active ingredient, skincare, decoratives
<b>Category</b>	Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts
<b>Email</b>	<a href="mailto:mtham@ashland.com">mtham@ashland.com</a>
<b>Website</b>	<a href="http://www.ashland.com">www.ashland.com</a>

Who power love's ageless beauty over time?

Caressense™ biofunctional is a phytofermented extract from fresh and organic jasmine flowers, sustainably grown in Provence (France) and inspired by the connection between skin and emotions and "science of love".

- It can activate skin's sensors of touch, the piezos, as a caress, releasing "feel-good" and anti-aging molecules.
- Developed by a sustainable patented biotechnology: Phytofermentology™, the unique signature composition is rich in flower peptides and bioactive phytonutrients for age-relaxing, less tissue sagging and healthy glow effect.
- Clinically proven to improve emotional well-being.



# healthy glow cream (formula # 100-10189)

ASHLAND  
V10

4

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	purified water	Water/Aqua	74.219	Local
<b>B</b>	NatraThix™ Bio cellulose	Cellulose Gum	0.40	Ashland
	Polysurf™ 67 CS HMHEC	Cetyl Hydroxyethylcellulose	0.30	Ashland
<b>C</b>	Belsil* W3230	Bis-Stearoxydimethylsilane (and) Stearyl Alcohol (and) Dimethicone	2.00	Wacker
	Simulsol* 165	PEG-100 Stearate (and) Glyceryl Stearate	4.00	Seppic
	Refined shea Butter	Butyrospermum Parkii (Shea) Butter	2.00	Ashland
	Ceraphyl™ 28 ester	Cetyl Lactate	1.50	Ashland
	Ceraphyl™ 791 ester	Isocetyl Stearoyl Stearate	2.00	Ashland
	Ceraphyl™ ODS ester	Octyldodecyl Stearate	3.00	Ashland
	Ceraphyl™ 368 ester	Ethylhexyl Palmitate	4.00	Ashland
<b>D</b>	Unipure* Yellow LC 182 ADT-C	CI 77492 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.02	Sensient
	Unipure* Red LC 381 ADT-C	CI 77491 (IronOxides) (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.01	Sensient
	Unipure* Black LC 989 ADT-C	CI 77499 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.001	Sensient
	Unipure* White LC 987 ADT-C	CI 77891 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.35	Sensient
<b>E</b>	sensiva™ go natural multifunctional	Caprylyl Glycol (and) Glyceryl Caprylate (and) Propanediol	2.00	Ashland
<b>F</b>	PF ONAT Jasmin of lily	Fragrance/Parfum (and) Limonene(and) Linalool	0.20	Robertet
	Caressense™ biofunctional	Water/Aqua (and) Propanediol (and) Jasminum grandiflorum flower extract	2.00	Ashland
	Timiron* Splendid gold	CI 77891 (and) Mica (and) Silica	2.00	Merck
<b>G</b>	Total		100.00	

## Procedure

1. In the main beaker, at RT, sprinkle phase B in water while mixing
2. Heat at 75°C while mixing at least 30 minutes, until the gel is smooth
3. At RT, mix and grind phase D ingredients
4. In a side beaker, heat and mix phase C at 75°C then add D into C and mix well until homogeneous
5. At 75°C, add slowly phase CD into phase AB
6. Start to cool down the batch
7. At 50°C, add phase E and mix well
8. At 30°C, add phase F ingredients one by one and mix well between each addition
9. Stop at RT, once color is uniform

## Properties

Description: pearly peachy beige O/W emulsion

pH: 6.20 - 6.70

Viscosity: (Brookfield RVT | Spindle B | 5 RPM | 1 minute | 25°C)

This formula has already passed 1-month accelerated lab stabilities and is expected to pass 3-month accelerated lab stabilities.

It has passed a 28-day challenge efficacy test; however, the preservative system has not been optimized to its lowest effective level.

# AVT Quercetageitin 90

AVT NATURAL PRODUCTS LIMITED

STAND NUMBER

**X-25**

**5**



<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Lightening/whitening, antioxidants, radical scavengers, anti-inflammatory, anti-irritants, soothing agents, anti-ageing/anti-wrinkle, anti-pollution
<b>Email</b>	subarna.saha@avtnatural.com
<b>Website</b>	www.avtnatural.com

AVT Quercetageitin 90 is a Flavonoid from Marigold flower with broad range of therapeutic benefits.

It is a natural anti-oxidant, anti-inflammatory, pigmentation inhibitor, ROS scavenger & UVR protectant. It is COSMOS, Halal & Kosher certified.

AVT QG90 is "Non-Irritant & non-allergenic to skin" on human volunteers up to 1% concentration as revealed by PIPT & HRIPT Tests.

- Seed-to-Fork approach, farming & breeding of Marigold flower
- Created from sustainable source, processed using green solvents
- Full face clinical study of 1% QG90 cream demonstrated, significant improvement in skin even tone, radiance, melanin reduction



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, lightening/whitening
<b>Email</b>	komsan.imphanban@basf.com
<b>Website</b>	<a href="http://www.carecreations.basf.com/">www.carecreations.basf.com/</a>

Postbiolif is a new generation of anti-aging postbiotic released by the "YOUTH BACTERIA": Lactobacillus crispatus. BASF discovered a real breakthrough: a specific bacteria residing in the Crow's feet region named Lactobacillus crispatus, which disappear over time on mature skin

- First postbiotic made from Lactobacillus crispatus, a bacterium naturally present on the skin, which tends to disappear from the skin surface with aging
- In vitro, stimulates synthesis of elastin and its partners, decreases melanin synthesis and decrease slows-down dermotension (botulinum toxin-like)
- Clinically proven to support healthy aging by improving skin elasticity, age spots, and smoothing expression wrinkles.

# Postbiolift™ in the holistic microbiome friendly formulation

BASF  
T10

6

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water, demin.	Aqua	64.08	Lab
	1,3 Butanediol	Butylene glycol	10.00	Kyowa Chemical Industry
	Na benzoat	SODIUM BENZOATE	0.25	Connect chemicals
	Eumulgin® Prisma	Disodium Cetearyl Sulfosuccinate	1.00	BASF
<b>B</b>	Glycerin	Glycerin	5.00	Molkem
	Rheocare® XGN	Xanthan Gum	1.00	BASF
<b>C</b>	Lameform® TGI	Polyglyceryl-3 Diisostearate	2.00	BASF
	Lanette® O	Cetearyl Alcohol	2.00	BASF
	Cetiol® RLF	Caprylyl Caprylate/Caprates	5.00	BASF
	Cetiol® CC	Dicaprylyl Carbonate	5.00	BASF
<b>D</b>	Cetiol® Ultimate	Undecane (and) Tridecane	2.00	BASF
<b>E</b>	Dermosoft 1388 Eco	Glycerin, Aqua, Sodium Levulinate, Sodium Anisate	1.00	Evonik
	CITRIC ACID 20%	CITRIC ACID	1.67	Chemceed

## Procedure

1. Heat the water phase A up around 75°C.
2. Mix the oil phase C separately around 75°C.
3. Add phase A into phase C while stirring.
4. Add phase B cold into the emulsion of A/C.
5. Cool down to <55°C, Add D then homogenise the formulation (4000rpm/ around 5 minutes).
6. At 40°C add all ingredients of phase E and adjust the pH value to <5.0 then homogenise the formulation (1000rpm/ around 2 minutes if necessary).
7. Stop stirring at 30°C.

## Properties

pH : 4.95, Viscosity : 8,633 mPas, Stability test at 45°C and 50 °C : pass 3 months, Microbiological stable -challenge test : Pass ISO11930 Criteria A



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Hydration/moisturising, anti-ageing/anti-wrinkle, firming/lifting, antioxidants, radical scavengers
<b>Email</b>	export@biocosmethic.com
<b>Website</b>	www.biocosmethic.com

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AQUALUNA® is an innovative and holistic approach to a triple hydration strategy that addresses the heterogeneity of skin dryness.

Coming from the flower of *Epiphyllum oxypetalum*. Also called Beauty under the Moon or Queen of the Night. The flower will only open for a few hours for a single night. Often used in homeopathy to relieve urinary tract infections and heart conditions, it is also considered as a sacred flower that brings good luck and prosperity.

# Hybloom™ Zinc Hyaluronate (HA-Zn)

BLOOMAGE BIOTECHNOLOGY CORPORATION LIMITED

STAND NUMBER

F40

8



<b>Product Type</b>	Active ingredient, skincare, oral care
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, hydration/ moisturising
<b>Email</b>	lester@bloomagebiotech.com
<b>Website</b>	www.bloomagebioactive.com

1. Bloomage Biotech has developed Hybloom™ Zinc Hyaluronate (HA-Zn) using patented technology, which features high zinc content and low sodium residue.
2. HA-Zn is the perfect combination of HA and zinc with both efficacies. HA-Zn not only has the moisturizing, repairing, nourishing properties of HA, but also has the antioxidant and soothing properties of zinc. In addition, HA-Zn can greatly improve the bioavailability of zinc and promote the absorption of zinc ions by the skin.
3. Bloomage Biotech discovered synergistic effects of HA-Zn on moisturizing, bacteriostatic anti-oxidation, soothing, and oil control functions.

# ZINC HYDROLYZED HYALURONATE Repair Cream

BLOOMAGE BIOTECHNOLOGY CORPORATION LIMITED  
F40

8

PHASE	INGREDIENT	INCI (OR PROPOSED) NAME	% W/W	SUPPLIER
A		SODIUM SURFACTIN	0.05	
		BUTYLENE GLYCOL	3	
		GLYCERIN	3	
		XANTHAN GUM	0.05	
	EMT10	HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER POLYSORBATE 60 SORBITAN ISOSTEARATE WATER	0.45	
	Hybloom™ Zinc Hyaluronate (HA Zn)	ZINC HYDROLYZED HYALURONATE	0.1	Bloomage Biotechnology Corporation Limited
B	EMULIUM MELLIFERA	POLYGLYCERYL-6 DISTEARATE JOJOBA ESTERS POLYGLYCERYL-3 BEESWAX CETYL ALCOHOL	2.5	
	C16-18	STEARYL ALCOHOL CETYL ALCOHOL	2	
		TRIETHYLHEXANOIN	3	
		CETYL ETHYLHEXANOATE	5	
		BUTYROSPERMUM PARKII (SHEA) BUTTER	2	
		C10-18 TRIGLYCERIDES	3	
C		DIMETHICONE	2	
	FB-9586	CYCLOPENTASILOXANE DIMETHICONE DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	3	
D		HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER WATER ISOHEXADECANE POLYSORBATE 60 SORBITAN ISOSTEARATE	1.5	
E	Biobloom™ Microecobeauty ME-3	BIFIDA FERMENT FILTRATE Pentylene Glycol	2.5	Bloomage Biotechnology Corporation Limited
		ZEA MAYS (CORN) STARCH	2	
		WATER	5	
	K 350	PHENOXYETHANOL METHYLPARABEN ETHYLPARABEN PROPYLENE GLYCOL ETHYLHEXYLGLYCERIN	0.5	
		CITRUS PARADISI (GRAPEFRUIT) PEEL OIL	0.1	
F		WATER	to 100	

## Procedure

- Mix the A-phase ingredients homogeneously and add purified water, dissolve completely and raise the temperature to 75-80°C
- Mix phase B, raise the temperature to 75-80°C, then pour into phase A. Then pour phase C into the mixture and Homogenise for 3-5min
- Cool to 45-50°C, add D and E phases in turn, homogenise for 1-2min, stir to cool down
- Leave on for a white, glossy cream that feels moist and spreads easily on the skin.

## Properties

The cream uses Polyglycerides and Sodium Surfactin as the core emulsifier system, in a specific ratio, to provide a light and rich feel, and to improve the stability and safety of the cream. The oils are mainly solid esters of natural origin and liquid oil Cetyl Ethylhexanoate. The solid esters coat the skin for long-lasting moisturisation, while the liquid oil is light and provides a good spreadability and feel, avoiding the unpleasant smell and greasy residue caused by the oxidation of normal oils.i.e. pH, Viscosity, Appearance, Stability etc.

# Fat-soluble, natural, anti-browning & antioxidant 'BST-AR'

BST INC.

STAND NUMBER

# F10b

# 9



**Product Type** Active ingredient, skincare, haircare

**Category** Antioxidants, radical scavengers

**Email** bstfood@naver.com

**Website** www.ibst.kr

- 
- Fat-soluble, natural, anti-browning & antioxidant 'BST-AR' can replace fat-soluble synthetic antioxidants (BHA, BHT). It is composed of rutin from the flower bud of Sophora japonica and turmeric root extract.
  - Minimized loss of active components via low-temperature extraction.
  - Equal or superior antioxidant activity to tocopherol was confirmed via DPPH and ABTS radical scavenging ability evaluation. Excellent efficacy was also confirmed in Superoxide dismutase and reducing power assay.





<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Lightening/whitening
<b>Email</b>	choi@celliconlab.com
<b>Website</b>	www.celliconlab.com

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DST-DX is the first TARGETED skin-lightener.

1. DST-DX is the first-introduced skin-lightener in this industry that able to target and deliver to the melanocyte (melanin-cell).
2. It contains one of the most potent tyrosinase inhibitors, even more potent than hydroquinone.
3. Non-polyphenols, provides efficiency.



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, lightening/whitening
<b>Email</b>	<a href="mailto:bra.contact@chemyunion.com">bra.contact@chemyunion.com</a>
<b>Website</b>	<a href="http://www.chemyunion.com">www.chemyunion.com</a>

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An active ingredient for lightening age blemishes that promotes the homeostasis of the cellular detoxification system, autophagy and proteasome activity, capable of eliminating toxins and dysfunctional cellular biological components. Iselight is a plant-based extract composed of *Myrothamnus flabellifolia*, the traditional African-medicine "resurrection plant", and *Coffea arabica*, an important source of antioxidants.



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Botanicals, essential oils, plant extracts, lightening/whitening
<b>Email</b>	<a href="mailto:victoria.pang@clariant.com">victoria.pang@clariant.com</a>
<b>Website</b>	<a href="http://www.clariant.com/active-ingredients">www.clariant.com/active-ingredients</a>

Rootness Awake is an extract from the roots of sweet potato cultivated in aeroponic conditions thanks to the environmental-friendly Plant Milking technology, that allows direct stimulation of the roots, in order to produce active molecules. This leads to an extract rich in DCQEs.

Rootness Awake targets the main mechanisms of action responsible for dark circles and under-eye bags, improving eye contour brightness and stiffness (+95% after only 7 days) and a decreasing puffiness (-30% after 7 days).

- Obtained by Plant Milking technology, an environmental-friendly process
- From an inclusive plant that embraces our diversity
- Visibly illuminates the gaze

# Equinox Sleep Elixir

CLARIANT  
R48

12

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Water	to 100	
	Buffer solution pH 6	Water, Citric acid, Sodium Citrate	1.00	Jungbünzlauer
	Aristoflex® HMB	Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	0.50	Clariant
	Aristoflex® Silk	Sodium Polyacryloyldimethyl Taurate	0.20	Clariant
	Potassium Sorbate	Potassium Sorbate	0.10	
<b>B</b>	Plantasens® Olive LD SP ECO	Coco Caprylate/Caprate, Hydrogenated Olive Oil Unsaponifiables	3.00	Clariant
	Behenyl Alcohol	Behenyl Alcohol	2.00	
	Beracare CBA	Copaifera Officinalis (Balsam Copaiba) Resin, Passiflora Edulis Seed Oil	2.00	Clariant
	Beraca Cupuaçu Butter	Theobroma Grandiflorum Seed Butter	2.00	Clariant
<b>C</b>	Rootness® Awake	Propanediol, Water, Ipomoea Batatas Root Extract, Sodium Sulfate	1.00	Clariant
	Celyscence™	Glycerin, Water, Sylibum Marianum Extract	2.00	Clariant
	Plantasens® Berto® GuavoMoist P	Propanediol, Water, Psidium Guajava Fruit Extract	3.00	Clariant
<b>D</b>	Nipaguard® PE9010	Ethylhexylglycerin, Phenoxyethanol	1.10	Clariant
	Fragrance Butterfly kisses Ecolabel	Fragrance	0.05	

## Procedure

1. Disperse Aristoflex in phase A until a homogenous gel is formed and heat at 80°C.
2. Combine phase B and heat at 80°C until homogeneous
3. Combine Phase C and add to the mix while stirring (400 rpm)
4. Check final pH

## Properties

Appearance: Off white cream  
Viscosity (Brookfield, 20°C 20 rpm): 40-45 000 mpas  
pH: 6,4  
Stability: Stable for 1 month at RT and 40°C  
Safety: Passed EU Challenge test



<b>Product Type</b>	Active ingredient, haircare
<b>Category</b>	Botanicals, essential oils, plant extracts
<b>Email</b>	<a href="mailto:victoria.pang@clariant.com">victoria.pang@clariant.com</a>
<b>Website</b>	<a href="http://www.clariant.com/active-ingredients">www.clariant.com/active-ingredients</a>

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Prunizen™ is a natural active ingredient extracted from *Prunella vulgaris*. It fights the effects of psychoemotional stress on the hair through cortisol modulation, to prevent hair loss and visibly improve hair vitality and density for stressed people. In addition, Prunizen delivers strong anti-stress and well-being effects by helping increase oxytocin release. All these effects contribute to improve well-being for stressed people.

