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# INNOVATION ZONE GUIDE

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## VividEYE™

Brightens dark circles  
and reduces puffiness

**VividEYE™**

- Visibly increases luminance in the eye contour
- Reduces eye bag volume
- Decreases leakiness of blood vessels
- Stimulates lymphatic vessel formation
- Inhibits melanin formation

SWISS  
QUALITY  
PRODUCT

# Active INGREDIENTS

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**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Active ingredient, Haircare

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

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

PinoPlex™ is inspired by the concept of pine cone scales, which open and close depending on weather conditions. It's a powerful moisturizer for the hair shaft and can combat dry and damaged hair. It not only penetrates the hair, but also retains water by levelling out the hair cuticle, making the hair smoother and shinier. This bio-inspired ingredient prevents split ends and improves hair fibre integrity, making it more resistant to daily stress and breakage.

- Increases hair moisture and prevents split ends
- Leaves hair looking smooth and shiny
- Supports keratinocyte differentiation for healthy hair

**CATEGORY:** Active ingredients

**INGREDIENT BENEFITS:** Reduces dark circles / puffiness

**TYPE:** Active ingredient, Skincare

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

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

VividEYE™ offers a unique and comprehensive solution for a range of undereye area concerns that affect people of all ages. It strengthens the vascular network by reducing blood vessel leakage and stimulating the lymphatic structure for improved fluid drainage.

- Clinically Proven: Demonstrated efficacy in volunteers with dark eye circles and eye bags
- Multi-Target Approach: Acts on keratinocytes, melanocytes, lymphatic cells, and vascular cells
- Gentle and Fresh: Ideally suited for delicate undereye skin, based on organic apple mint leaves

## Hydrogel Eye Patches with VividEYE™

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

### Procedure

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

# ACTICHEM

## Natural RESVINIA® 2% Sol.

STAND NUMBER

# U30A

**CATEGORY:** Active ingredients, Plant extracts

**INGREDIENT BENEFIT:** Hair growth, hair density

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [actichem.net](https://actichem.net)

**EMAIL:** [contact@actichem.fr](mailto:contact@actichem.fr)

ACTICHEM is a French producer of natural active ingredients from upcycled French vine shoots and vine roots for 25 years.

ACTICHEM has just launched a COSMOS approved haircare ingredient, Natural RESVINIA® 2% Sol.:

- Significant results on prevention of hair loss, stimulation of hair growth, anti-pollution, and protective effect against oxidative damage
- Made of natural Resveratrol and epsilon-Viniferin
- Extracted solely from upcycled French vine shoots: these co-products are pruned every year by vine growers
- Standardized in natural butylene glycol
- Made in France
- China approved

**CATEGORY:** Active ingredients, Marine extracts, Bio-fermentation ingredients, Antioxidants, Microspheres, delivery systems

**INGREDIENT BENEFIT:** Hair growth, hair density

**TYPE:** Active ingredient, Haircare

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

**EMAIL:** [alapeyre@algaktiv.com](mailto:alapeyre@algaktiv.com)

ALGAKTIV® Densidyl is an innovative microalgae-based solution designed to address hair loss and graying in one powerful formula. Combining the antioxidant power of phycocyanin and the stress-regulating effects of xanthophylls, it offers 360° protection by targeting both external (exposome) and internal (emossome) stressors. Clinically proven to boost hair density by over 11% and restore pigmentation, it outperforms market standards such as EGF and Minoxidil. Sustainably sourced and eco-friendly, ALGAKTIV® Densidyl sets a new benchmark in hair care by offering exceptional efficacy with just a 2% daily application, making it the future of hair health.

# Ascension Medical Biotechnology Co., Ltd.

## ExoGiov HR Bio-pulsed Exosome specific for hair growth

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| CATEGORY:            | Active ingredients, Antioxidants, Microspheres, delivery systems |
| INGREDIENT BENEFITS: | Hair strength / repair, anti-split ends                          |
| TYPE:                | Active ingredient, Haircare                                      |
| WEBSITE:             | en.ambiotech.asia                                                |
| EMAIL:               | arielhuang@ambiotech.asia                                        |

### ExoGiov HR Bio-pulsed Exosome specific for hair growth

1. Unique “cell to cell communication” with signaling molecules such as miRNA to activate hair follicle regeneration is diiferent with current the other ingredient for hair care product.
2. Compare naiev exosome(without Excellent efficacy study including human clinical trial. The research findings was published in “International Journal of Molecular Sciences ”