# Scalpific Relaxing Massage

CLARIANT  
R48

13

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Water	to 100	
	Buffer solution pH 6	Water, Citric Acid, Sodium Citrate	1.00	Jungbünzlauer
	Orange Flower Blossom Water	Orange Flower Blossom Water	2.00	
	Sodium Alginate	Sodium Alginate	1.00	
	Potassium Sorbate	Potassium Sorbate	0.10	
<b>A'</b>	Nipaguard® EHP	Phenoxyethanol, Ethylhexylglycerin	1.10	Clariant
	Polygala Extract	Butylene Glycol, Water, Polygala Tenuifolia Root Extract	2.00	
	B-Circadin®	Propanediol, Water, Lespedeza Capitata Leaf/Stem Extract	3.00	Clariant
	Prunizen™	Glycerin, Water, Prunella Vulgaris Extract	2.00	Clariant
	Blue & Red Dyes	Water, CI14720, CI16255, CI42090	0.10	
<b>B</b>	Water	Water	to 100	
	Calcium Chloride	Calcium Chloride	1.00	

## Procedure

1. Disperse Sodium Alginate to agitated water until homogenous, heat to 60°C and cool
2. Combine phase A' and mix with phase A while stirring (400 rpm)
3. Add the colours and mix until homogenous
4. Drop by drop, pour solution A into Phase B to form the beads
5. Rinse the beads thoroughly

## Properties

Appearance: Purple beads  
pH: 6,2  
Stability: Stable for 1 month at RT, 40°C and cycles  
Safety: Passed EU Challenge test

# Galactinol Advanced

CLARIANT

STAND NUMBER

R48

14



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Biological, marine extracts, bio-fermentation, anti-ageing/anti-wrinkle
<b>Email</b>	victoria.pang@clariant.com
<b>Website</b>	<a href="http://www.clariant.com/active-ingredients">www.clariant.com/active-ingredients</a>

Galactinol Advanced is a biomimetic active ingredient inspired by resurrection plants and obtained by biocatalysis. It boosts skin defense systems and strengthens skin resilience to help the skin face the extreme weather conditions it is increasingly exposed to due to climate change. This leads to a visible decrease in wrinkles volume (-19%) for photo-exposed skins. It is easy to formulate and respond to customers' quest for effective and environmental-friendly formulations.

- Obtained by biocatalysis, an environmental-friendly process
- Addresses climatic change-related skin issues
- Boosts skin resilience and protects its microbiome for a healthy-looking skin



**Product Type** Active ingredient, skincare

**Category** Anti-ageing/anti-wrinkle

**Email** [marketing@clr-berlin.com](mailto:marketing@clr-berlin.com)

**Website** [www.clr-berlin.com](http://www.clr-berlin.com)

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Based on the extremophile red alga *Galdieria sulphuraria*, CutiGuard CLR™ constitutes a refined approach to the first signs of skin aging. CutiGuard CLR™ reduces the number of senescent cells and associated inflammatory and destructive mediators which lead to visible skin aging:

- Transfers the adaptivity and resilience of an extremophilic red alga to skin cells
- Protects skin cells from the three main influences on skin aging: External stress, internal stress and time
- Acts strongly against cell senescence, reduces wrinkles and improves skin color evenness



# Escape the City Night Shot (with CutiGuard CLR™)

CLR CHEMISCHES LABORATORIUM DR. KURT RICHTER GMBH  
R30

15

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Deionized Water	Water	86.85	N.A.
	Keltrol T Plus	Xanthan Gum	0.14	CP Kelco
<b>B</b>	Zemea	Propanediol	3.00	DuPont Tate & Lyle
	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	3.00	CLR
	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	3.00	CLR
	ProRenew Complex CLR™	Lactococcus Ferment Lysate	3.00	CLR
	Euxyl K 712	Sodium Benzoate, Potassium Sorbate, Water	0.70	Ashland
<b>C</b>	NaOH (32%)	Water, Sodium Hydroxide	0.15	N.A.
<b>D</b>	Perfume Aloe Flower KWS	Fragrance	0.15	Frey + Lau
	Puricolor Red ARE 33 (2%) / Blue ABL9-X FDA (1%)	Water, Acid Red 33, Blue 1 Lake	0.01	BASF
			100.00	

## Procedure

1. Mix A and stir until uniform.
2. Add B in this order.
3. Adjust pH value to 5.2-5.5 with C.
4. Add D as desired.
5. Mix until homogeneous.
6. Directions for use:
7. Take a few drops and apply on the face before bedtime. Gently massage into the skin.

## Properties

liquid formulation with pH-value 5.45 that provides a silky soft skin feel.



<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, antioxidants, radical scavengers, anti-pollution, biological, marine extracts, bio-fermentation
<b>Email</b>	<a href="mailto:g.moro@codif-tn.com">g.moro@codif-tn.com</a>
<b>Website</b>	<a href="http://www.codif-tn.com">www.codif-tn.com</a>

## GO INTO WARRIOR MODE FOR HIGHLY RESILIENT SKIN

Idaskin is an active ingredient, coming from the microalga *Emiliana*, a force of nature. It creates its calcite armour, by absorbing large amount of CO<sub>2</sub> in the atmosphere.

This is why it is called «the green lung of the planet».

## IDASKIN REBOOTS SKIN'S RESILIENCE SYSTEMS TO FACE DAILY EXPOSOMAL AGGRESSIONS

Tested with an inclusive panel of 70 volunteers located in Singapore and South Africa, Idaskin decreases reactivity, imperfections, dryness, while improving the freshness and the homogeneity of the complexion.

# ANTI-POLLUTION MIST

CODIF TN  
D60

16

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	RASBERRY WATER	Aloe barbadensis leaf water & Rubus idaeus fruit water & Citric acid & Potassium sorbate & Sodium benzoate	20	IES LABO
	DEMINEALIZED WATER	Water	67.93	
	MICROCARE CPH	Chlorphenesin	0.27	THOR
<b>B</b>	CITRATE TRISODIQUE	Sodium citrate	0.7	A.M.I
<b>C</b>	IDASKIN PDO-CH	Sea water (and) Propanediol (and) Emilia huxleyi extract	2	CODIF TN
	GLYCERINE BIDISTILLEE CODEX	Glycerin	2	A.M.I
	HYDROLITE 5 GREEN	Pentylene glycol	5	SAFIC ALCAN
	EARTH MARINE WATER G	Sea water (and) Glycerin	1	CODIF TN
<b>D</b>	MONTANOX	Polysorbate 20	1	SEPPIC
	FRAGRANCE	Fragrance	0.1	

## Procedure

1. Heat phase A to 75°C under gentle agitation such as deflocculator or simple paddles. At temperature, maintain stirring under these conditions for 10 minutes.
2. Add B under the same conditions for 5 minutes.
3. Cool to 35°C under gentle agitation.
4. Add the materials of C one by one under gentle agitation then the mixture D and maintain agitation for 15 minutes.

## Properties

Clear, colorless lotion  
pH = 6.3

# SEDERMA BB-BIONT™

CRODA SINGAPORE PTE LTD

STAND NUMBER

H10

17



<b>Product Type</b>	Active ingredient, skincare, decoratives
<b>Category</b>	Anti-acne, anti-inflammatory, anti-irritants, soothing agents
<b>Email</b>	raelene.yeo@croda.com
<b>Website</b>	www.crodapersonalcare.com

BB-BIONT™ protects the 4th skin layer, the microbiome. It selectively slows down the growth of Cutibacterium acnes and deconstructs its biofilm to avoid inflammatory skin damage. It also preserves the microbiome biodiversity promoting a healthy skin. BB-BIONT™ bans the cutaneous blemishes and helps to naturally achieve a flawless skin appearance.

- A gentle alternative to aesthetic medicine that ingeniously heals the holobiont to smooth the cutaneous blemishes
- Slows down the growth of Cutibacterium acnes and deconstructs its biofilm to avoid inflammatory skin damage
- Recommended for skin care and make-up products, where it is colourless and cold-processable

# VITAMIN B12 CRYST

DSM PERSONAL CARE

STAND NUMBER

T70

18



## Product Type

Active ingredient, skincare, suncare

## Category

Anti-inflammatory, anti-irritants, soothing agents, vitamins, anti-pollution, anti-ageing/anti-wrinkle, biological, marine extracts, bio-fermentation

## Email

nicolas.lasbistes@dsm.com

## Website

[www.dsm.com/personal-care/en\\_US/products/vitamins/b12-biotech-naturally-derived.html](http://www.dsm.com/personal-care/en_US/products/vitamins/b12-biotech-naturally-derived.html)

A naturally derived biotech, water soluble, Vitamin B12 crystal. Our new studies demonstrate this vitamin calms irritated skin, helps prevent photo-damaged skin, support skin microbiome, protects the skin barrier against damage induced by inflammation and helps maintain healthy-looking skin for a vibrant appearance. Vitamin B12 significantly stimulates the epigenetic regulation of the inflammasome, by an over-expression ex-vivo of the key miRNA-22-3p and reduce the release of the inflammatory cytokines Il1-b.

#Biotech Naturally derived pink vitamin.

#Reduction of the pro-inflammatory cytokine

#Reduces significantly the NLRP3-inflammasome activation.

# AKB Ultra HYA-Boost Serum SK-S-101964-1

DSM NUTRITIONAL PRODUCTS ASIA PACIFIC PTE. LTD  
T70

18

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	JNA-CS50	CETEARYL ALCOHOL	3.000	JEONGNAM FAT & OIL CHEMICAL CO., LTD.
	Phytosqualan	SQUALANE	1.000	SOPHIM
	Lexol GT-865	CAPRYLIC/CAPRIC TRIGLYCERIDE	4.000	INOLEX CHEMICAL COMPANY
	Salacos 5408	PENTAERYTHRITYL TETRAETHYLHEXANOATE	1.000	THE NISSHIN OILIO GROUP, LTD.
	KF-96A-1CS	TRISILOXANE	3.000	SHIN-ETSU CHEMICAL CO., LTD.
	Mixed Tocopherols 95	TOCOPHEROL	0.100	DSM NUTRITIONAL PRODUCTS LTD
	AMPHISOL® K	POTASSIUM CETYL PHOSPHATE	1.000	DSM NUTRITIONAL PRODUCTS LTD
<b>B</b>	Water Dem	AQUA	62.700	
	Dissolvine NA2-S	DISODIUM EDTA	0.050	NOURYON CHEMICALS
	HYA-ACT™ M	SODIUM HYALURONATE	0.150	DSM NUTRITIONAL PRODUCTS LTD
	Structure XL	HYDROXYPROPYL STARCH PHOSPHATE, AQUA	0.500	NOURYON
<b>C</b>	Aristoflex Silk	SODIUM POLYACRYLOYLDIMETHYL TAURATE	0.400	CLARIANT GMBH
<b>D</b>	D-PANTHENOL	PANTHENOL	5.000	DSM NUTRITIONAL PRODUCTS LTD
	TILAMAR® PDO with NØØVISTA™	PROPANEDIOL	8.000	DSM NUTRITIONAL PRODUCTS LTD
<b>E</b>	Water Dem	AQUA	5.000	
	Niacinamide PC	NIACINAMIDE	4.000	DSM NUTRITIONAL PRODUCTS LTD
	Vitamin B12 Crystalline	CYANOCOBALAMIN	0.002	DSM NUTRITIONAL PRODUCTS LTD
<b>F</b>	Hydrolite 6 O	1,2-HEXANEDIOL	1.000	SYMRISE GMBH & CO.KG
	Sensiva SC 50	ETHYLHEXYLGLYCERIN	0.050	SCHÜLKE & MAYR GMBH
	Fragrance	PARFUM	0.050	

## Procedure

1. Prepare Phase B under overhead stirring. Add ingredients one by one in sequence, ensuring solution is homogenous before each addition. Ensure HYA-ACT M is properly hydrated in the water phase. Heat up water to 75 - 80°C.
2. Combine Phase A in a separate beaker and heat up to 80-85°C
3. Prepare phase C in advance in a pre-mix.
4. Add phase A into phase B at parallel temperature of 75°C - 80°C while homogenizing at 6000-7000 rpm for 2 minutes. Add Aristoflex Silk into the bulk emulsion and homogenize for 2-3 minutes at 6000 - 7000 rpm.
5. Bring bulk emulsion under overhead stirring and cool down to below 40°C.
6. Add Phase E into the bulk while stirring and mix well until homogeneous.
7. Add Phase F to the bulk in sequence. Mix well before each addition.

## Properties

pH 5.7 - 6.2  
Viscosity 17,000 - 27,000 cps (LV#4, 12rpm)

# Bamboo Extensin

DURAE CORPORATION

STAND NUMBER

**K30**

**19**



**Product Type** Active ingredient, skincare

**Category** Anti-ageing/anti-wrinkle, hydration/moisturising, antioxidants, radical scavengers, anti-bacterial

**Email** [kyj@durae.co.kr](mailto:kyj@durae.co.kr)

**Website** [www.durae.kr/](http://www.durae.kr/)

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It is a plant-derived collagen that is made by hydrolyzing the glycoproteins present in the cell wall of plants. It contains hydroxyproline, proline, and glycine, which are the main ingredients of animal collagen.

1. Vegan collagen
2. Easily absorbed by the skin because the molecular weight is smaller than animal collagen
3. Free from impurities like heavy metals or any other additives that can be in animal collagen



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle
<b>Email</b>	nareerat.wagner@evonik.com
<b>Website</b>	<a href="https://personal-care.evonik.com/en">https://personal-care.evonik.com/en</a>

The unique short-chain ceramide SPHINOX<sup>®</sup> Lift was found to stimulate the cross-talk between cells throughout the skin. Due to its bioavailability to deeper skin layers, it functions as a signalling molecule, providing multilayer activity and improving the state of the various skin layers.

- Bioactive short-chain ceramide
- Tightens the skin and visibly lifts face contours
- Adds firmness and tonicity to sagging skin
- Plumps and densifies the skin
- Reduces the appearance of wrinkles
- Usage concentration: 0.02 - 0.2%



# SPHINOX® Lift

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

P30

20

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	dermofeel® NC MB	Polyglyceryl-3 Distearate; Glyceryl Stearate Citrate	3	Evonik
	TEGIN® M Pellets MB	Glyceryl Stearate	2	Evonik
	TEGOSOFT®AC MB	Isoamyl Cocoate	5	Evonik
	TEGOSOFT® DC MB	Decyl Cocoate	2.9	Evonik
	TEGOSOFT® OER MB	Oleyl Erucate	2	Evonik
	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	10	
	Bodyflux® Olive	Ceramide NP	0.05	Evonik
	Phytosphingosine SLC	Salicyloyl Phytosphingosine	0.05	Evonik
	SPHINOX® Lift	Ceramide NP	0.05	Evonik
<b>B</b>	Glycerin	Glycerin	3	
	Water	Water	70.95	
<b>C</b>	Verstatil® PC	Phenoxyethanol, Caprylyl Glycol	1	Evonik
<b>D</b>	Perfume	Perfume	q.s.	

## Procedure

1. Heat phase A and B to 75-80 °C.
2. Add phase B to A without stirring.
3. Homogenize.
4. Cool with gentle stirring.
5. Add phase C below 40 °C.

<sup>1</sup> Important: If phase A has to be charged into the vessel first, phase B must be added without stirring.



<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Anti-ageing/anti-wrinkle, lightening/whitening
<b>Email</b>	mlsoong@gattefosse.sg
<b>Website</b>	<a href="https://www.gattefosse.com/">https://www.gattefosse.com/</a>

Solastemis acts at the heart of the epidermis mechanics, by protecting the DNA of keratinocytes from lesions induced by UVA and boosting endogenous DNA repair capacity. It preserves the stem cells of the epidermis ensuring long-term health for the skin.

Solastemis also offers a shield for the dermis by protecting collagen and elastin from degradation induced by solar radiations.

Photoaging associated symptoms are visibly corrected: Wrinkles are reduced. The skin complexion appears brighter, more even and healthier.

- Preservation of stem cells against UVA-induced DNA lesions
- Biological photoprotection, a complementary action to SPF
- Traceable and sustainable sourcing from La Réunion Island

# Cristalhyal<sup>®</sup> e-Perfection

GIVAUDAN ACTIVE BEAUTY

STAND NUMBER

**T40**

**22**



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Biological, marine extracts, bio-fermentation, anti-ageing/anti-wrinkle, hydration/moisturising
<b>Email</b>	<a href="mailto:melanie.pelican@givaudan.com">melanie.pelican@givaudan.com</a>
<b>Website</b>	<a href="https://www.givaudan.com">https://www.givaudan.com</a>

Young consumers' number one priority for their skincare routine is by far moisturising, followed by mattifying and correction of ageing first signs.

Cristalhyal<sup>®</sup> e-Perfection is a high molecular weight hyaluronic acid, the hero ingredient when it comes to hydration, vectorised into the skin thanks to the use of bentonite clay and its peculiar lamellar structure. By changing electrostatic charges of hyaluronic acid, its affinity with the skin is improved, bringing deep penetration and enhanced benefits.

Cristalhyal<sup>®</sup> e-Perfection brings instant (1 application) and long-term gratification with:

- Long-lasting moisturising, for more than 24h
- Skin smoothing properties
- Fine lines reduction
- Detoxification
- Mattifying

# S3D® STEP UP

GIVAUDAN ACTIVE BEAUTY

T40

22

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Aqua / Water Agar	Ina Kanten CS-310TR	SQ 100% 1%	Iwase Cosfa
<b>B</b>	Glycerin Xanthan gum	Vegetal glycerin rapeseed Keltrol CG-SFT	2% 0.25%	Oleon CP Kelco
<b>C</b>	Cetearyl alcohol, Glyceryl stearate, Jojoba esters, Helianthus annuus (sunflower) seed wax, Sodium stearyl glutamate, Water, Polyglycerin-3 Sodium stearyl glutamate Cetearyl palmitate, Cetearyl stearate Coco-caprylate/caprate Ethyl olivate, Triheptanoin	Emulium Dolce MB Amisoft HS-11PF Radia 7500 DUB 810C DUB Sogreen	2.7% 0.72% 0.9% 4.5% 4.5%	Gattefossé Ajinomoto Oleon Stearinerie Dubois Stearinerie Dubois
<b>D</b>	Sodium Acrylate/Sodium acryloyldimethyl taurate copolymer, Water, C15-19 Alkane, Polyglyceryl-6 laurate, Polyglycerin-6, Sorbitan oleate, Sorbitan isostearate	Sepilife Nude	1%	Seppic
<b>E</b>	Caprylyl glycol, Glycerin, Water Sorbitan caprylate, Propanediol, Benzoic acid	E-leen 8 Nipaguard SCE	0.7% 1%	Minasolve Clariant
<b>F</b>	Hordeum vulgare seed flour	Amaze Nordic Barley	1%	Nouryon
<b>G</b>	Bentonite, Sodium hyaluronate	Cristalhyal® e-Perfection	1%	Givaudan
<b>H</b>	Water, Propanediol, Sodium mannose phosphate, Mannose, Lysine, Lactic acid, Proline, Copper sulfate Fragrance Tris (Tetramethylhydroxypiperidinol) citrate, Water, Alcohol	NeoporylTM Fragrance Asiatique mod 2 EAK51105/00 Tinogard Q	1% 0.2% 0.25%	Givaudan Givaudan BASF
<b>I</b>	Water, Citric acid	Citric acid 50%	SQ pH 5.6	Brenntag

## Procedure

1. Prepare A under gentle stirring at 80°C until total homogenization;
2. Prepare the premix B and add B to A under gentle stirring at 80°C
3. Prepare C at 80°C and add D to C just before the emulsification;
4. Add AB to CD under high stirring at 3000 rpm for few minutes until total homogenization;
5. Add E at 60°C at 2000 rpm;
6. Cool down under gentle stirring at 30°C and add F and G under gentle stirring and then mix at 2000 rpm for few minutes until total homogenization;
7. Add H under mixing at 2000rpm and adjust the pH with I to 5.6.

## Properties

Aspect: Green shampoo • Viscosity : / • pH : /



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, biological, marine extracts, bio-fermentation
<b>Email</b>	melanie.pelican@givaudan.com
<b>Website</b>	<a href="https://www.givaudan.com/activebeauty">https://www.givaudan.com/activebeauty</a>

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Pore size is a common aesthetic concern, which ultimately gives rise to “porexia” among some self-conscious customers.

While pore size enlargement is associated to age or gender, two biological factors are originally to blame:

- Parakeratosis, severely altering epidermis’ structure and making it more rigid because of hyperkeratinisation and hyper differentiation
- Coarse epidermis where a loss of collagen leads to poor skin remodelling.

Neoporyl™ was designed to counteract these as it:

- Limits hyper differentiation in the epidermis,
- Reduces nucleated cells density in the stratum corneum,
- Restores collagens expression in fragilized dermis,
- Boosts mature collagen and decorin production

# S3D® STEP UP

GIVAUDAN ACTIVE BEAUTY

T40

23

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Aqua / Water Agar	Ina Kanten CS-310TR	SQ 100% 1%	Iwase Cosfa
<b>B</b>	Glycerin Xanthan gum	Vegetal glycerin rapeseed Keltrol CG-SFT	2% 0.25%	Oleon CP Kelco
<b>C</b>	Cetearyl alcohol, Glyceryl stearate, Jojoba esters, Helianthus annuus (sunflower) seed wax, Sodium stearyl glutamate, Water, Polyglycerin-3 Sodium stearyl glutamate Cetearyl palmitate, Cetearyl stearate Coco-caprylate/caprates Ethyl olivate, Triheptanoin	Emulium Dolce MB Amisoft HS-11PF Radia 7500 DUB 810C DUB Sogreen	2.7% 0.72% 0.9% 4.5% 4.5%	Gattefossé Ajinomoto Oleon Stearinerie Dubois Stearinerie Dubois
<b>D</b>	Sodium Acrylate/Sodium acryloyldimethyl taurate copolymer, Water, C15-19 Alkane, Polyglyceryl-6 laurate, Polyglycerin-6, Sorbitan oleate, Sorbitan isostearate	Sepilife Nude	1%	Seppic
<b>E</b>	Caprylyl glycol, Glycerin, Water Sorbitan caprylate, Propanediol, Benzoic acid	E-leen 8 Nipaguard SCE	0.7% 1%	Minasolve Clariant
<b>F</b>	Hordeum vulgare seed flour	Amaze Nordic Barley	1%	Nouryon
<b>G</b>	Bentonite, Sodium hyaluronate	Cristalhyal® e-Perfection	1%	Givaudan
<b>H</b>	Water, Propanediol, Sodium mannose phosphate, Mannose, Lysine, Lactic acid, Proline, Copper sulfate Fragrance Tris (Tetramethylhydroxypiperidinol) citrate, Water, Alcohol	NeoporylTM Fragrance Asiatique mod 2 EAK51105/00 Tinogard Q	1% 0.2% 0.25%	Givaudan Givaudan BASF
<b>I</b>	Water, Citric acid	Citric acid 50%	SQ pH 5.6	Brenntag

## Procedure

1. Prepare A under gentle stirring at 80°C until total homogenization;
2. Prepare the premix B and add B to A under gentle stirring at 80°C
3. Prepare C at 80°C and add D to C just before the emulsification;
4. Add AB to CD under high stirring at 3000 rpm for few minutes until total homogenization;
5. Add E at 60°C at 2000 rpm;
6. Cool down under gentle stirring at 30°C and add F and G under gentle stirring and then mix at 2000 rpm for few minutes until total homogenization;
7. Add H under mixing at 2000rpm and adjust the pH with I to 5.6.

## Properties

Aspect: Green shampoo • Viscosity : / • pH : /



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts
<b>Email</b>	worapongpangma@greentech.fr
<b>Website</b>	<a href="http://www.greentech.fr/en/myralys-2/">www.greentech.fr/en/myralys-2/</a>

MYRALYS is a COSMOS-certified natural active ingredient, highly purified in gentiopicroside, sourced from organic wild yellow gentian roots (sustainably harvested in France) to rejuvenate the upper and lower eye contours. MYRALYS targets key biological pathways related to AGE formation, carbonyl stress, dermal matrix, inflammation and angiogenesis, to counteract eye contour aging.

MYRALYS lifts upper eyelids and reduces dark circles, eye bags and tear trough appearance, with visible results from 14 days of use. MYRALYS provides a total eye contour rejuvenation, for a time-defying look.

- Total eye contour rejuvenation (upper & lower contours)
- Multi-pathway approach (6 interconnected pathways)
- Highly purified Gentiopicroside

# Ocean Re-New® Collection Series Powered with FucoSkin®

HI-Q MARINE BIOTECH

STAND NUMBER

**F79**

**25**



## Product Type

Active ingredient, skincare, suncare

## Category

Anti-ageing/anti-wrinkle, anti-inflammatory, anti-irritants, soothing agents, biological, marine extracts, bio-fermentation, antioxidants, radical scavengers, anti-pollution

## Email

info@fucoidanhiq.com

## Website

www.fucoidanhiq.com/

Ocean Re-New® Collection Series is powered with FucoSkin® clinical tested brown seaweed extract. In human clinical trials, FucoSkin® improved skin smoothness, wrinkles, dermal collagen structure, pores and skin spot. This series is formulated with environmental and ocean friendly ingredients, using sustainable packaging, to strive for the next level of cosmetics - "Blue Beauty". Sustainability can be seen in every step: from highly effective scientifically proven ingredients that allow consumers to use less with the same efficacy, to recycle pack materials, to buy a refill instead of a complete product.

1. Scientifically proven ingredients
2. Marine-derived ingredients
3. Blue beauty trends





<b>Product Type</b>	Active ingredient, skincare, toiletries
<b>Category</b>	Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts, lightening/whitening, firming/lifting
<b>Email</b>	<a href="mailto:contact@ichimaru.co.jp">contact@ichimaru.co.jp</a>
<b>Website</b>	<a href="http://www.ichimaru.co.jp">www.ichimaru.co.jp</a>

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Adeplump creates an attractive and specific skin volume-up care by application, which is non-invasive and non-surgical procedure.

Screening several hundreds of extracts, Adeplump was identified (rare probability of 0.1%) as the best natural cosmetic ingredient to accelerate both growth and differentiation of subcutaneous preadipocytes. Adeplump leads to volume-up of 3D-cultured adipocytes.

Using just 1% of this COSMOS Approved ingredient significantly increase the volume the face, lips, breasts and provides beautiful skin-plumping to them. Not only did Adeplump lead to plumped skin it also provides an elastic, bright and wrinkle-less skin.

# LIPPLUMP GLOSS STICK

## (formulation provided by Nihon Emulsion)

ICHIMARU PHARCOS  
P60

26

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Sunflower Wax	Helianthus Annuus (Sunflower) Seed Wax	7	Yokozeki Oil&Fat Industries
	EMALEX HIS-34	Hexyldecyl Isostearate	41	Nihon Emulsion
	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	40.5	
	SYNCROWAX HR-C	Tribehenin	2	Croda Japan
	EMALEX TISG-10	Polyglyceryl-10 Triisostearate	3	Nihon Emulsion
	EMALEX DISG-10EX	Polyglyceryl-10 Diisostearate	5	Nihon Emulsion
	Tocopherol	Tocopherol	0.1	
	Phenoxyethanol	Phenoxyethanol	0.4	
<b>B</b>	Adeplump	Arnica Montana Flower Extract, Water, Butylene Glycol	1	Ichimaru Pharcos

### Procedure

1. Mix and dissolve phase A
2. Heat 9 to 30°C
3. Cool Phase A to 70°C with paddle stirring and add phase B.



<b>Product Type</b>	Active ingredient, haircare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, antioxidants, radical scavengers, botanicals, essential oils, plant extracts
<b>Email</b>	<a href="mailto:frederica.lam@lucasmeyercosmetics.com">frederica.lam@lucasmeyercosmetics.com</a>
<b>Website</b>	<a href="http://www.lucasmeyercosmetics.com/">www.lucasmeyercosmetics.com/</a>

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The rise of Skinification in hair care allowed people to understand the impact of scalp health on hair. Unhealthy scalp characterized by oxidative stress and chronic inflammation generates dandruff appearance, oily scalp and hair and reduced hair brightness. With its patent protected action, ReviScalp™, a natural and sustainable extract, works to improve scalp health and not just hide the symptoms. By increasing the production of Specialized Pro-Resolving mediators, ReviScalp™ was clinically proven to reduce dandruff appearance, oily scalp and hair, rebalance scalp pH, improve scalp barrier function and increase hair brightness to improve scalp health and provide lively natural hair.

# TROJAN Q10 Eye Care Treatment

INFINITEC ACTIVOS, S.L.

STAND NUMBER

**P30**

**28**



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Antioxidants, radical scavengers, anti-ageing/anti-wrinkle, firming/lifting
<b>Email</b>	<a href="mailto:nataschia.grimaldi@evonik.com">nataschia.grimaldi@evonik.com</a>
<b>Website</b>	<a href="http://www.infinitec.es">www.infinitec.es</a>

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An energizing refreshing eye care drops have been specifically formulated to target the eye area to renew and revive the skin around the eye, helping to revitalize tired looking skin. The light fresh serum stimulates the skin, and gradually reduces the appearance of fine lines and wrinkles, with the powerhouse cell-energizing Trojan Q10 technology enhancing antioxidant protection.

# Q10 Antioxidant Eye Care

INFINITEC ACTIVOS SL  
P30

28

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Aqua	87	Various
	Glycerin	Glycerin	8	Various
	Xanthan Gum	Xanthan Gum	0.5	Various
	Trojan Q10	Maltodextrin, Lactic Acid/Glycolic Acid Copolymer, Polyvinyl Alcohol, Ubiquinone, D-Arginyl Tyrosinyl Ornithinyl Phenylalanine, Pentapeptide-4	1	Infinitec
<b>B</b>	Dermosoft Pentiol ECO	Pentylene Glycol	2	Evonik
	Verstatil SL non GMO	Aqua; Sodium Levulinate; Potassium Sorbate	1.5	Evonik
<b>C</b>	Citric Acid 20% sol. in water	Citric Acid	q.s.	Internally Prepared

## Procedure

1. Prepare Phase A. Disperse part of Glycerin with Xanthan Gum and the rest with the Trojan Q10. Mix with water.
2. Add Phase B with moderate stirring.
3. Adjust pH to 6,00 - 7,00 with citric acid, 20% solution in water.

## Properties

Appearance Clear Serum  
Color Colourless  
Odour Characteristic  
pH 6,00 - 7,00

# Bio-PEC sunflower / Bio-PEC evening primrose

INCOSPHARM CORP.

STAND NUMBER

**T71**

**29**



## Product Type

Active ingredient, skincare, haircare

## Category

Botanicals, essential oils, plant extracts, anti-inflammatory, anti-irritants, soothing agents, emollients, lipids, antioxidants, radical scavengers

## Email

[skin@incospharm.com](mailto:skin@incospharm.com)

## Website

[www.incospharm.com](http://www.incospharm.com)

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Bio-PEC (Biosynthesis Phytoendocannabinoid) is a hassle-free alternative ingredient to cannabis beauty. Endocannabinoids are endogenous compounds working on cannabinoid receptor, whose general chemical structures are fatty acid amides. Through the enzyme-catalyzed bio-process, fatty acid amides constituents in plant oils were enriched and their activities on cannabinoid receptors were confirmed. Series of in vitro, ex vivo, and clinical studies showed cannabidiol (CBD)-like, skin soothing and meditating effects.