## LAEXO Bio-pulsed exosome advanced hair serum

| PHASE | INGREDIENT                     | INCI NAME                                                         | % W/W  | SUPPLIER                  |
|-------|--------------------------------|-------------------------------------------------------------------|--------|---------------------------|
| A     | Aqua                           | Aqua                                                              | 4      | Kang Yen Co., Ltd. Taiwan |
|       | ExoGiov®                       | Chicken embryonic mesenchymal cell-derived extracellular vesicles | 2      | AM biotech, Taiwan        |
| B     | Aqua                           | Aqua                                                              | 25     | Kang Yen Co., Ltd. Taiwan |
|       | Ethylhexylglycerin             | Ethylhexylglycerin                                                | 0.08   |                           |
|       | Butylene Glycol                | Butylene Glycol                                                   | 0.5    |                           |
|       | Glycerin                       | Glycerin                                                          | 0.12   |                           |
|       | Carbomer                       | Carbomer                                                          | 0.1    |                           |
| C     | Aqua                           | Aqua                                                              | 40     | Kang Yen Co., Ltd. Taiwan |
|       | Dipotassium Glycyrhizinate     | Dipotassium Glycyrhizinate                                        | 0.4    |                           |
|       | Niacinamide                    | Niacinamide                                                       | 4      |                           |
| D     | Menthol Crystal                | Menthol Crystal                                                   | 0.05   | Kang Yen Co., Ltd. Taiwan |
|       | PEG-40 Hydrogenated Castor Oil | PEG-40 Hydrogenated Castor Oil                                    | 0.02   |                           |
|       | Tea Tree Oil                   | Tea Tree Oil                                                      | 0.08   |                           |
|       | α-Bisabolol                    | α-Bisabolol                                                       | 0.5    |                           |
|       | Peppermint essential oil       | Peppermint essential oil                                          | 0.1    |                           |
|       | PEG-60 Almond Glycerides       | PEG-60 Almond Glycerides                                          | 0.2    |                           |
| E     | Propylene Glycol               | Propylene Glycol                                                  | 5      | Kang Yen Co., Ltd. Taiwan |
|       | Chlorphenesin                  | Chlorphenesin                                                     | 0.2    |                           |
|       | Phenoxyethanol                 | Phenoxyethanol                                                    | 0.72   |                           |
|       | Caprylyl Glycol                | Caprylyl Glycol                                                   | 0.18   |                           |
| F     | Aqua                           | Aqua                                                              | 10     | Kang Yen Co., Ltd. Taiwan |
|       | Algae Extract                  | Algae Extract                                                     | 2      |                           |
|       | Oleanolic Acid                 | Oleanolic Acid                                                    | 0.03   |                           |
|       | Nordihydroguaiaretic Acid      | Nordihydroguaiaretic Acid                                         | 0.04   |                           |
| G     | Ethanol                        | Ethanol                                                           | 5      | Kang Yen Co., Ltd. Taiwan |
| H     | L-Arginine                     | L-Arginine                                                        | q.s    | Kang Yen Co., Ltd. Taiwan |
|       |                                |                                                                   | 100.32 |                           |

### Procedure

1. Phase A Stir well to dissolve the solids
2. Phase B Stir well
3. Phase C Stir well to dissolve the solids
4. Phase D Stir well to dissolve the solids
5. Phase E is heated to 68 degrees to melt the solid, then cooled to 35 degrees for later use.
6. Mix item 2~5 evenly
7. Phase F Stir well to dissolve the solids

8. Add Item 1 and 7 in and mix well
9. Add Phase G in and mix well
10. Use an appropriate amount of phase H to adjust the pH to 6.5-7.5

### Properties

transparent whiten aqueous solution

STAND NUMBER  
H88

# Ashland Singapore Pte Ltd

sclareance™ biofunctional

**CATEGORY:** Active ingredients, Plant extracts, Anti-microbial agents

**INGREDIENT BENEFITS:** Anti-dandruff

**TYPE:** Active ingredient, Haircare, Skincare

**WEBSITE:** [www.ashland.com/industries/personal-and-home-care/skin-and-sun-care/sclareance-biofunctional](http://www.ashland.com/industries/personal-and-home-care/skin-and-sun-care/sclareance-biofunctional)

**EMAIL:** [personalcareasia@ashland.com](mailto:personalcareasia@ashland.com)

Ashland has a new purified clary sage extract (INCI: sclareolide), sclareance™ biofunctional, obtained by biotechnology, to help limits dandruff, skin and scalp itchiness/irritation. It shows skin barrier and oil control function. With a unique mode of action, acting at the same time by reducing malassezia growth and by helping skin activate vitamin D, sclareance™ can be used in leave on and rinse off formulations for skin (face&body) and hair care applications. It is clinically tested on the volunteers with dandruff and shown to reduce flaking and irritation (n=10).