<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Lightening/whitening, antioxidants, radical scavengers, anti-ageing/anti-wrinkle
<b>Email</b>	<a href="mailto:sonia.dini@innovacos.com">sonia.dini@innovacos.com</a>
<b>Website</b>	<a href="http://www.innovacos.com">www.innovacos.com</a>

Ginsenolite™-G is derived from Korean Ginseng enriched with the bioactive components Ginsenosides. Ginsenosides possess a structure similar to that of plant polyphenols, well known for their antioxidant properties. Ginsenolite™-G's main application is for Skin Whitening and Digital Aging protection. It prevents skin melanocytes from producing and accumulating melanin pigments and was clinically shown to improve skin whitening. The high level of Ginsenosides in Ginsenolite™-G allows it to protect the skin from oxidative stress and dull complexion induced by blue light exposure, preventing digital aging.

- Reduction of physiological skin pigmentation
- Rescue melanocytes from cytotoxicity
- Digital aging response

# Digital Aging Response

INNOVACOS CORP.

M80

30

PHASE	INGREDIENT	INCI (OR PROPOSED) NAME	% W/W	SUPPLIER
<b>A</b>	Water (Aqua)		a.n.	
	Glycerin	Glycerin	3.00	
	Tetrasodium Glutamate Diacetate	Tetrasodium Glutamate Diacetate	0.05	
<b>B</b>	PolyAqual™-2W	Polyglyceryl-2 Stearate, Glyceryl Stearate, Stearyl Alcohol	3.50	Innovacos
<b>C</b>	Tapioca Starch	Tapioca Starch	0.50	
<b>D</b>	Dicaprylyl Ether	Dicaprylyl Ether	1.50	
	innolient™ SL	Stearyl Linoleate, Stearyl Stearate, Polyhydroxystearic acid, Stearyl Alcohol	1.00	Innovacos
	innolient™ LO	Octyldodecyl Oleate, Octyldodecyl Stearoyl Stearate, Polyhydroxystearic Acid, Octyldodecanol	1.50	Innovacos
	Propylheptyl Caprylate	Propylheptyl Caprylate	1.00	
<b>E</b>	GinsenoLite™-G	Glycerin, Water, Panax Ginseng Root Extract	1.00	Innovacos
	Preservative	Preservative	a.n.	
	Perfume	Parfum	a.n.	

## Procedure

1. Prepare phase A and phase D separately and warm them up to 75°C
2. Disperse phase B, at 75°C, in the water phase using a suitable dispersion unit and homogenize for a few minutes
3. Add phase C and homogenize until complete powder dispersion
4. Add phase D at 75°C and homogenize for a few minutes
5. Cool down under gentle stirring
6. Add the ingredients of phase E, in the given order, below 40° C.



# Acti - Hair Complex

LABORATORIOS ARGENOL S.L.

STAND NUMBER

**E34**

**31**



<b>Product Type</b>	Active ingredient, haircare
<b>Category</b>	Hair dyes, colourants, anti-dandruff, preservatives, conditioners
<b>Email</b>	<a href="mailto:l-alcalde@laboratorios-argenol.com">l-alcalde@laboratorios-argenol.com</a>
<b>Website</b>	<a href="http://www.laboratorios-argenol.com">www.laboratorios-argenol.com</a>

Acti-Hair Complex is a new active ingredient containing a mixture of metals with citric acid especially indicated for dry, weak, dull, split and brittle hair that often suffers when drying or daily live. Acti-Hair Complex is a unique set of elements for hair products. Hair gets stronger (anti-loss) shiner and sebum controlled. Tested dermatologically and effective with 1,4% dose in 28 days for:

- Decreasing the hair loss in more than 30%
- Decreasing seborrhoea in more than 47%
- Increasing the hair bright in more than 21%



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts, hydration/moisturising
<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>

Collagen is the structural biopolymer in animals and one of the most popular active ingredients in anti-aging & moisturizing categories in cosmetics. Yet, collagen is usually derived from animal or synthetic sources, which counteracts current cosmetic trends. With PhytoCollagen Lipoid Kosmetik offers an all-natural, sustainable collagen alternative sourced from the acacia tree with the following user benefits:

- Plant-based, sustainable collagen alternative
- Preferred collagen source & functional equivalent
- Improvement of structural & age-related skin parameters (anti-aging)
- Improvement of skin hydration

PhytoCollagen is perfectly suited for the modern, conscious beauty consumer.

# Boosting Lip Cream

LIPOID KOSMETIK AG  
U48

32

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Deionized Water	Aqua (Water)	Ad 100	
	Sodium Gluconate, Food Grade (FCC, EU)	Sodium Gluconate	0.20	Jungbunzlauer
	PhytoCollagen	Glycerin, Aqua (Water), Acacia Senegal Gum	2.00	Lipoid Kosmetik
	FD&C Yellow No.5	CI 19140 (Yellow 5), Sodium Sulfate, Sodium Chloride	q.s.	Symrise
	Symcolor® D&C Red No.33	CI 17200 (Red 33), Sodium Sulfate, Sodium Chloride	q.s.	Symrise
	Propylene Glycol	Propylene Glycol	3.00	
	Xanthan FNCSP-PC	Xanthan Gum	0.50	Jungbunzlauer
	Genuvisco® CG-131	Carrageenan	0.15	CP Kelco
<b>B</b>	LIPOID H 100-3	Hydrogenated Phosphatidylcholine	3.00	Lipoid Kosmetik
	Shea butter, organic	Butyrospermum Parkii (Shea) Butter	5.00	
	Coconut oil, organic	Cocos Nucifera (Coconut) Oil	3.00	All Organic Treasures
	Cupuacu butter, native, cold pressed	Theobroma Grandiflorum Seed Butter	2.00	
	Cutina® HVG	Hydrogenated Vegetable Glycerides	3.00	BASF
	SustOleo™ BA	Brassica Alcohol	0.70	INOLEX
	Sunflower wax double refined	Helianthus Annuus (Sunflower) Seed Wax	1.50	Koster Keunen Holland BV
	Hammonia Wax RVS Beerenwachs	Rhus Verniciflua Peel Wax, Rhus Succedanea Fruit Wax	1.50	Hammonia Oleo
	Covi-Ox® T 90 EU C	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.10	BASF
	Cutina® CP	Cetyl Palmitate	2.00	BASF
	dermofeel® sensolv	Isoamyl Laurate	4.00	Evonik Nutrition & Care
	Cetiol® V	Decyl Oleate	1.00	BASF
Cegesoft® VP	Vegetable Oil, Hydrogenated Vegetable Oil, Euphorbia Cerifera (Candelilla) Wax	2.00	BASF	
<b>C</b>	Blossom Honey Pro	Glycerin, Aqua (Water), Mel (Honey) Extract	2.00	Lipoid Kosmetik
	euxyl® K 712	Aqua (Water), Sodium Benzoate, Potassium Sorbate	1.00	Schülke & Mayr
<b>D</b>	Deionized Water	Aqua (Water)	3.00	
	Xylitol T Ph. Eur./ USP	Xylitol	1.00	DHW Deutsche Hydrierwerke
<b>E</b>	Natural Aroma - Type Honey P0632534	Aroma (Flavor), Linalool, Benzyl Alcohol	1.00	Frey & Lau
	Citric Acid	Citric Acid	q.s.	

## Procedure

1. Combine ingredients of phase A and heat up to 80°C
2. Combine ingredients of phase B and heat up to 80°C
3. Add phase B to A and homogenize
4. Cool down to 40°C while mixing
5. Then add the ingredients of phase C and D
6. At last, add aroma and adjust pH to 5.0 - 5.5. Homogenize shortly

## Properties

Appearance: deep yellow, smooth cream  
Stability: stable for 3 months (5 °C, RT and 40 °C)  
pH value: 5.0 – 5.5



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, biological, marine extracts, bio-fermentation
<b>Email</b>	<a href="mailto:info@lipotrue.com">info@lipotrue.com</a>
<b>Website</b>	<a href="http://www.lipotrue.com">www.lipotrue.com</a>

Telessence Breeztel™ is an active ingredient obtained from fermentation of a microorganism collected from the sea breeze near the isle of Tonga (Fiji).

There is a connection between brain, skin and stress. Both brain and skin have a Hypothalamic-Pituitary-Adrenal (HPA) axis that release cortisol and substance P under emotional stress (Emostress), resulting in telomeres' length shortening and skin aging.

Telessence Breeztel™ efficacy highlights:

- Protects telomere's length & repairs and strengthens the skin
- Provides moisturization, elasticity and firmness to the body and soothes wrinkles in only 1hr
- It recovers skin chronological age (aged by Emostress)

# Telessence Telmeric

LIPOTRUE

STAND NUMBER

S40

34



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, anti-inflammatory, anti-irritants, soothing agents
<b>Email</b>	<a href="mailto:imarcos@lipotrue.com">imarcos@lipotrue.com</a>
<b>Website</b>	<a href="http://www.lipotrue.com">www.lipotrue.com</a>

Skin is constantly exposed to temperature changes (seasons, heat waves, air conditioners, hair dryers). Envirostress slowly weakens skin protection, accelerating skin aging. Telessence Telmeric™ is a biomimetic, both structurally and functionally, of the turmeric spice (*Curcuma longa*) which is known to enhance skin resilience against Envirostress.

Telessence Telmeric™ soothes the Envirostress damage response, relieving inflammation cascade and activates NRF2 antioxidant response to stop the inflammatory loop that leads to more cell damage and telomere shortening (acceleration of biological aging).

Telessence is the ultimate range of active ingredients for a complete well-being with 3 actives, 3 technologies, 3 stresses, one essence.



<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, antioxidants, radical scavengers, botanicals, essential oils, plant extracts, anti-acne
<b>Email</b>	supakeat_kam@malee.co.th
<b>Website</b>	www.malee.co.th/

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Standardized biomarker diosmetin 7-O-rutinoside from Citrus Reticulata Blanco Peel Extracts produced from UAE green extraction technology.

- Enhancing the deepest penetration into the skin with stage-of-the-art dermal-liked encapsulation technology.
- Strongly provides anti-inflammation, anti-itch and seboric dermatitis to repair the skin barrier in 14 days.



## Product Type

Active ingredient, skincare, haircare

## Category

Firming/lifting, exfoliants, anti-ageing/anti-wrinkle hydration/  
moisturising, biological, marine extracts, bio-fermentation

## Email

[contact@microphyt.eu](mailto:contact@microphyt.eu)

## Website

[www.microphyt.eu/](http://www.microphyt.eu/)

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PhycoSi is the first sustainable source of marine bioavailable silicium. Developed by Microphyt from up-cycled diatom extracts, it stands out as a most fundamental skin reviver.

Its 2-step action first stimulates in-depth exchanges to recharge and strengthen the dermis, then secondly, it protects and restores the skin surface by smoothing and exfoliating the skin. The skin is more supple and firm and the microrelief is smoothed.

- First active ingredient based on marine silicium, upcycled and bioavailable
- 2-step action: Deeply recharges the dermis and restores skin at the surface
- The skin is visibly more supple, firmer and smoother

# Recovery Gel Cream with PhycoSi

MICROPHYT  
D30C

36

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	DENIONIZED WATER	Water	78.84%	MICROPHYT
<b>B</b>	CARBOPOL® ULTREZ 10 POLYMER	Carbomer	0.40%	LUBRIZOL
<b>B1</b>	SOUDE 40%	Sodium hydroxide	0.40%	MICROPHYT
<b>C</b>	PemuPur™ START polymer	Microcrystalline cellulose (and) Sphingomonas ferment extract (and) Cellulose gum	0.70%	LUBRIZOL
<b>C</b>	MCT COCO	Caprylic/Capric Triglyceride	7.00%	OLISUD
<b>D</b>	ZEMEA PROPANEDIOL	Propanediol	10.00%	DUPONT TATE & LYLE BIO-PRODUCTS
<b>D</b>	E-LEEN 8	Caprylyl Glycol (and) Glycerin (and) Water	1.00%	MINASOLVE
<b>E</b>	PHYCOSI	Water (and) Phaeodactylum Tricornutum Extract (and) Pentylene Glycol	1.50%	MICROPHYT
<b>F</b>	REFRESHING GREEN	Fragrance	0.16%	MAISON SEVESSENCE
<b>G</b>	CITRIC ACID	Citric Acid	QSP	PANREAC

## Procedure

1. At room temperature, let B hydrate into water then mix it under rotor stator for 5 minutes.
2. Neutralize with sodium hydroxide until pH 5,5.
3. Add phase D into the aqueous phase then do the emulsification under rotor stator at 3000 RPM for 5 minutes at room temperature.
4. Add one by one E, F, G and H.
5. Adjust at pH 4,5-5,5.

## Properties

Thick glossy emulsion  
Color: white  
Odor: aqueous  
pH: 4,5 - 5,5





<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Botanicals, essential oils, plant extracts, anti-ageing/anti-wrinkle, anti-inflammatory, anti-irritants, soothing agents, anti-acne, antioxidants, radical scavengers
<b>Email</b>	<a href="mailto:jirapan.m@namsiang.com">jirapan.m@namsiang.com</a>
<b>Website</b>	<a href="https://nslifesciences.com/">https://nslifesciences.com/</a>

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100% natural ingredient from South-East Asia

- 7-benefits-in-1 ingredient (whitening, brightening, antiaging, smoothening, moisturizing, anti-inflammation and sebum control)
- Safety tested and clinically proven

# Serene Skin Sage

NAOLYS

STAND NUMBER

**K30**

**38**



**Product Type** Active ingredient, skincare, decoratives

**Category** Anti-inflammatory, anti-irritants, soothing agents, botanicals, essential oils, plant extracts, lightening/whitening, hydration/moisturising

**Email** [naolys@naolys.com](mailto:naolys@naolys.com)

**Website** [www.naolys.com](http://www.naolys.com)

Developed from sage (*salvia officinalis*), a fragrant medicinal plant known in Europe since ancient times for its health properties, Serene Skin Sage is made of whole active plant cells, that restore serenity and radiance to the skin, after 28 days of treatment, by strengthening the functions of the skin barrier.

It can be used in different skincare products such as daily creams, serums, masks, but also in color cosmetics for men and women. It complies with natural standards.

Special features:

- Made of Sage whole plant cells
- Available anytime of year
- Acting on key aspects of the skin barrier

# NIKKOL VC-IPVS

NIKKOL GROUP NIKKO CHEMICALS CO., LTD.

STAND NUMBER

Q10

39



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Anti-ageing/anti-wrinkle, conditioners, vitamins, lightening/whitening, anti-inflammatory, anti-irritants, soothing agents
<b>Email</b>	<a href="mailto:nk_international_inquiry@nikkolgroup.com">nk_international_inquiry@nikkolgroup.com</a>
<b>Website</b>	<a href="http://www.chemical-navi.com/en/">www.chemical-navi.com/en/</a>

Natural 'carbon-conscious' version of tried-and-tested Vitamin C derivative:

After 25 years of pioneering the oil-soluble Vitamin C category- NIKKOL VC-IPVS is launched with a natural origin index 1, Halal-approved, Vegan-friendly & Mass-Balance compliant.

Aiming to reduce carbon footprint, 0.8tons of CO2 per ton of product produced was reduced in 2020 alone - equivalent to the carbon sequestered by an acre of forest in the US.

This naturally-derived grade still has the same benefits as follows:

1. Converts to ascorbic acid when absorbed into the skin and demonstrates higher cellular protection.
2. Proven to lighten skin, diminish age spots & reduce fine lines.
3. Restores hydrophobicity of damaged hair cuticle

# VC-20 Age Spot Corrector (Lot.No.27-VTP-11)

NIKKOL GROUP NIKKO CHEMICALS CO., LTD.

Q10

39

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Glycerin	Glycerin	4.00	
	Zemea Select Propanediol	Propanediol	6.00	DuPont Tate & Lyle Bio Products
	KELTROL (2% aq.)	Xanthan Gum,Water	4.00	CP Kelco
	PEMULEN TR-1 (2% aq.)	Water,Acrylates/C10-30 Alkyl Acrylate Crosspolymer	8.00	Lubrizol
	PEMULEN TR-2 (2% aq.)	Acrylates/C10-30 Alkyl Acrylate Crosspolymer,Water	5.00	Lubrizol
	Succinic Acid	Succinic Acid	0.05	
	Phenoxyethanol	Phenoxyethanol	0.40	
	Water	Water	39.36	
<b>B</b>	L-ARGININE C	Arginine	0.09	Ajinomoto Healthy Supply
	Water	Water	2.00	
<b>C</b>	NIKKOL VC-IPVS	Ascorbyl Tetraisopalmitate	20.00	NIKKO CHEMICALS
	NIKKOL Triester F-810	Caprylic/Capric Triglyceride	10.00	NIKKO CHEMICALS
	NIKKOL VIRGIN OJON OIL	Elaeis Oleifera Fruit Oil	0.50	NIKKO CHEMICALS
	NIKKOL Hexaglyn PR-15	Polyglyceryl-6 Polyricinoleate	0.50	NIKKO CHEMICALS
	D- -Tocopherol	Tocopherol	0.10	Mitsubishi Chemical Corporation

## Procedure

1. Mix phase A, B and C separately until uniform at room temperature.
2. Add phase B into phase A and mix until uniform.
3. While stirring A+B by homogenizer, add C into A+B gradually and emulsify for a certain period of time at room temperature.

## Properties

Thick glossy emulsion  
Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.) : 6290 mPa·s  
pH(bulk) : 4.3  
Active Assay (3 mos. @45C): 93.8% for NIKKOL VC-IP VS

# OceanDerMX<sup>®</sup> Balance & Brighten

ORGANIC BIOACTIVES

STAND NUMBER

**G18**

**40**



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Lightening/whitening, hydration/moisturising
<b>Email</b>	<a href="mailto:info@organicbioactives.com">info@organicbioactives.com</a>
<b>Website</b>	<a href="http://www.organicbioactives.com">www.organicbioactives.com</a>

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Skin brightening botanicals designed to brighten and diminish uneven skin tone and imperfections

- Visibly brighter complexion in only 14 days
- Combats uneven skin tone fast and effectively
- Effectively diminishes blemishes and hyperpigmentation in only 7 days
- Boosts the skin with immediate and long-lasting hydration

# OceanDerMX<sup>®</sup> Balance & Brighten Day Cream

ORGANIC BIOACTIVES  
G18

40

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Aqua	73.65	
	Sodium PCA	Sodium PCA	2	
	Niacinimide	Niacinimide	1	
	Vitamin B5	d-panthenol	1	
	Microcare DB	Dehydroacetic Acid, Benzyl Alcohol	0.7	
	OceanDerMX <sup>®</sup> Balance and Brighten	Algae extract [New Zealand native red seaweed], Cyathea medullaris leaf extract [New Zealand native black fern], Centella asiatica leaf extract [Gotu Kola], Glycyrrhiza glabra root extract [Licorice root], Pentylene Glycol	5	Organic Bio-actives New Zealand
	PlantæDerMX <sup>®</sup> New Zealand Kiwifruit	Glycerine, Actinidia Chinensis Fruit	1	Organic Bio-actives New Zealand
	ZeaDerMX <sup>®</sup> P	Propanediol, Camellia Sinensis Leaf	0.5	Organic Bio-actives New Zealand
	Aloe Vera Powder	Aloe Barbadensis (Aloe Vera) Leaf Extract	0.1	
<b>B</b>	Glycerine	Glycerine	5	
	Pearl White Satin Mica	Mica	0.05	
	Lecigel	Sodium Acrylates Copolymer (and) Lecithin	2	
<b>C</b>	Squalane	Squalane (Olive) Extract	3.8	
	Bakuchiol	Bakuchiol	1	
	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	3	
	Dermofeel Toco 70 Vit E non-GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.1	
<b>D</b>	Fragrance	Parfam	0.1	

## Procedure

1. Mix ingredients from phase A [heat up water to 40 degrees Celsius].
2. Make a slurry from the phase B to A and stir well for about 15 min under the low to medium share.
3. Add one by one all of the ingredients from phase C and D.
4. Stir well and adjust pH to 5.5 with Lactic acid.

# SCULPUP™, AMPLIFIES THE CONTOURS OF AUTHENTIC BEAUTY

PROVITAL

STAND NUMBER

Q60

41



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Firming/lifting, hydration/moisturising, antioxidants, radical scavengers
<b>Email</b>	marketing@weareprovital.com
<b>Website</b>	www.weareprovital.com

SCULPUP™ is a body sculpture natural active ingredient with volumizing and firming effects on bust and buttocks derived from organic certified and smart proadipogenic blackberry. In Vivo and In Vitro-massive data efficacy results. Patent pending.

1. Smart proadipogenic efficacy supported by Big Data.
2. Significant modulation of 3,500 genes related to increased volume.
3. Enhances bust and buttock contours without fibrosis.
4. Up to +1 bust cup size and +3 cm buttock circumference.

Halal certified · Cosmos certified · Vegan and China IECIC listed compliance · 100% Natural Origin (ISO16128).

# 71280FOR GORGEOUS-U JUICY BODY MOUSSE

PROVITAL  
Q60

41

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	-	Water	84.20	-
	Bio 1,3 Propanediol	1,3 Propanediol	5.00	Quimidroga
	Iscaguard IAF	Aqua, Lactic Acid, Propanediol, Citric Acid, Tartaric Acid, Gluconic Acid	1.50	Lemmel
	-	Water, Sodium Hydroxide	1.30	-
	Softigen® 767	PEG-6 Caprylic/Capric Glycerides	5.00	IOI Chemicals
	SCULPUP™	Propanediol,Aqua,Rubus Fruticosus Fruit Extract,Citric Acid	2.00	Provital
	ASIATIC CENTELLA-ECO	Glycerin,Aqua,Centella Asiatica Extract,Sodium Benzoate,Potassium Sorbate	1.00	Provital

## Procedure

1. In a clean beaker ,add the ingredients one by one under stirring
2. Wait for homogeneity between each addition

## Properties

Appearance: Clear Yellow Liquid  
pH: 5,5-6,5  
Stability Test: 3 month at 50°C, 40°C and RT





<b>Product Type</b>	Active ingredient, perfumes & fragrances, skincare
<b>Category</b>	Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts, firming/lifting, fragrances, hydration/moisturising
<b>Email</b>	<a href="mailto:philippe.aeby@rahn-group.com">philippe.aeby@rahn-group.com</a>
<b>Website</b>	<a href="https://www.rahn-group.com/en/cosmetics/">https://www.rahn-group.com/en/cosmetics/</a>

Destress your mind and skin!

MYRAMAZE®-ESSENCE is a sensocosmetic active ingredient. By activating the sensory receptors of the skin and nose, it relaxes skin and mind and reinstates the skin's natural glow.

Clinical studies have shown that MYRAMAZE®-ESSENCE elicits a more positive mood in persons under stress by instantly lowering stress hormone levels. It generates exceptional radiance by activating five triggers: it balances facial hydration, reduces redness, brightens, reduces roughness and increases shine. Furthermore, the skin barrier is strengthened, and elasticity is improved. The lips become plumper and wrinkles on lips and skin are reduced.

- Sensocosmetics
- Skin glow
- Wellbeing



<b>Product Type</b>	Active ingredient, haircare
<b>Category</b>	Antioxidants, radical scavengers, botanicals, essential oils, plant extracts, hair dyes, colourants, anti-pollution, biological, marine extracts, bio-fermentation
<b>Email</b>	philippe.aeby@rahn-group.com
<b>Website</b>	<a href="https://www.rahn-group.com/en/cosmetics/">https://www.rahn-group.com/en/cosmetics/</a>

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Prevents stress and pollutants from affecting hair and scalp!

RADICARE®-ECO is a powerful antioxidant inspired by sophisticated protection mechanisms found in leaves and fruit husks of plants. It protects hair and scalp against deleterious urban airborne particulate matter and UV.

Ex-vivo studies of hair revealed exceptional inhibition of keratin oxidation in all hair layers. Hair integrity was improved without weighing down as seen in conventional conditioner treatment. The gloss of bleached and chlorine-stressed hair was successfully protected. Furthermore, RADICARE®-ECO intensifies the colour tone in hair dyes.

- Anti-pollution
- Colouration boost
- Hair/scalp protection



**Product Type** Active ingredient, skincare

**Category** Anti-ageing/anti-wrinkle, botanicals, essential oils, plant extracts, hydration/moisturising, lightening/whitening

**Email** sales@seiwakasei.co.jp

**Website** <https://www.seiwakasei.jp/en/>

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“SESAQUA”, hydrolyzed sesame protein, is a 100% natural-derived skin conditioning ingredient. Sesame is widely used as a health material thanks to its high nutritional value and continues to be loved as the beauty ingredient. SESAQUA is a sustainable ingredient made from upcycling the pomace of sesame oil that is extracted from sesame. In addition, while most sesame-derived cosmetic ingredients are oil-soluble, SESAQUA is a water-soluble skin care ingredient. So, it can be used in various cosmetic formulations.

- The sesame loved as the beauty ingredient is used
- Upcycling ingredient
- A rare cosmetic ingredient



<b>Product Type</b>	Active ingredient, skincare
<b>Category</b>	Botanicals, essential oils, plant extracts
<b>Email</b>	export@jakabiotech.com
<b>Website</b>	<a href="https://www.jakabiotech.com/">https://www.jakabiotech.com/</a>

Smopore LC, a plant-based active ingredient, is designed for oil control and pore minimization, by immediate reduction of sebum secretion and long-term regulation of sebaceous glands activity. It is extracted from Lotus corniculatus seed, whose seeds are rich in flavonoids and alkaloids. Applied to lotion, gel, essence, emulsion, cream, etc., it is suitable for sebum control and pore astringent products.

- Significant component 5'-o-Rhamnopyranosyl uridine firstly extracted from plant;
- Patented SZ95 sebocytes applied to conduct in vitro tests;
- COSMOS approved & safety tests verified.



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Botanicals, essential oils, plant extracts, lightening/whitening, anti-cellulite, slimming, firming, hydration/moisturising, fragrances
<b>Email</b>	v.mastria@respharmaind.com
<b>Website</b>	<a href="https://artheneurocosmetic.com/">https://artheneurocosmetic.com/</a>

AR|THE is a functional cosmetics project that enhances the connection between mind and skin by promoting a sensory journey applicable to everyone. Using the principles of Aromatherapy, AR|THE proposes appropriately dosed and combined blends of essential oils that utilize the skin's ability to communicate and influence on a deeper level with the brain. As the skin is globally an important nerve-endocrine-immune organ, it is at the center of Neurocosmetic studies and analysis of the sensations felt by consumers during and after the application of cosmetics.

- Holistic treatments
- Cosmetic approach based on Neurocosmetic
- Efficacy in vivo tested



**Product Type** Active ingredient, skincare

**Category** Lightening/whitening

**Email** [silab@silab.fr](mailto:silab@silab.fr)

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

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LIGHTSKIN® is a natural depigmenting active ingredient of biotechnological origin (yeast *Ogataea siamensis*), rich in sulfur-containing molecules. It limits melanogenesis (tyrosinase activity and melanin production), an efficacy also demonstrated in pro-pigmenting contexts (pollution and glycation). The visibility of pigment spots is attenuated, and complexion uniformity and radiance improved.

- Original: Development of a unique bioguiding process of *Ogataea siamensis* to specifically direct and enhance the production of sulfur-containing molecules
- Scientifically innovative: The richness in bioguided sulfur-containing peptides doubles the depigmenting action on melanocytes
- Perfect match: Natural, safe, globally compliant with efficacy demonstrated on Caucasian and Asian panels



**Product Type** Active ingredient, skincare

**Category** Anti-ageing/anti-wrinkle, anti-inflammatory, anti-irritants, soothing agents, antioxidants, radical scavengers, anti-pollution, lightening/whitening

**Email** sales02@specchemind.com

**Website** www.specchemind.com

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SpecPlex<sup>®</sup> GPS, A scientific combination of Ginkgo biloba leaf extract and small molecule beauty peptides, intensively to solve the tensed, stressed and dull skin, particularly occur in urban life. For external photoaging, deteriorated epidermal skin barrier capacity and inflammatory symptoms, internal collagen and elastin decreases, SpecPlex<sup>®</sup> GPS provides the solutions in a magic way.

# Brightening Firming Recovery Serum

SPEC-CHEM INDUSTRY INC.  
N40

48

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	H <sub>2</sub> O	Water	To 100	
	EDTA 2Na	Disodium EDTA	0.02	
	SpecThem® XTG200	Xanthan Gum	0.08	Spec-Chem
	Butylene Glycol	Butylene Glycol	6	
	Glycerin	Glycerin	3	
	SpecKare® ALLA	Allantoin	0.1	Spec-Chem
<b>B</b>	PrzvFree® 4HAP	Hydroxyacetophenone	0.5	Spec-Chem
<b>C</b>	SpecKare® HAL	Sodium Hyaluronate, Water, Sodium Hydroxymethylglycinate, Propylene Glycol	5	Spec-Chem
	SpecKare® DPA	Panthenol	0.5	Spec-Chem
	SpecKare® NMF50	Betaine	1	Spec-Chem
	SpecKare® TRHL02	Trehalose	2	Spec-Chem
	SpecPlex® GPS	Water, Glycerin, Steareth-20, Palmitoyl pentapeptide-4, Palmitoyl tetrapeptide-7, Acetyl Hexapeptide-8, Ginkgo Biloba Leaf Extract, Caprylyl Glycol, Ethylhexylglycerin	10	Spec-Chem
	SpecPure® Aqua PC (5%)	Poria Cocos Sclerotium Extract, Glycerin, Water	5	Spec-Chem
	SpecWhite® VB3	Niacinamide	1	Spec-Chem
	Soluclear LRI	PPG-26-Buteth-26, PEG-40 Hydrogenated castor oil, Water	0.12	SENSIENT BEAUTY
	Fragrance	Fragrance	0.03	
	PrzvFree® CHP	Hydroxyacetophenone	0.8	Spec-Chem
<b>D</b>	NaOH(20%)	Sodium Hydroxide	q.s.	

## Procedure

1. Mix phase A and Heat up to 85°C
2. Cool Down to 65°C and add phase B under agitation
3. Cool Down to 45°C and add phase C (predissolve Fragrance with LRI) under agitation
4. Cool Down to 35°C and add phase D to adjust pH

## Properties

Appearance Light yellow transparent fluid  
pH 6.0±0.5  
Viscosity 1000±500 mPa.s  
Stability 3 months @4°C , -18°C , 45°C , RT and natural light





<b>Product Type</b>	Active ingredient, skincare, suncare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, antioxidants, radical scavengers, anti-ageing/anti-wrinkle lightening/whitening, hydration/moisturising
<b>Email</b>	customer_success@tribeaute.com
<b>Website</b>	<a href="https://tribeaute.com/">https://tribeaute.com/</a>

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RedoxySense is from Japanese traditional rice fermentation technology of SAKE (a kind of Japanese rice wine)

INCI NAME: Rice Ferment Filtrate(100\_)

Compared with another rice ferment filtrated products, it has special feautres. For example:

Even Water which is used for Product manufacturing also be special water named FUSHIMIZU, which are pure spring water in Kyoto and selected as the one of Japanese BEST 100 selection natural water.

FUSHIMIZU is categorized middle position between hard water and soft water, which contains moderate mineral. (Mineral will be one of the nutrition of yeast)

Except raw material and fermentation process it has many innovative points



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Biological, marine extracts, bio-fermentation, anti-inflammatory, anti-irritants, soothing agents
<b>Email</b>	<a href="mailto:oliver.boldt@uutescientific.com">oliver.boldt@uutescientific.com</a>
<b>Website</b>	<a href="https://www.uutescientific.com/">https://www.uutescientific.com/</a>

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- Patented Re-Connecting Nature® extract has the unique microbiome-restoring properties of the Finnish forest, and it helps restoring natural microbiome balance.
  - It is scientifically proven to stimulate the defense system and recreate a more natural balance; one that's associated with enhanced skin health, resilience, comfort and appearance.
  - This balance actively promotes skin integrity for enhanced barrier function, faster regeneration and repair, reduced redness and irritation, and increased levels of age-defying collagen.