## Vitamin D boosting & hydrating Jelly Mask for Acne & Pore care

| PHASE | INGREDIENT                    | INCI NAME                                                                                                           | % W/W  | SUPPLIER |
|-------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|----------|
| A     | Water                         | water                                                                                                               | To 100 | Local    |
|       | Natrosol™ Plus 330 CS HMHEC   | cetyl hydroxyethylcellulose                                                                                         | 0.20   | Ashland  |
|       | DISODIUM EDTA                 | disodium edta                                                                                                       | 0.05   | Local    |
|       | Carbomer 980                  | carbomer                                                                                                            | 0.40   | Ashland  |
| B     | Effisin™ pg                   | pentylene glycol                                                                                                    | 2.00   | Ashland  |
|       | Phyteq™ Raspberry I           | raspberry ketone                                                                                                    | 0.40   | Ashland  |
|       | BUTYLENE GLYCOL               | butylene glycol                                                                                                     | 3.00   | Local    |
| C     | sclareance™ biofunctional     | sclareolide                                                                                                         | 0.12   | Ashland  |
|       | Tegosoft CT                   | caprylic/capric triglyceride                                                                                        | 2.00   | Evonik   |
| D     | XIAMETER® PMX-1503 FLUID      | dimethicone (and) dimethiconol                                                                                      | 5.00   | DowSil   |
|       | ABIL® Care XL 80              | bis-peg/ppg-20/5 peg/ppg-20/5 dimethicone (and) methoxy peg/ppg-25/4 dimethicone (and) caprylic/capric triglyceride | 2.00   | Evonik   |
|       | sensiva™ SC 50                | ethylhexylglycerin                                                                                                  | 0.05   | Ashland  |
| E     | NaOH(10%aq solution)          | sodium hydroxide                                                                                                    | 0.75   | Local    |
| F     | 0.1% UNICERT RED K7057-J      | CI 17200                                                                                                            | 0.33   | sensient |
|       | 0.1% UNICERT BLUE 05601-J     | CI 42090                                                                                                            | 0.04   | sensient |
|       | 86443211                      | fragrance                                                                                                           | 0.03   | Givaudan |
| G     | Lubrajel* II XD free Hydrogel | glycerin(and) glyceryl polyacrylate                                                                                 | 10.00  | Ashland  |

### Procedure

1. Add water and begin prop mixing, add Phase A mix well with heating to 75°C for 30 mins and mix until fully dispersed.
2. Pre-mix Phase A2 until uniform, add to phase A1.
3. Add Phase B mix well with heating up to 75°C and mix until uniform.
4. Add Phase C to Phase B, mix well, then add Phase B to A, with homogenizing for 3mins.
5. Begin to cool the batch, add Phase D, with mixing.

6. When the batch is at 40°C, add Phase E ingredients one by one and mix until uniform.
7. Add Phase F and mix until uniform.

### Properties

Appearance = light violet creamy gel  
pH = ~6.0 - 6.5 (10% aq solutio)  
Viscosity = 30,000 – 70,000 cps  
(Brookfield RVT, #6 @10 rpm)

STAND NUMBER  
**W10**

CATEGORY: Active ingredients

INGREDIENT BENEFITS: Anti-ageing, anti-wrinkle

TYPE: Active ingredient, Skincare

WEBSITE: [www.personal-care.basf.com](http://www.personal-care.basf.com)

EMAIL: [nuntamon.tangdamrongtham@basf.com](mailto:nuntamon.tangdamrongtham@basf.com)

VitaGuard™A is the ultimate encapsulation solution allowing the use of retinol without any formulation constraints

- Retinol encapsulated into VitaGuard™A is highly stable in a cosmetic formulation even without any specific packaging
- In vitro, VitaGuard™A helps to avoid retinol-induced irritation while keeping its bioavailability and efficacy on epidermis and dermis
- VitaGuard™A efficacy is clinically proven on forehead wrinkle reduction

VitaGuard A - Revolutionary Retinol cream

| PHASE | INGREDIENT                | INCI NAME                                                                                                                                  | % W/W | SUPPLIER |
|-------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| A     | Myritol® 318 RC           | Caprylic/Capric Triglyceride                                                                                                               | 8     | BASF     |
|       | Emulgade® PL 68/50        | Cetearyl Glucoside, Cetearyl Alcohol                                                                                                       | 1     | BASF     |
|       | Lanette® O                | Cetearyl Alcohol                                                                                                                           | 3.5   | BASF     |
| B     | Water                     | Water                                                                                                                                      | 77    |          |
|       | Glycerin                  | Glycerin                                                                                                                                   | 5     |          |
|       | Verdessence™ Xanthan (5%) | Xanthan Gum, Water                                                                                                                         | 2     | BASF     |
|       | Eumulgin® SG              | Sodium Stearoyl Glutamate                                                                                                                  | 1     | BASF     |
| C     | Preservative              | Phenoxyethanol, Ethylhexylglycerin                                                                                                         | 0.5   |          |
| D     | VitaGuard™ A              | Water, Cetyl Palmitate, Glycerin, Cetareth-12, Polysorbate 20, Retinol, Glyceryl Stearate, Pentylene Glycol, Cetareth-20, Cetearyl Alcohol | 2     | BASF     |

Procedure

1. Heat phase A and phase B until 80 °C individually, stir until uniform.
2. Mix phase A and phase B while stirring with 200 rpm. Homogenize the mixture at 3000 rpm for 5mins until white to creamy emulsion status.
3. Add phase C to the above mixture under 30 °C one by one and homogenize the mixture at 3000 rpm for 3 mins.

Properties

Appearance = pale yellow cream  
pH = 7-8

CATEGORY: Active ingredients

INGREDIENT BENEFIT: Soothing, anti-inflammatory

TYPE: Active ingredient, Skincare

WEBSITE: [biocosmethic.com](https://biocosmethic.com)

EMAIL: [commercial@biocosmethic.com](mailto:commercial@biocosmethic.com)

From the heart of tea tree oil, MELALEUCOL is a natural purified soothing ingredient that can prevent skin photoflamm’aging. It prevents UV-induced skin aging signs by targeting proinflammatory cytokines and elastin-related factors. By preserving and restoring skin physical and immune barriers, MELALEUCOL provides gentle protection for all types of skin, especially sensitive skin.