# Re-Connecting Nature<sup>®</sup> microbial extract

UUTE SCIENTIFIC OY  
N40

50

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Aqua	Up to 100 %	
	Glycerin palm free	Glycerin	3%	Kerfoot
	Keltrol CG	Xanthan Gum	0.20%	CP Kelco
<b>B</b>	Crodamol GTCC	Caprylic/Capric Triglyceride	20%	Croda
	TEGO Alkanol 16	Cetyl Alcohol	5%	Evonik
	Olivem 1000	Cetearyl Oliviate, Sorbitan Oliviate	5%	Hallstar
	Olive Squalane	Squalene	2%	Clariant
<b>C</b>	Re-Connecting Nature <sup>®</sup> microbial extract	Humus Extract	1%	Uute Scientific
<b>D</b>	Euxyl K712	Sodium Benzoate, Potassium Sorbate	1%	Schulke & Mayr GmbH
<b>E</b>	Citric Acid	Citric Acid	pH < 5,5	

## Procedure

1. Mix the water and glycerin together and start heating the mixture. While mixing, sprinkle in the Xanthan Gum and mix until uniform and phase A reaches 75°C.
2. Add together the ingredients of phase B and heat to 75°C.
3. Once both A and B phase are 75°C, under an overhead stirrer, pour phase B into phase A. Mix for about 10 minutes at 1000rpm or higher until the emulsion is uniform.
4. Keep mixing at a low speed while the emulsion cools down. Once the emulsion reaches 40°C, sprinkle in phase C and let mix until evenly dispersed.
5. Add phase D and mix.
6. Finally adjust the pH to below 5.5 with Citric Acid.

## Properties

**Solubility:** Re-Connecting Nature extract is not fully water or oil soluble, but it can be dispersed into both. If it is used in a water-based product, in order to prevent sedimentation, the usage of a thickening polymer with suspending properties (like Xanthan Gum at 1%) is advisable.

**Heat tolerance:** Re-Connecting Nature extract should not be used at temperatures above 40°C.

**Viscosity:** Re-Connecting Nature extract does not significantly impact the viscosity of the formulation. However, it is recommended to formulate the extract into high viscosity formulations, to prevent sedimentation of the extract particles

**Colour:** Due to the dark characteristic shade of the extract, a higher oil phase is beneficial if a lighter coloured finished formulation is preferred.

# Repista

VITAMIN C60 BIORESEARCH CORPORATION

STAND NUMBER

**R10**

**51**



<b>Product Type</b>	Active ingredient, skincare, haircare
<b>Category</b>	Hydration/moisturising, lightening/whitening, anti-ageing/anti-wrinkle
<b>Email</b>	tomoko.ohtsu@vc60.com
<b>Website</b>	<a href="https://www.vc60.com/en/product/repista.html">https://www.vc60.com/en/product/repista.html</a>

Repista is a water-soluble cosmetic ingredient containing 1% of the functional ingredient 2-aza-8-oxohypoxanthine (hereafter AOH). AOH is a growth factor found in many vegetables, however, since it rare material it was difficult to develop a cosmetic ingredient. VC60 started a joint research with Shizuoka University and succeeded to established to produce AOH by utilizing enzymes secreted by microorganisms.

- The world's only cosmetic ingredient
- Rejuvenates your skin
- Cleared all safety tests

# Repista Skin Rejuvenate Cream

VITAMIN C60 BIORESEARCH CORPORATION (VC60)

R10

51

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Water	66	
	Citric Acid (10%)	Citric Acid (10%)	q.s.	
	Glycerin	Glycerin	8	
	BG	Butylene Glycol	5	
	Diol PD-V	Pentylene Glycol	3	KAK
<b>B</b>	Squalane	Squalane	3	
	NIKKOL ODM-100	Octyldodecyl Myristate	3	NC
	NIKKOL Triester F-810	CAPRYLIC/CAPRIC TRIGLYCERIDE	3	NC
	KALCOL 6850	Cetearyl Alcohol	3	Kao Corp.
	RHEODOL MS-165V	GLYCERYL STEARATE	2	Kao Corp.
<b>C</b>	SIMULGEL NS	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Squalane, Polysorbate 60, Water, Sorbitan Isostearate	3	SEPPIC S.A.
<b>D</b>	Repista	Aza-Oxohypoxanthine, Sodium Hydroxide, Water	1	VC60

## Procedure

1. Mix phase A and heat up to 80 °C.
2. Mix phase B and heat up to 80 °C.
3. Add 2 and C to 1 and emulsify at 80°C.
4. Cool Down under agitation.
5. Add D to 4.

KAK: Kokyu Alcohol Kogyo Co., Ltd.

NC: Nikko Chemicals Co., Ltd.

# ELAYA RENNOVA™ - The Hair Tensegrist

VYTRUS BIOTECH

STAND NUMBER

C28

52



<b>Product Type</b>	Active ingredient, haircare
<b>Category</b>	Styling agents, toning, hydration/moisturising, conditioners, hair dyes, colourants
<b>Email</b>	info@vytrus.com
<b>Website</b>	www.vytrus.com

ELAYA RENNOVA™ is an active from plant stem cells that brings a new vision of hair and scalp structure inspired by architecture: Hair Tensegrity. A new holistic approach to hair care which considers that scalp, hair follicle, and hair shaft are all interconnected and the whole hair system is revitalized by protecting hair and scalp, restructuring and reinforcing hair system, and enhancing hair and scalp beauty.

- Hair Tensegrity: Global skinification of haircare
- Trichotensegrity: Transferring integral vision of tensegrity to hair structure
- An Encapsulated Cellular Oil as an innovative biomaterial: The ECO technological approach

# AKTAINE CAPB-35(LS)

AEKYUNG CHEMICAL CO.,LTD.

STAND NUMBER

R78

53



<b>Product Type</b>	Functional ingredient, haircare
<b>Category</b>	Surfactants
<b>Email</b>	akc.export@aekyung.kr
<b>Website</b>	<a href="http://www.aekyungchemical.co.kr/">http://www.aekyungchemical.co.kr/</a>

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AKTAINE CAPB-35(LS) is low salt (< 0.5%) cocamidopropyl betaine.

Easy to adjust desired viscosity in cleansing products such as shampoo, body wash and baby care.

Its low salt content makes it great for use in hair dye shampoos that use direct dyes.

And the low salt content does not affect the corrosion of stainless steel.

# Sulfate-free Shampoo

AEKYUNG CHEMICAL CO.,LTD.

R78

53

PHASE	INGREDIENT	INCI (OR PROPOSED) NAME	% W/W	SUPPLIER
A	ASCO® AOS-35	SODIUM C14-16 OLEFIN SULFONATE	24	AKC
	ASCO-MILD® SCAN-30(S)	SODIUM COCOYL ALANINATE	12	AKC
	ASCO-MILD® SCGC-30(S)	SODIUM COCOYL GLYCINATE	12	AKC
	AKTAINETM CB-35	COCO-BETAINE	8	AKC
	AKCERINETM 997VEG	GLYCERIN	2	AKC
	Water	AQUA	q.s	
B	POLYQUATERNIUM-10	POLYQUATERNIUM-10	3	
	Water	AQUA	q.s	
C	1,2-HEXANDIOL	1,2-HEXANDIOL	1	
D	Citric acid	Citric acid	1	

## Procedure

1. Mix phase B until homogeneous with stirring at 70~80°C.
2. Cool down to 50°C with stirring.
3. Mix phase A until homogeneous with stirring at R.T.
4. Add phase A to phase B.
5. Add phase C.
6. Adjust pH to 6.5 ~ 7.5 by phase D and cool down to R.T with stirring.

## Properties

pH : 6.5 ~ 7.5  
Viscosity : 4,000~7,000 cps





<b>Product Type</b>	Functional ingredient, skincare, haircare
<b>Category</b>	Petroleum jellies, vaselines, hydration/moisturising, emollients, lipids, hydration/moisturising
<b>Email</b>	<a href="mailto:contact@aiglon.eu">contact@aiglon.eu</a>
<b>Website</b>	<a href="http://www.aiglon.eu">www.aiglon.eu</a>

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Naturelyn is the true green alternative to mineral petroleum jelly. All Naturelyn's ingredients are of vegetal origin with the highest standards of purity. Naturelyn's strengths are its properties and behavior which are very similar to the common petroleum jelly. The renowned experience of AIGLON in petroleum jelly production (GMP certified) is the success factor for this innovation. Naturelyn grades are available with different characteristics according to the requirements of customer applications. Texture, sensoriality, aspect, film forming, protection... are some of the key properties for your application developments such as make up, dermo-cosmetics, hair care...

# Antaron™ Soja glyceride

ASHLAND

STAND NUMBER

V10

55



**Product Type** Functional ingredient, decoratives, suncare

**Category** Film former

**Email** [mtham@ashland.com](mailto:mtham@ashland.com)

**Website** [www.ashland.com](http://www.ashland.com)

Film-forming polymers are widely used in cosmetics, toiletries, and personal care products. They provide waterproofing and rub-resistance in color cosmetics and sunscreen products.

- There is growing interest in the cosmetics industry to use natural, sustainable ingredients to reduce the negative environmental impact of synthetic polymers.
- Film-forming polymers used in sunscreens to provide water resistance claims are mostly synthetic and not biodegradable.

Antaron™ Soja glyceride is a nature-derived, biodegradable film former that delivers water resistance and SPF boosting benefits to suncare and color cosmetic formulations. It enables the creation of more natural sun care creams, lotions and gels.

# sunshine dry oil spray SPF501 (formula # 200-10109)

ASHLAND  
V10

55

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
A	Antaron™ Soja glyceride	Maleated Soybean Oil Glyceryl/Octyldodecanol polymer (proposed)	2.00	Ashland
	Bemotrizinol <sup>1</sup>	Bis-EthylhexyloxyphenolMethoxyphenyl Triazine	4.50	local
	Uvinul* T 150 <sup>1</sup>	Ethylhexyl triazone	4.50	BASF
	Uvinul* A+ <sup>1</sup>	Diethylamino Hydroxybenzoyl Hexyl Benzoate	4.50	BASF
	Homosalate	Homosalate	10.00	local
	Octisalate	Ethylhexyl Salicylate	5.00	local
	Ceraphyl™ 230 ester	Diisopropyl Adipate	15.00	Ashland
	Ceraphyl™ 41 ester	C12-15 Alkyl Lactate	11.32	Ashland
	X-Tend™ 226 ester	Phenethyl Benzoate	6.00	Ashland
	Ceraphyl™ 55 ester	Tridecyl Neopentanoate	2.00	Ashland
B	Parafol* 12 RSPO MB	Dodecane	15.00	Sasol
	Citropol* V5	Polycitronellol Acetate (and) Undecane (and) Tridecane	8.00	P2 Science
	Neossance* Hemisqualane	C13-15 Alkane	8.00	Amyris
	Optiphen™ HD multifunctional	1,2-Hexanediol	3.00	Ashland
C	PF Sun Polynésie	Fragrance/Parfum (and) Benzyl Salicylate (and) Citronellol (and) Geraniol (and) Limonene (and) Linalool	0.15	Robertet
	Natpure* Col Orange LC214L	CI 75120 (and) Helianthus annuus seed oil (and) Ascorbyl Palmitate (and) Tocopherol	0.03	Sensient
	Santalwood™ biofunctional	Octyldodecanol (and) Santalum Album (Sandalwood) Wood Extract	1.00	Ashland
D	Total		100	

<sup>1</sup>not approved for use in the U.S.

™Trademark, Ashland or its subsidiaries, registered in various countries.

\*Trademark owned by a third party.

## Procedure

1. In the main vessel add phase A ingredients, heat to 75°C and mix well until clear
2. Start to cool down the batch
3. At 50°C, add phase B ingredients into phase A and mix well until clear
4. At 30°C, add phase C ingredients into AB and mix well until the color is uniform
5. Stop at 25°C.

## Properties

Description: clear orange anhydrous liquid

pH: n/a, anhydrous

viscosity: n/a, liquid

SPF in vitro: 56

SPF in vitro without antaron™ soja : 48

water resistance in vitro: 96%

This formula has passed 3-month accelerated lab stabilities and a 28-day challenge efficacy test.

However, the preservative system has not been optimized to its lowest effective level.

# sensiva™ go natural multifunctional

ASHLAND

STAND NUMBER

V10

56



**Product Type** Functional ingredient, skincare, haircare

**Category** Anti-bacterial, humectants, superfatting

**Email** [mtham@ashland.com](mailto:mtham@ashland.com)

**Website** [www.ashland.com](http://www.ashland.com)

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Ashland's new antimicrobial technology Sensiva™ go natural multifunctional is designed for natural formulations in global markets. Its wide applicability, effectiveness in broad pH range (pH 4 - 7) and easy incorporation makes it the perfect fit for your next innovation.

Our new antimicrobial impresses with its broad spectrum of efficacy combined with well-known humectant properties. All carefully selected ingredients are not only highly effective, but also gentle to the skin. The COSMOS validated Sensiva™ go natural multifunctional is 100% natural origin based and readily biodegradable. Sensiva™ go natural multifunctional - the natural protector without compromise.

# healthy glow cream (formula # 100-10189)

ASHLAND  
V10

56

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	purified water	Water/Aqua	74.219	Local
<b>B</b>	NatraThix™ Bio cellulose	Cellulose Gum	0.40	Ashland
	Polysurf™ 67 CS HMHEC	Cetyl Hydroxyethylcellulose	0.30	Ashland
<b>C</b>	Belsil* W3230	Bis-Stearoxydimethylsilane (and) Stearyl Alcohol (and) Dimethicone	2.00	Wacker
	Simulsol* 165	PEG-100 Stearate (and) Glyceryl Stearate	4.00	Seppic
	Refined shea Butter	Butyrospermum Parkii (Shea) Butter	2.00	Ashland
	Ceraphyl™ 28 ester	Cetyl Lactate	1.50	Ashland
	Ceraphyl™ 791 ester	Isocetyl Stearoyl Stearate	2.00	Ashland
	Ceraphyl™ ODS ester	Octyldodecyl Stearate	3.00	Ashland
	Ceraphyl™ 368 ester	Ethylhexyl Palmitate	4.00	Ashland
<b>D</b>	Unipure* Yellow LC 182 ADT-C	CI 77492 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.02	Sensient
	Unipure* Red LC 381 ADT-C	CI 77491 (IronOxides) (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.01	Sensient
	Unipure* Black LC 989 ADT-C	CI 77499 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.001	Sensient
	Unipure* White LC 987 ADT-C	CI 77891 (and) Isopropyl Titanium Triisostearate(and) Bis-PEG-15 Dimethicone/IPDI Copolymer(and) PEG-2 Soyamine	0.35	Sensient
<b>E</b>	sensiva™ go natural multifunctional	Caprylyl Glycol (and) Glyceryl Caprylate (and) Propanediol	2.00	Ashland
<b>F</b>	PF ONAT Jasmin of lily	Fragrance/Parfum (and) Limonene(and) Linalool	0.20	Robertet
	Caressense™ biofunctional	Water/Aqua (and) Propanediol (and) Jasminum grandiflorum flower extract	2.00	Ashland
	Timiron* Splendid gold	CI 77891 (and) Mica (and) Silica	2.00	Merck
<b>G</b>	Total		100.00	

## Procedure

1. In the main beaker, at RT, sprinkle phase B in water while mixing
2. Heat at 75°C while mixing at least 30 minutes, until the gel is smooth
3. At RT, mix and grind phase D ingredients
4. In a side beaker, heat and mix phase C at 75°C then add D into C and mix well until homogeneous
5. At 75°C, add slowly phase CD into phase AB
6. Start to cool down the batch
7. At 50°C, add phase E and mix well
8. At 30°C, add phase F ingredients one by one and mix well between each addition
9. Stop at RT, once color is uniform

## Properties

Description: pearly peachy beige O/W emulsion  
 pH: 6.20 - 6.70  
 viscosity: 30 000 – 60 000 cps  
 (Brookfield RVT | Spindle B | 5 RPM | 1 minute | 25°C)  
 This formula has already passed 1-month accelerated lab stabilities and is expected to pass 3-month accelerated lab stabilities.  
 It has passed a 28-day challenge efficacy test; however, the preservative system has not been optimized to its lowest effective level.



<b>Product Type</b>	Functional ingredient, suncare
<b>Category</b>	UV filters
<b>Email</b>	komsan.imphanban@basf.com
<b>Website</b>	<a href="https://www.carecreations.basf.com/">https://www.carecreations.basf.com/</a>

Z-COTE<sup>®</sup> Sheer is designed to differentiate from market products that has silane coatings and silicone dispersants. It is also a more highly transparent particle that leaves behind less white cast, while offering a pleasing aesthetics in formulation such as smoothness, blend-ability, and limited greasiness. All of the benefits typically seen in a coated particle, are evident in this dispersion:

- Full naturally treated ZnO dispersion with broad-spectrum UV protection & photostable (100% derived natural ingredient)
- Superior skin safety by no skin penetration and less photo-catalytic activity
- Advanced performance as the inorganic UV protection and convenience to formulate

# 100% natural ZnO sunscreen SPF50+ with Z-Cote® Sheer

BASF  
T10

57

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	2.00	BASF
	Lameform® TGI	Polyglyceryl-3 Diisostearate	1.00	BASF
	Cetiol® LC	Coco-Caprylate/Caprata	8.67	BASF
	Cetiol® C 5	Coco-Caprylate	2.00	BASF
	Lanette® 22	Behenyl Alcohol	2.00	BASF
	Cosmedia® Gel CC	Dicaprylyl Carbonate, Stearalkonium Hectorite, Propylene Carbonate	4.00	BASF
<b>B</b>	Z-Cote® Sheer	Zinc Oxide, Coco-Caprylate/Caprata, Polyglyceryl-2 Dipolyhydroxystearate, Lecithin	33.33	BASF
<b>C</b>	Water, demin.	Aqua	40.50	Lab
	Glycerin	Glycerin	3.00	Molkem
	Sodium Chloride	Sodium Chloride	0.50	Natural Sourcing
	Magnesium Sulfate	Magnesium Sulfate	0.40	Parchem
<b>D</b>	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	1.10	Ashland
	Vitamin E-Acetate Care	Tocopheryl Acetate	0.50	BASF
	Bisabolol rac.	Bisabolol	1.00	BASF

## Procedure

1. Combine phase C in large beaker. Prop mix until clear and begin heating to 75 C
2. Combine phase A in side beaker, mix well wit prop until uniform. Add phase B and begin heating to 80 C
3. At temperature, slowly add phase A/B to phase C with high speed homogenization (5000-6000 rpm).
4. Mix until thoroughly uniform. Remove and cool with prop mix
5. Below 40 C, add phase D ingredients. Mix thoroughly. Drop batch below 35

## Properties

Viscosity: 15,000 cP, SPF in vivo: 55

# SeaBalance 2000

CARBONWAVE

STAND NUMBER

S81

58



<b>Product Type</b>	Functional ingredient, skincare, suncare
<b>Category</b>	Emulsifiers, biological, marine extracts, bio-fermentation, anti-pollution
<b>Email</b>	<a href="mailto:info@seabalance.com">info@seabalance.com</a>
<b>Website</b>	<a href="http://www.seabalance.com">www.seabalance.com</a>

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SeaBalance 2000 is the world's first seaweed-based cosmetic emulsifier. By upcycling 1 wet tonne of Sargassum (Gulfweed) we prevent 450Kg of CO<sub>2</sub> equivalent methane from being released into atmosphere. The all-natural product can be used in cold process, does not require co-emulsifiers, offers pH 3.5-9.0, and is stable in 10-40% oil concentrations in a wide range of emollient types and polarities. Final emulsions have a very light and silky skin feel with viscosity range from 100 - 24,800 cP. SeaBalance 2000 also includes a broad spectrum of amino acids.



# Reflez ME 31

CIDOLS SDN BHD (VSCHEM (1970) LIMITED)

STAND NUMBER

**D78**

**59**



**Product Type** Functional ingredient, skincare

**Category** Emulsifiers

**Email** [stephanie@cidols.com](mailto:stephanie@cidols.com)

**Website** [www.cidols.com](http://www.cidols.com)

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Reflez ME 31 is an innovative and natural emulsifier specially for cleansing oil. It helps the formation of clear cleansing oil while providing a moisturising effect to the skin

- Easily emulsifies in water
- PEG-free
- Cold processable
- Easy to handle

# Reflez ME 31

CIDOLS SDN BHD (VS CHEM)  
D78

59

## Polyglyceryl-10 Oleate and Polyglyceryl-4 Oleate

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
A	Naturaz IL 208	Isoamyl Laurate	47.4	Cidols
	Reflez ME 31	Polyglyceryl-10 Oleate and Polyglyceryl-4 Oleate	12	Cidols
	Feelz PC 209	Propylene Glycol dicaprylate/caprate	40	Cidols
	Reflez DD-PI10	Phytosterol Isostearyl Dimer Dilinoleate	0.2	Cidols

## Procedure

1. Mix the ingredients in Phase A in the following order under agitation

## Properties

Clear oil  
Emulsify when in contact with water  
Stable at 40C for 1 month

# CD 1 Polymer

DOW

STAND NUMBER

**K30**

**60**



**Product Type** Functional ingredient, haircare, toiletries

**Category** Conditioners

**Email** yang14@dow.com

**Website** www.dow.com

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CD 1 Polymer is a cationic dextran polysaccharide, biodegradable, 81% bio-based carbon content hair conditioning polymer. Offering new and unique performance benefits, used in combination with benefit agents such as silicones or natural oils to boost formulations effectiveness.

- Biodegradable
- Improves natural content in formula
- Compatibility with a wide range of surfactants, thickeners, silicones and natural oil

# DexEasy Gentle Cleanse & Conditioning Shampoo

DOW  
K30

60

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>A</b>	Deionized water	Water / aqua	q.s.	
	VERSENET™ 220 Crystals Chelating Agent	Tetrasodium EDTA	0.2	Dow
<b>B</b>	Colonial AOS-40	Sodium C14-16 Alpha Olefin Sulfonate	10.53	Colonial Chemical
	Iselux LQ-CLR	Sodium Lauroyl Methyl Isethionate	12.5	Innospec
	SP Crodasinic LS30 NT	Aqua (and) Sodium Lauroyl Sarcosinate	6.67	Croda
	EcoSense™ 3000 Surfactant	C8-C16 fatty alcohol glucoside	2	Dow
	EcoSense™ GL-60 HA Surfactant	Glycolipids	2.5	Dow
	EcoSense™ GL-60 HL Surfactant	Glycolipids	1.25	Dow
<b>C</b>	CD-1 Polymer	Dextran hydroxypropyltrimonium chloride	1	Dow
<b>D</b>	Cocamidopropyl Betaine	Cocamidopropyl Betaine	6.67	Making Cosmetics
<b>E</b>	ACULYN™ U Rheology Modifier	Acrylates/Beheneth-25 Methacrylate Copolymer	8.33	Dow
<b>F</b>	Triethanolamine (99%)	Triethanolamine	1	Sigma
<b>G</b>	DOWSIL™ HMW-2220 Non-Ionic Emulsion	Divinylidimethicone/Dimethicone Copolymer (and) C12-13 Alketh-23 (and) C12-13 Alketh-3	1.67	Dow
	Euxyl PE 9010	Phenoxyethanol and Ethylhexylglycerin	0.5	Lotion Crafters

## Procedure

1. Mix phase A ingredients at room temperature. When Tetrasodium EDTA is fully dissolved, begin adding phase B ingredients with low mixing to avoid generating air bubbles.
2. When phase B is fully mixed, add phase C and D, and continue mixing.
3. Add phase E under low shear and mix until the formulation is translucent.
4. Add phase F to neutralize and thicken the formulation (~ pH 6).
5. Add Phase G while mixing.
6. Adjust to desired pH.
7. Mix for an additional 10 minutes.

## Properties

Opaque viscous liquid  
pH 6.5 – 7

# EcoSmooth™ Rice Husk Cosmetic Powder

DOW

STAND NUMBER

**K30**

**61**



**Product Type** Functional ingredient, skincare, decoratives

**Category** Fillers, extenders, binders, humectants

**Email** yang14@dow.com

**Website** www.dow.com

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EcoSmooth™ Rice Husk Cosmetic Powder obtained from upcycling rice husk, provides soft-focus properties, smooth sensorial experience, compaction benefit, water and sebum absorption and is COSMOS approved.

- Natural source rice husk upcycled material
- Optical soft focus and sensorial benefits
- Alternative to traditional mineral sourced silica, PMMA and Nylon powder

# EcoSmooth Design U Shade Foundation Cream

DOW  
K30

61

PHASE	INGREDIENT	INCI NAME	% W/W Ivory	% W/W Cool Walnut	SUPPLIER
<b>A</b>	Cerafumei Sumac Wax	Rhus Succedanea Fruit Wax	4	4	Fumei Pharm
	Sunflower Wax	Helianthus Annuus (Sunflower) Seed Wax	4	4	Koster Keunen
	Biochemica Shea Butter Refined	Butyrospermum Parkii (Shea) Butter	14	14	Hallstar
	Biochemica Camellia Tea Oil	Camellia Oleifera Seed Oil	10	10	Hallstar
	Oliwax	Hydrogenated Olive Oil, Olea Europaea, Olea Europaea Oil	3	3	Hallstar
	Olivem 900	Sorbitan Olivatate	4	4	Hallstar
	Olivem 2090	Polyglyceryl-4 Olivatate/Polyricinoleate	3	3	Hallstar
	LameformTGI	Polyglyceryl-3 Diisostearate	1.5	1.5	BASF
<b>B</b>	S-BEN WV	Quaternium-90 Bentonite	0.75	0.75	Hojun
	Cetiol Ultimate	Undecane (and) Tridecane	4.1	4.1	BASF
	Propylene Carbonate	Propylene Carbonate	0.15	0.15	BASF
<b>C1</b>	Unipure White LC987 BA	Titanium Dioxide CI77891/ Persea Gratissima (Avocado) Oil/ Hydrogenated Vegetable Oil	18.72	4	Sensient
	Unipure Yellow LC186 BA	Yellow Iron Oxide CI77492/ Persea Gratissima (Avocado) Oil /Hydrogenated Vegetable Oil	1	8.8	Sensient
	Unipure Red LC389 BA	Red Iron Oxide CI77491/ CI77499/ Persea Gratissima (Avocado) Oil/ Hydrogenated Vegetable Oil	0.25	6	Sensient
	Unipure Triple Black LC990 BA	Black Iron Oxide CI77499/ Persea Gratissima (Avocado) Oil/ Hydrogenated Vegetable Oil	0.03	1.2	Sensient
<b>C2</b>	EcoSmooth™ Universal Fluid 1100	Ethyl PG-Acetal Levulinate	9	9	Dow
	Olivem 2090	Polyglyceryl-4 Olivatate/Polyricinoleate	0.5	0.5	Hallstar
<b>D</b>	Biochemica® Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	9.9	9.9	Hallstar
	EcoSmooth™ Rice Husk Cosmetic Powder	Silica	5	5	Dow
<b>E</b>	DOWSIL™ FA PEPS Silicone Acrylate	Undecane (and) Tridecane (and)Acrylates/ Polytrimethylsiloxymethacrylate Copolymer	5	5	Dow
<b>F</b>	Activonol Green-ACTree	Magnolol, Honokiol, Glyceryl Caprylate, Propanediol	2	2	ActivON
	Floral Minosa F	Parfum	0.1	0.1	Laboratoire Rosier Davennie

## Procedure

1. Mix phase A and heat to 75-80°C until completely melt.
2. In separate mixer, mix S-BEN WV with Cetiol Ultimate until homogeneous, then add Propylene Carbonate. Add phase B to phase A
3. Grind phase C1 and add phase C 2 one at a time in order listed.
4. Add phase C (C1+C2) in the mixture of phase AB.
5. Pre-mix phase D then add to main mixer.
6. Add phase E and phase F one at a time in order listed. Mix until homogeneous.
7. Pour to packaging

## Properties

Apperance : Ivory cream and Cool walnut cream  
Stability : Stable under room temperature for 2 months



**Product Type** Functional ingredient, skincare

**Category** Emollients, lipids

**Email** [nareerat.wagner@evonik.com](mailto:nareerat.wagner@evonik.com)

**Website** [www.personal-care.evonik.com](http://www.personal-care.evonik.com)

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This new and unique emollient TEGOSOFT® LO MB (INCI: Lauryl Oleate) is the natural alternative to mineral oil with a comparable sensory. At the same time, it provides ecological benefits compared to mineral oil. This emollient can be used for all skin care applications. In addition, it provides special benefits for color cosmetics with its excellent pigment wetting properties.

# TEGOSOFT® LO MB

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

P30

62

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	TEGOSOFT® LO MB	Lauryl Oleate	14	Evonik
	TEGOSOFT® OER MB	Oleyl Erucate	25	Evonik
	TEGOSOFT® SH MB	Stearyl Heptanoate	8	Evonik
	Ricinus Communis (Castor) Seed Oil	Ricinus Communis (Castor) Seed Oil	25	
	Butyrospermum Parkii	Shea Butter	4	
	Cera Alba	Cera Alba	5	
	dermofeel® viscolid MB	Hydrogenated Palm Oil; Hydrogenated Rapeseed Oil	7	Evonik
	dermofeel® Toco 70 non GMO	Tocopherol; Helianthus Annuus (Sunflower) Seed Oil	1	Evonik
	dermosoft® GMC MB	Glyceryl Caprate	1	Evonik
	Tapioca Starch	Tapioca Starch	10	

## Procedure

1. Mix ingredients in phase A (without Tapioca starch) one after the other and heat up to 65°C under medium stirring until a clear solution is obtained.
2. Start to cool down to until 45°C under medium stirring.
3. Add tapioca starch
4. Homogenize for 1 min. using an Ultra Turrax at 13000rpm.
5. Leave batch untouched until a homogeneous gel is obtained and fill in containers.





<b>Product Type</b>	Functional ingredient, haircare, toiletries
<b>Category</b>	Soap bases, syndets, surfactants, conditioners, hydration/ moisturising
<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>

Galseer Tresscon is a next-generation shampoo bar base formatted within a sustainable, sulfate-free, silicon-free, PEG-free, alkanolamide-free solid surfactants system for hair & scalp cleansing applications. Solid hair-care formats are the best choice for sustainable hair care in rinse-off tier without compromising on the scalp and hair health along with provisioning holistic and refreshing hair cleansing experience with luxurious lather and superlative silky-smooth conditioning.

Galseer Tresscon is a unique shampoo bar NADET\* base for preparation of shampoo bars, with superior performance attributes matching premium liquid conditioning shampoos while maintaining formulation in a sustainable and environmentally friendly zone.

NADET: Natural Detergent



<b>Product Type</b>	Functional ingredient, decoratives, skincare
<b>Category</b>	solvents, emollients, lipids, solubilisers, conditioners
<b>Email</b>	isonaturane@global-bioenergies.com
<b>Website</b>	<a href="https://www.global-bioenergies.com/?lang=en">https://www.global-bioenergies.com/?lang=en</a>

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Isonaturane® 12 is a new biotech oil, the first bio-sourced isododecane. No more compromise between high performance and high naturality index.

- In make-up, Isododecane is a key molecule for long lasting effect, waterproof and no transfer thanks to its characteristic volatility and dispersion capacity.
- In skincare and haircare, Isonaturane® 12 is a light emollient which makes it the perfect alternative to silicones thanks to its sensory profile.
- In suncare, Isonaturane® 12 is a good dispersing agent for UV Filters.

# Nature L-FG90

GUANGZHOU TINCI MATERIALS TECHNOLOGY CO., LTD

STAND NUMBER

L60

65



**Product Type** Functional ingredient, toiletries

**Category** Surfactants

**Email** tangzhidan@tinci.com

**Website** [www.tinci.com/](http://www.tinci.com/)

Sodium Methyl Lauroyl Taurate, an amino acid anionic surfactant, has excellent foaming performance and foam texture. It is readily biodegradable, safe to use and has good compatibility. It is widely used in cosmetics because of soft and moisturized skin sensory.