# Bloomage Biotechnology Corp., Ltd.

Bioyouth™-NANA N-Acetylneuraminic Acid

**CATEGORY:** Bio-fermentation ingredients, Humectants, Antioxidants

**INGREDIENT BENEFITS:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [henry@bloomagebiotech.com](mailto:henry@bloomagebiotech.com)

- “Cell Antenna”: Enhances cellular signal transduction and boosts cellular vitality. Inhibits MMP-1 synthesis to reduce collagen loss at the source, promotes CD44 and HA expression to strengthen downstream signal transduction.
- Main Active Ingredient of Cubilose (Bird’s Nest): Derived from both cosmetics and food sources, ensuring greater safety. As a new cosmetic ingredient in China, it is backed by patented strain and obtained through a fermentation technology platform.
- Synergetic Effects: Synergistically combined with retinol, low molecular weight sodium hyaluronate, and sodium hyaluronate derivatives, producing superior anti-aging, anti-inflammatory, and antioxidant effects.

## Sialic Acid Rejuvenation Mask for Preventative Aging

| PHASE | INGREDIENT                                 | INCI NAME                                                                                                                                 | % W/W  | SUPPLIER |
|-------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| A     | GLYCERIN                                   | GLYCERIN                                                                                                                                  | 3      |          |
|       | BUTYLENE GLYCOL                            | BUTYLENE GLYCOL                                                                                                                           | 5      |          |
|       | Bioyouth™-NANA -Acetylneuraminic Acid      | ACETYLNEURAMINIC ACID                                                                                                                     | 0.1    | Bloomage |
|       | Bioyouth™-EGT Pure Ultrapure Ergothioneine | ERGOTHIONEINE                                                                                                                             | 0.1    | Bloomage |
|       | Hymagic™-4D 4D Hyaluronic Acid             | AQUA, PENTYLENE GLYCOL, SODIUM ACETYLATED HYALURONATE, SODIUM HYALURONATE, SODIUM HYALURONATE CROSSPOLYMER, HYDROLYZED SODIUM HYALURONATE | 1      | Bloomage |
|       | Water                                      | AQUA                                                                                                                                      | To 100 |          |
| B     | BETAINE                                    | BETAINE                                                                                                                                   | 2      |          |
|       | CARBOMER                                   | CARBOMER                                                                                                                                  | 0.2    |          |
|       | DISODIUM EDTA                              | DISODIUM EDTA                                                                                                                             | 0.05   |          |
| C     | PC2000                                     | AMINOMETHYL PROPANOL, WATER                                                                                                               | 0.15   |          |
| D     | SIMULGEL INS 100                           | HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER, WATER, ISOHEXADECANE, POLYSORBATE 60, SORBITAN ISOSTEARATE               | 1.5    |          |
| E     | FRAGRANCE                                  | FRAGRANCE                                                                                                                                 | q.s    |          |
|       | PE9010                                     | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN                                                                                                        | 0.6    |          |

### Procedure

1. After uniformly mixing phase A, add purified water and stir to dissolve,
2. Add B phase ingredients in turn, stir to dissolve, and then add C phase to stir to dissolve,
3. Add D phase, stir to dissolve, homogenize for 3 minutes, and finally add E phase, stir to dissolve,
4. Let it stand for a jelly-like gel cream.

### Properties

pH = 5.0-6.5  
Jelly-like gel cream  
Silky & non-sticky

STAND NUMBER  
**P30**

# Bloomage Biotechnology Corp., Ltd.

## Bloomsurfact™ Sodium Surfactin

**CATEGORY:** Bio-fermentation ingredients, Surfactants, foaming agents, Emulsifiers, co-emulsifiers

**INGREDIENT BENEFITS:** Antioxidant

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [henry@bloomagebiotech.com](mailto:henry@bloomagebiotech.com)

- Bloomsurfact™ Sodium Surfactin is a cyclic peptide biosurfactant derived entirely from bio-based carbon sources and is produced through an eco-friendly manufacturing process. It boasts exceptional biodegradability, extremely low critical micelle concentration (CMC), characteristics of self-assembly, and antibacterial properties.
- Safety tests, irritation tests, and efficacy trials indicate that Bloomsurfact™ Sodium Surfactin, compared to traditional chemical surfactants, exhibits lower cytotoxicity, weaker irritation, and stronger surface activity. It is a safe, mild, green, and sustainable surfactant.
- Bloomage has developed a patent delivery platform, leveraging the distinctive structure of Bloomsurfact™ Sodium Surfactin to enhance the penetration and stability of active ingredients.

# Youth Preserve Tightening & Soothing Emulsion Serum

| PHASE | INGREDIENT                                         | INCI NAME                                                          | % W/W  | SUPPLIER |
|-------|----------------------------------------------------|--------------------------------------------------------------------|--------|----------|
| A     | ISIS                                               | ISONONYL ISONONANOATE                                              | 1      |          |
|       | Jojoba Seed Oil                                    | SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL                             | 1      |          |
|       | Tinogard TT                                        | PENTAERYTHRITYL TETRA-DI-t-BUTYL HYDROXYHYDROCINNAMATE             | 0.05   |          |
|       | OLIVEM 1000K                                       | CETEARYL OLIVATE, SORBITAN OLIVATE                                 | 1      |          |
| B     | Bloomsurfact™ Sodium Surfactin                     | SODIUM SURFACTIN                                                   | 0.03   | Bloomage |
|       | XANTHAN GUM                                        | XANTHAN GUM                                                        | 0.2    |          |
|       | ZEN                                                | POLYACRYLATE CROSSPOLYMER-6                                        | 0.2    |          |
|       | GLYCEROL                                           | GLYCEROL                                                           | 10     |          |
|       | Hybloom™ Minitrue                                  | HYDROLYZED SODIUM HYALURONATE                                      | 0.2    | Bloomage |
|       | Bioyouth™-FCM Cordyceps Militaris Ferment Filtrate | LACTOCOCCUS FERMENT, PENTYLENE GLYCOL, CORDYCEPS MILITARIS EXTRACT | 1      | Bloomage |
|       | Bloomcolla™ Col III Recombinant Collagen III       | SOLUBLE COLLAGEN                                                   | 0.2    | Bloomage |
| C     | Bioecto™ Ectoine                                   | ECTOIN                                                             | 1      | Bloomage |
|       | PE9010                                             | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN                                 | 0.7    |          |
|       | FRAGRANCE                                          | FRAGRANCE                                                          | q.s    |          |
|       | Water                                              | AQUA                                                               | To 100 |          |

## Procedure

1. B phase raw materials were mixed in turn, stirred with water until dissolved, heated to 85°C,
2. Mix the A phase raw materials and heat to 85°C,
3. Pour phase A into phase B, homogenize for 2 min, and the temperature drops to 40-50°C,
4. Add C phase raw materials, homogenize for 1 min, to obtain emulsion essence.

## Properties

pH = 6.0-7.0  
Emulsion Serum

STAND NUMBER  
**P30**

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Anti-stretch marks

**TYPE:** Active ingredient, Skincare

**WEBSITE:** celliconlab.com

**EMAIL:** skohtn@celliconlab.com

DST-WAT is an extraordinary slimming agent that specifically developed for topical anti-cellulite/ fat reduction products with high efficacy and low side effects.

1. High Targeting Specificity of Novel WAT (White Adipocyte Targeting) Peptide ONLY to Fat Cells in Deep Skin
2. Targeted Adipo-cytolytic activity of DST-WAT Reduces Side Effects (i.e. tissue necrosis) caused by Strong Cytolytic Activity of DCA
3. Revolutionary Transdermal Delivery Technology, DermiShuttle Ensures Delivery of DST-WAT into Deep Skin Fast

Topical anti-cellulite/ fat reduction products with DST-WAT can be a game changer in non-invasive procedures venue.

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| CATEGORY:            | Conditioning agents, Emollients, lipids, petrolatum, Humectants |
| INGREDIENT BENEFITS: | Hair conditioning, frizz control                                |
| TYPE:                | Active ingredient, Haircare                                     |
| WEBSITE:             | www.cidols.com                                                  |
| EMAIL:               | stephanie@cidols.com                                            |

PCA Glyceryl Oleate (PCAGO) is a unique ingredient in the personal care industry due to its multifunctional nature and versatility. Unlike traditional ingredients, PCAGO supports the creation of transparent, silicone-free shampoos, a significant advancement as most silicone alternatives often lead to cloudiness. This ability to maintain clarity in silicone-free formulations is a major innovation, catering to the growing demand for clean and visually appealing hair care products.

- helps to thicken sulphate free shampoo
- forms a clear silicone free shampoo
- provide a layering on the skin for skin care and conditioning effect on hair

## Gentle Conditioning Shampoo

| PHASE | INGREDIENT                        | INCI NAME                                                                                | % W/W      | SUPPLIER            |
|-------|-----------------------------------|------------------------------------------------------------------------------------------|------------|---------------------|
| A     | Deionized Water                   | Aqua                                                                                     | up to 100% |                     |
|       | Ercapeg 6000 DS                   | PEG-150 Distearate                                                                       | 2.8        | ErcaWilmar          |
|       | Ercamild CS30                     | Sodium Cocoyl Sarcosinate                                                                | 11         | ErcaWilmar          |
|       | Dehyton® K                        | Cocamidopropyl Betaine                                                                   | 10         | BASF                |
|       | Plantaren® 2000 N UP              | Decyl Glucoside                                                                          | 4.5        | ErcaWilmar          |
| B     | Feelz SL 216                      | Polysorbate 20                                                                           | 2.00       | Cidols              |
|       | Reflez PCA GO                     | PCA Glyceryl Oleate                                                                      | 2          | Cidols              |
|       | Nature Guard VLC                  | Citrus Lemon Extract, Cinnamomum Cassia Bark Extract, Glycine Max (Soybean) Seed Extract | 1.2        | Cidols              |
|       | Fragrance-Miracle Sakura FRH01144 | Parfum                                                                                   | 0.4        | P.T Ogawa Indonesia |
| C     | Citric Acid ( 50% solution)       | Citric Acid                                                                              | q.s        |                     |