Features:

- Salt-free patented technology
- Unique appearance, dust-free, easy to use
- Preservative-free, sulphate-free

# SolaPure Glo

HALLSTAR BEAUTY

STAND NUMBER

**K40**

**66**



<b>Product Type</b>	Functional ingredient, suncare, skincare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, emollients, lipids, antioxidants, radical scavengers
<b>Email</b>	bzhang@hallstar.com
<b>Website</b>	<a href="https://www.hallstar.com">https://www.hallstar.com</a>

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SolaPure™ Glo is a natural multifunctional emollient that improves sun protection performance. This holistic sun care solution leverages adaptogen-rich turmeric's inherent skin care potential to improve SPF/PFA level, defend against inflamm'aging and promote overall skin wellbeing. Ideal for regulatory restricted markets, the use of SolaPure™ Glo can help to achieve the same or higher sun protection efficacy with lower UV filter concentration in organic and inorganic sunscreen systems. It is also a natural solution for reduced whitening and smoother texture.

- Improves SPF and PFA performance
- Imparts emollience and elegant skin feel
- Inhibits tyrosinase activity for a radiant

# UV Protection ZnO Cream SPF 50

HALLSTAR BEAUTY  
K40

66

PHASE / FASES	INGREDIENT / MATÉRIA-PRIMA	INCI NAME	% W/W	SUPPLIER / FOR-NECEDOR
<b>A</b>	HallStar® Octyl Isononanoate	Ethylhexyl Isononanoate	6.00	Hallstar
		Dimethicone (5 cSt)	6.00	
	SolaFresh™	Diethylhexyl 2,6-Naphthalate	10.00	Hallstar
	AvoBrite®	Acrylates Copolymer	6.00	Hallstar
	HallBrite® BHB	Butyloctyl Salicylate	4.00	Hallstar
	Olivem® 2090	Polyglyceryl-4 Olivatate/Polyricinoleate	3.30	Hallstar
		Polyglyceryl-3 Polydimethylsiloxyethyl dimethicone	0.50	
	SolaPure™ Glo	Vegetable Oil (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Curcuma Longa (Turmeric) Root Extract	6.00	Hallstar
<b>B</b>	SolaPure™ ZnO C	Zinc Oxide, Triethoxycaprylylsilane	20.00	
	HallStar® Zinc Stearate	Zinc Stearate	0.50	Hallstar
<b>C</b>		Butylene Glycol	3.00	
		Xanthan Gum (pharma grade)	0.15	
<b>D</b>		Water (Aqua)	up to 100	
		Sodium Chloride	1.00	
		Preservative	a.n.	
<b>E</b>		Aluminum Starch Octenylsuccinate	2.00	

## Procedure

1. To the main vessel, add phase A with mixing until uniform. Heat up to melt SolaPure™Glo if needed
2. Add phase B into phase A, and mix strongly until uniform.
3. To a secondary vessel add premixture of phase C, and add phase D with mixing.
4. When AB and CD phases are homogeneous, very slowly add phase CD to phase AB.
5. After combination, strongly mix or homogenize until uniform.
6. Add phase E and mix until uniform

## Properties

Appearance: Smooth cream

Viscosity (20 rpm, Brk, RV DV-II, T-D, after 24h at room temperature; mPa·s):  
15000 – 20000

# SiCare®2187P8 Silicone Elastomer Powder

HUNAN SILOK SILICONE CO., LTD.

STAND NUMBER

**E70**

**67**



<b>Product Type</b>	Functional ingredient, toiletries, skincare
<b>Category</b>	Silicones, anti-ageing/anti-wrinkle, emollients, lipids, film former, rheology modifiers, thickeners
<b>Email</b>	<a href="mailto:sicare@silok.com">sicare@silok.com</a>
<b>Website</b>	<a href="http://en.sicare.com/">http://en.sicare.com/</a>

- 
1. Provides a prominent powdery feel to formula
  2. High oil absorption value
  3. Dispersed quickly in grease to a uniform spreadable gel

# FM034-20 Mousse Paste Blush

HUNAN SILOK SILICONE CO., LTD.

E70

67

PHASE	INGREDIENT	INCI NAME	% W/W	SUPPLIER
A	SiCare@201-10	DIMETHICONE	11.54	Silok
	SiCare@2215	PEG-10 DIMETHICONE	3.00	Silok
		ISOPROPYL MYRISTATE	6.50	
	Kingsun 0205 AS	TITANIUM DIOXIDE(AND)TRIETHOXYCAPRYLSILANE	5.20	King Powder
	AS GZ0183	CI 77491(AND)TRIETHOXYCAPRYLSILANE	4.30	King Powder
	AS GZ0384	CI 77492(AND)TRIETHOXYCAPRYLSILANE	0.86	King Powder
		CI 15850	0.26	
		CI 45410	0.34	
	Kingsica@5020 AS	SILICA(AND)TRIETHOXYCAPRYLSILANE	3.00	King Powder
		MICA(AND)TRIETHOXYCAPRYLSILANE	8.00	
	SiCare@2113	POLYMETHYLSILSESQUIOXANE	8.00	Silok
B		OZOKERITE	2.00	
		MICROCRYSTALLINE WAX	2.00	
	SiCare@267-70	C30-45 ALKYL METHICONE(AND)C30-45 OLEFIN	2.00	Silok
C	SiCare@2955	CYCLOPENTASILOXANE	28.00	Silok
	SiCare@2187 P8	VINYL DIMETHICONE/METHICONE SILSESQUIOXANE CROSSPOLYMER	15.00	Silok
D		PRESERVATIVE	Q.S.	
	FRAGRANCE	FRAGRANCE	Q.S.	

## Procedure

1. Grind A to uniform state;
2. Add B to A, heat to 90°C and stir to uniform state without particles;
3. Swell C to even state;
4. Add C to A+B and homo evenly;
5. Add D and stir well.

## Properties

Mousse-like bouncy texture, no flying powder  
The paste turns to powder when applying  
Easy to get, can be colored evenly and shaded naturally  
Silky powdery smooth feel, light and skin-fitting  
Long-lasting oil-adsorption, provides durable natural clear makeup Effect

# VITACEL CS 30 Oat

J. RETTENMAIER & SÖHNE GMBH CO KG

STAND NUMBER

**B39**

**68**



<b>Product Type</b>	Functional ingredient, haircare, skincare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, emollients, lipids, antioxidants, radical scavengers
<b>Email</b>	<a href="mailto:personalcare@jrs.de">personalcare@jrs.de</a>
<b>Website</b>	<a href="http://www.jrspersonalcare.com">www.jrspersonalcare.com</a>

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VITACEL CS 30 Oat is an upcycled unique ingredient made from oat straw with INCI Cellulose.

It is an extremely fine white flowable powder with an average particle size of 30 microns. Due to its special particle structure, it can absorb up to 400% water and 300% oil. ISO 16128 100% natural origin, readily biodegradable, Cosmos, China and Natrue approved. Vegan, halal, and kosher certified, totally safe and edible.

- HIGH water and oil absorbing agent
- ISO 16128 100% natural
- Resource-saving functional additive



# VIVASTAR CS 200 Glucose

J. RETTENMAIER & SÖHNE GMBH CO KG

STAND NUMBER

**B39**

**69**



**Product Type** Functional ingredient, haircare, skincare

**Category** Fillers, extenders, binders

**Email** [personalcare@jrs.de](mailto:personalcare@jrs.de)

**Website** [www.jrspersonalcare.com](http://www.jrspersonalcare.com)

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VIVASTAR CS 200 Glucose is a multifunctional ingredient with various advantages for tablet & powder applications, such as:

- Binder and Filler (2-in-1)
- Humectant
- Excellent flowability and compaction
- Water soluble \_ rapid dissolution
- Anti-caking
- Nice and soft skin feel
- Absorbance of substances due to porosity

# Dekamulen Power'Feel

JAN DEKKER EXCLUSIVELY AT IMCD

STAND NUMBER

V50

70



**Product Type** Functional ingredient, skincare, suncare

**Category** Emulsifiers

**Email** [diane.beuzelin@imcd.nl](mailto:diane.beuzelin@imcd.nl)

**Website** <https://www.jandekker.com/en>

Dekamulen Power'Feel is a 98.8% natural derived high performing polymeric emulsifier with an amazing skin feel, capable of creating many variations of textures. It enables high emollient loads, of broad range of emollient types, at low use levels. It provides light and silky texture, a high spreadability, without a peeling effect. It is a perfect replacement for synthetic emulsifier.

Its non-peeling effect is unique. It has a silky skin feel and is non-sticky.

It is China listed (IECIC 2021), Cosmos approved, biodegradable.

- No peeling effects
- Natural alternative with all the properties of synthetic emulsifiers
- Cold-process possible

# Daily concentrated face serum feat. Dekamulen Power'Feel

JAN DEKKER EXCLUSIVELY AT IMCD  
V50

70

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
<b>A</b>	Water	Water	71.10	Non applicable
	ZEMEA	Propanediol	5.00	DUPONT TATE & LYLE
	NEOFECT 304	Benzyl Alcohol, Caprylyl Glycol	0.60	Jan Dekker
<b>B</b>	Dekamulen Power'Feel	Microcrystalline Cellulose, Xanthan Gum, Cellulose Gum	1.20	Jan Dekker
<b>C</b>	TSUBAKI OIL	Camellia Japonica Seed Oil	20.00	Jan Dekker
	GRANACTIVE RETINOID	Dimethyl Isosorbide, Hydroxypinacolone Retinoate	1.00	Grant
	TOCOMIX L70-IP ORGANIC CO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.10	Jan Dekker
<b>D</b>	PEONY ROOT EXTRACT (B)-BG	Water, Butylene Glycol, Paeonia Albiflora Root Extract	1.00	MARUZEN

## Procedure

1. Mix phase A with a deflocculator (VMI Rayneri)
2. Sprinkle phase B to phase A while mixing and homogenize with medium stirring (600 rpm) with a deflocculator for 10 minutes,
3. Mix phase C with a magnetic stirrer
4. Add phase C to phase A+B and homogenize with strong stirring (3 000 rpm) with a deflocculator for 10 minutes
5. Add phase D to phase A+B+C and homogenize with low stirring (500 rpm) with a deflocculator for 5 minutes,
6. Mix formula with strong stirring (10 000 rpm) with a rotor stator (Ultra Tur-rax) for 3 minutes

## Properties

ANTI-WRINKLES, FIRMING, REPAIRING

# HY-N SOLUTION

NABSOLUTE CO., LTD.

STAND NUMBER

E79

71



<b>Product Type</b>	Functional ingredient, skincare
<b>Category</b>	Anti-inflammatory, anti-irritants, soothing agents, hydration/moisturising, antioxidants, radical scavengers
<b>Email</b>	nabsolute.th@gmail.com
<b>Website</b>	<a href="https://en.nabsolute.co.th/about-us">https://en.nabsolute.co.th/about-us</a>

Hy-N Solution is a delivery system with functional benefits. It's a nano-modified hyaluronic acid grafted with Poly-isopropyl acrylamide, patented by Nabsolute. We have transformed linear hyaluronic acid to be nanoparticles which can enhance stability and efficacy of various active ingredients.

Apart from the function of delivery system, Hy-N solution itself has functional benefits of moisturizing, anti-inflammatory, wound healing, whitening, anti-aging properties.

Conclusion:

- Easy to use: Only simple stirrer with a single step is required to mix our delivery system with active ingredient.
- Versatile: Compatible with wide range of active ingredients and formulations.
- Delivery system with additional functions



<b>Product Type</b>	Functional ingredient, skincare, suncare
<b>Category</b>	Emollients, lipids, rheology modifiers, thickeners, humectants
<b>Email</b>	lam.shivon@oleon.com
<b>Website</b>	<a href="https://www.oleonhealthandbeauty.com/">https://www.oleonhealthandbeauty.com/</a>

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- Green oil thickening solution
- Innovative texture & transparent formulations
- Oil-based rheology modifier
- Natural origin index >0.9

# TRANSPARENT BODY STICK (OL0233)

OLEON  
G70

72

PHASE	INGREDIENT	INCI (OR PROPOSED) INCI NAME	% W/W	SUPPLIER
A	Jolee 7799	Isocetyl isoarachidol, Hydrogenated dilinoleyl alcohol, Glyceryl caprylate, Ethylcellulose	67.5	Oleon
	AJK-OD2046	Dibutyl Ethylhexanoyl Glutamide (and) Dibutyl Lauroyl Glutamide (and) Octyldodecanol	22.5	Ajinomoto
	Jolee 7750	Isoamyl Laurate	3.3	Oleon
	Jolee 7202	Propylene glycol diheptanoate	3.3	Oleon
	Radia 7732	Isopropyl Palmitate	3.3	Oleon

## Procedure

1. Add one by one all the components of phase A and heat at 90°C.
2. Make sure that one homogeneous and transparent mix is obtained
3. Let the mixture cool down under slow stirring, avoid air incorporation
4. Bring the mixture in the specific recipient / holder at about 80°C
5. Cool down to RT without moving.

## Assessment

Transparent, clear, solid stick with oily feel

## Properties

Viscosity – solid, > 80000mPa.s at RT

Hardness about 15N

Jolee 7799 Jolee 7799 is a good texture modifier.

Jolee 7750 Jolee 7750 is great ligh feel emollient.

Jolee 7202 Jolee 7202 Si alternative, oily upon application but unique powdery after feel

Radia 7732 Excellent emollient and spreading



<b>Product Type</b>	Functional ingredient, skincare, toiletries
<b>Category</b>	Emulsifiers, solubilisers, rheology modifiers, thickeners
<b>Email</b>	<a href="mailto:renee.wong@sensient.com">renee.wong@sensient.com</a>
<b>Website</b>	<a href="https://sensient-beauty.com/">https://sensient-beauty.com/</a>

Natpure Sol SL is 100% naturally derived, global compliant, COSMOS and HALAL compliant solubilizer and emulsifier designed to formulate natural cosmetics.

1. As natural solubilizer  
Solubilizes lipophilic substances for oral care application and as mild cleansing agent.
2. As emulsifier for lightweight O/W emulsions  
Formulates fluid light emulsion with very small particle size and high oil content. A good emulsifier and co-emulsifier.
3. As an emulsifier to create D-phase gel with high amount of oil (up to 70%)  
Formulates transformative thickened crystal-clear oil-based gel, where it emulsifies instantaneously when in contact with water. Creates unique texture transformative formulation.

# Sharomix 699

SHARON LABORATORIES LTD.

STAND NUMBER

**P31**

**74**



**Product Type** Functional ingredient, skincare, toiletries

**Category** Preservatives, anti-bacterial

**Email** v.mastria@respharmaind.com

**Website** <https://www.sharon-labs.com/>

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Sharomix TM 699 is a broad-spectrum preservative blend with a minimalist composition, suitable for all those cosmetic applications inspired by clean beauty. Both of its components are listed as food preservatives and represent concrete alternatives to traditional preservation proposals. Sharomix 699 is completely water-soluble, and it is suitable also for baby care and wet-wipes application. Its high biodegradability makes it an eco-friendly preservative.

- From food to cosmetics
- Minimalistic and clean INCI
- Vegan & eco-friendly



# Liponate™ Jojoba NatFilm

VANTAGE PERSONAL CARE™

STAND NUMBER

**N56**

**75**



<b>Product Type</b>	Functional ingredient, skincare, haircare
<b>Category</b>	Emollients, lipids, hydration/moisturising, botanicals, essential oils, plant extracts
<b>Email</b>	marketing.pc.us@vantagegrp.com
<b>Website</b>	www.vantagegrp.com

Liponate™ Jojoba NatFilm is a natural jojoba film for skin hydration and hair conditioning. It provides the same skin and hair benefits as jojoba esters but in a new format that provides a protective film and is easily dispersible in water-based applications. The mixture of jojoba esters and hydrolyzed jojoba esters works synergistically with glycerin to deeply condition skin and hair.

- Multifunctional
- Eco-friendly, natural
- Emollience, moisturizing, softening and conditioning effects
- Compatible in a broad range of formulations: serums, creams, anhydrous balms, shower gels, etc.