### Procedure

1. Premix Phase A in main tank and heat up to 80°C. Stir until all homogeneous. Proceed cooling while stirring
2. Premix Phase B in separate tank. Mix well until all homogenous.
3. Add Phase B into Phase A when Phase A reach 40°C. Mix well until homogeneous and clear solution is formed
4. Adjust pH with Phase C if necessary. (pH 5.0-6.0)

### Properties

Appearance Character Status = Clear  
pH(25°C) = 5.63  
Viscosity ( S05, 10 rpm) = 5400

**CATEGORY:** Active ingredients, Bio-fermentation ingredients

**INGREDIENT BENEFIT:** Firming, lifting, smoothing, tightening

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [info@clr-berlin.com](mailto:info@clr-berlin.com)

CefiraProtect CLR™ rejuvenates skin's own antioxidant potential and protects skin's most vital proteins against oxidative damage. It enhances the self-maintaining properties of skin, improves its barrier function, firmness, and elasticity. Additionally, it actively counteracts hidden inflammations which drive skin deterioration with age.

CefiraProtect CLR™ is obtained using high-tech fermentation of *Lactobacillus kefiranofaciens*, a probiotic well-known as the key component of kefir grains, used for the world-famous health-drink kefir.

- translating the renowned health benefits of kefir into a vegan, sustainable format
- targeting a root cause of skin aging: oxidative stress
- a modern, preventive approach by targeting hidden inflammation

# CODIF TN

## PANTODIUM CICA

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| CATEGORY:            | Active ingredients, Bio-fermentation ingredients, Marine extracts |
| INGREDIENT BENEFITS: | Moisturizing, hydrating                                           |
| TYPE:                | Active ingredient, Skincare                                       |
| WEBSITE:             | www.codif-tn.com                                                  |
| EMAIL:               | g.moro@codif-tn.com                                               |

Pantodium Cica is a fermented seaweed extract Organic certified.

Once applied on the skin it activates the production of Vit B5 directly inside your skin thanks to skin’s microbiota.

Much more than a natural alternative to D-Panthenol (pro-Vit B5); it provides a multiplied regenerative action more powerful than D-Panthenol.

- Its benefits cover the wide range of applications already known for Vit B5:
- moisturization and reinforcement of skin integrity
  - decrease in skin reactivity and redness
  - disappearance of scars and blemishes

# THE SEACA CREAM

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

## Procedure

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

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

## Properties

Semi-thick white cream.  
pH = 7.2

STAND NUMBER  
T60

# Croda Singapore Pte Ltd

## Crodabond™ CSN

STAND NUMBER

# K30

**CATEGORY:** Film formers, styling agents

**INGREDIENT BENEFIT:** Hair strength / repair, anti-split ends

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [www.crodabeauty.com/en-gb](http://www.crodabeauty.com/en-gb)

**EMAIL:** [laura.lai@croda.com](mailto:laura.lai@croda.com)

Crodabond CSN offers immediate and long-lasting cuticle sealing and split end repair, for longer healthier-looking hair. It is 100% natural according to ISO 16128, vegan suitable, and has COSMOS certification pending.

# Daebong LS Co., Ltd.

## Citron Barrier Ceramide

STAND NUMBER  
**M69**

**CATEGORY:** Active ingredients, Oils, butters, Humectants

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.daebongls.co.kr](http://www.daebongls.co.kr)

**EMAIL:** [yj.kim1@daebongls.co.kr](mailto:yj.kim1@daebongls.co.kr)

Citron Barrier Ceramide is a naturally derived pseudo-ceramide made from upcycled citron seed oil. This exceptional raw material is confirmed to be safe, skin-friendly, eco-friendly, and more effective than natural ceramides. Produced without chemical synthesis, it undergoes an enzyme treatment process, offering strong benefits for skin moisture and barrier function.

CATEGORY:

Active ingredients, Plant extracts, Antioxidants, Conditioning agents

INGREDIENT BENEFITS:

Anti-ageing, anti-wrinkle

TYPE:

Active ingredient, Skincare, Suncare

WEBSITE:

[www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html](http://www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html)

EMAIL:

[nicolas.lasbistes@dsm-firmenich.com](mailto:nicolas.lasbistes@dsm-firmenich.com)

ETERWELL™ YOUTH A new life for your skin. Infinite well-aging, powered by Senolytic Science. It selectively removes the dermo-destructive senescence cells, addressing the root causes of premature aging and promotes the natural skin renewal processes. Skin looks 6 years younger in just 2 weeks. The power of the rare Epilobium fleischeri plant extract, sustainably and ethically sourced.

- Full senolytic substantiation in vitro, ex vivo and in vivo with unique visualization
- Strong reduction of senescent fibroblasts at very low concentration in vitro
- Skin texture, structure, elasticity & wrinkles significantly improved vs placebo after 3 months

ETERWELL™ YOUTH Ultimate Youth Cream

| PHASE | INGREDIENT                              | INCI NAME                                                                                           | % W/W | SUPPLIER                             |
|-------|-----------------------------------------|-----------------------------------------------------------------------------------------------------|-------|--------------------------------------|
| A     | Water Dem                               | AQUA                                                                                                | 43.97 |                                      |
|       | Dissolvine NA2-S                        | DISODIUM EDTA                                                                                       | 0.05  | AKZO NOBEL                           |
|       | Glycerin 99.5%                          | GLYCERIN                                                                                            | 3.00  | EMERY OLEOCHEMICALS GMBH             |
|       | Carbopol 981                            | CARBOMER                                                                                            | 0.18  | LUBRIZOL ADVANCED MATERIALS, IN      |
| B     | SALACOS 816T                            | CETYL ETHYLHEXANOATE                                                                                | 15.00 | IKEDA CORPORATION                    |
|       | PURESYN 4                               | HYDROGENATED POLY(C6-14 OLEFIN)                                                                     | 16.00 | EXXONMOBIL CHEMICAL COMPANY          |
|       | DUB ININ                                | ISONONYL ISONONANOATE                                                                               | 0.50  | STEARINERIE DUBOIS FILS              |
|       | Schercemol DISM                         | DIISOSTEARYL MALATE                                                                                 | 3.00  | LUBRIZOL ADVANCED MATERIALS, IN      |
|       | Tween 60                                | POLYSORBATE 60                                                                                      | 0.80  | CRODA                                |
|       | Span 60                                 | SORBITAN STEARATE                                                                                   | 0.60  | CRODA                                |
|       | Arlacel 170                             | GLYCERYL STEARATE                                                                                   | 0.50  | CRODA                                |
|       | JNA-CS50                                | CETEARYL ALCOHOL                                                                                    | 1.50  | JEONG NAM FAT & OIL CHEMICAL CO, LTD |
|       | JNF-800                                 | STEARIC ACID                                                                                        | 1.00  | JEONG NAM FAT & OIL CHEMICAL CO, LTD |
|       | KM 105C                                 | GLYCERYL STEARATE                                                                                   | 0.50  | JEONG NAM FAT & OIL CHEMICAL CO, LTD |
|       | XIAMETER PMX-0345                       | CYCLOPENTASILOXANE, CYCLOHEXASILOXANE                                                               | 4.00  | DOW                                  |
|       | XIAMETER PMX-200 Silicone Fluid 100 CST | DIMETHICONE                                                                                         | 2.00  | DOW                                  |
|       | STIMU-TEX® AS                           | ARGANIA SPINOSA KERNEL OIL, TOCOPHEROL, BUTYROSPERMUM PARKII (SHEA) BUTTER EXTRACT, SPENT GRAIN WAX | 0.50  | dsm-firmenich                        |
| C     | euxyl® pe 9010                          | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN                                                                  | 0.50  | SCHÜLKE & MAYR GMBH                  |
|       | ETERWELL™ YOUTH                         | EPILOBIUM FLEISCHERI LEAF/STEM EXTRACT, GLYCERIN, AQUA, CITRIC ACID                                 | 3.00  | dsm-firmenich                        |
|       | SYN®-COLL CB                            | PALMITOYL TRIPEPTIDE-5, GLYCERIN, AQUA                                                              | 3.00  | dsm-firmenich                        |
|       | Tris Amino Ultra PC                     | TROMETHAMINE                                                                                        | 0.10  | Angus Chemical Company               |
|       | SPARK THE SENSES P00Z613                | PARFUM                                                                                              | 0.30  | dsm-firmenich                        |

Procedure

1. Prepare Phase A under mixing. Heat to 75C.
2. Prepare Phase B. Heat to 75C.
3. Add Phase B to Phase A under homogenization.
4. Cool Bulk to 40C while mixing.
5. Add Phase D to Bulk sequentially.
6. Adjust pH to 5.5.

Properties

pH = 5.5  
Viscosity (spindle LV4 / 10 rpm) = 35000 mPa.s

# EVONIK (THAILAND) LTD.

Golden C® NG

**CATEGORY:** Active ingredients, Vitamins, minerals, Antioxidants

**INGREDIENT BENEFITS:** Antioxidant

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [personal-care.evonik.com/en](https://personal-care.evonik.com/en)

**EMAIL:** [sitanun.rattनावattanathorn@evonik.com](mailto:sitanun.rattनावattanathorn@evonik.com)

- Gold-stabilized ascorbic acid
- It enables Ascorbic Acid-based formulations never seen before in gel formats and clear aqueous solutions
- The combination with gold and its symbolic connotation allows for the creation of a new premium category for Vitamin C

## Golden C® NG

| PHASE | INGREDIENT               | INCI NAME                                                                                                           | % W/W | SUPPLIER |
|-------|--------------------------|---------------------------------------------------------------------------------------------------------------------|-------|----------|
| A     | Deionised Water          | Water (Aqua)                                                                                                        | 87.10 |          |
|       | Dermofeel® PA-3          | Sodium phytate, Water (Aqua), Alcohol                                                                               | 0.20  | Evonik   |
|       | Dermorganics® Glycerin   | Glycerin                                                                                                            | 2.00  |          |
|       | Keltrol CG-SFT           | Xanthan gum                                                                                                         | 1.00  |          |
|       | Propanediol              | Propanediol                                                                                                         | 3.00  |          |
|       | Dermosoft® Pentiol eco   | Pentylene Glycol                                                                                                    | 4.00  | Evonik   |
|       | Citric Acid 20% Solution | Aqua, Citric acid                                                                                                   | 0.20  |          |
|       | Golden C® NG             | Water (Aqua), Sorbitol, Propanediol, 1-2 Hexanediol, Caprylyl glycol, Xanthan gum, Ascorbic acid, Gold, Glutathione | 0.50  | Evonik   |
|       | Verstatil® SL non GMO    | Water (aqua), Sodium levulinate, Potassium sorbate                                                                  | 2.00  | Evonik   |
| B     | Gold 985 Flakes No.5     | Gold                                                                                                                | q.s.  |          |

### Procedure

1. Add the following ingredients in Phase A in given order to main vessel using a propeller mixer at medium speed.
2. Pre-mix the glycerin with xanthan gum prior to addition.
3. Adjust pH to 5.0-6.0 using citric acid solution if necessary.
4. Add phase B slowly into gel with slow mixing to evenly disperse the flakes

### Properties

Appearance = Clear serum with gold flakes  
Viscosity = 2500 cPs  
pH = 5.0-6.0  
Microbiological Safety = Challenge test passed

STAND NUMBER  
**AA20**

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Reduces dark circles / puffiness

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [customerservice@exsymol.com](mailto:customerservice@exsymol.com)

100% natural origin, synthesized from biofermented aminoacids offering a 360° action on eye contour:

PTOSIS LIFTING

WRINKLE FILLER

PIGMENTATION CORRECTOR

PUFFINESS RELIEVER

Prolistin's high efficacy lies in its free copper scavenging properties which was identified as a common target for all eye contour concerns. Since free copper is responsible for ROS production in a Fenton-like reaction, Prolistin reduces the oxidative stress responsible for cellular and extra-cellular damages, wrinkles appearance and eyelid sagging (ptosis). By scavenging free copper ions, it inhibits inflammation and melanogenesis, thus decreasing both puffy eyes and dark circles.

Capture the world with Prolistin, the visionary eye-catcher.

CATEGORY: Active ingredients, Plant extracts

INGREDIENT BENEFITS: Reduces dark circles / puffiness

TYPE: Active ingredient, Skincare, Decoratives

WEBSITE: [www.gattefosse.com](http://www.gattefosse.com)

EMAIL: [mlsoong@gattefosse.sg](mailto:mlsoong@gattefosse.sg)

Eyeglorius™ offers an organic solution for cosmetic brands to treat all signs of fatigue, targeting the sub-ocular area to improve microcirculation and reduce vascular permeability. This prevents fluid leakage, dark circles, and eye bags. Clinical studies show visible reduction in dark circles and eye bags within one month, revealing a refreshed look.

- Oil-soluble and heat-resistant active for skincare and makeup formulations
- Multifactorial approach to dark circles and eye bags: microcirculation, hyperpigmentation, inflammation
- Contains triterpenoid acids from upcycled sea buckthorn leaves to enhance skin microcirculation

Dewy Tinted Cream SPF20

| PHASE | INGREDIENT                   | INCI NAME                                                                                  | % W/W | SUPPLIER    |
|-------|------------------------------|--------------------------------------------------------------------------------------------|-------|-------------|
| A1    | EMULIUM® ILLUSTRO            | POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6         | 2.0   | GATTEFOSSE  |
|       | COMPRITOL® 888 CG MB         | GLYCERYL BEHENATE                                                                          | 1.0   | GATTEFOSSE  |
|       | LIPOCIRE™ A SG               | C10-18 TRIGLYCERIDES                                                                       | 4.0   | GATTEFOSSE  |
|       | EYEGLORIUSTM                 | OCTYLDODECYL MYRISTATE, HIPPOPHAE RHAMNOIDES EXTRACT                                       | 2.0   | GATTEFOSSE  |
| A2    | EMULIUM® ILLUSTRO            | POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6         | 2.0   | GATTEFOSSE  |
|       | MOD MB                       | OCTYLDODECYL MYRISTATE                                                                     | 8.0   | GATTEFOSSE  |
|       | LABRAFACT™ CC MB             | CAPRYLIC/CAPRIC TRIGLYCERIDE                                                               | 8.0   | GATTEFOSSE  |
|       | HALLBRITE® BHB               | BUTYLOCTYL SALICYLATE                                                                      | 3.0   | HALLSTAR    |
|       | BENTONE GEL® GTCC V          | CAPRYLIC/CAPRIC TRIGLYCERIDE, STEARALKONIUM HECTORITE, PROPYLENE CARBONATE                 | 3.0   | ELEMENTIS   |
|       | ASL-1 TIO2 CR-50             | TITANIUM DIOXIDE, SODIUM LAUROYL GLUTAMATE, LYSINE, MAGNESIUM CHLORIDE, ALUMINUM HYDROXIDE | 3.0   | DAITO KASEI |
|       | ASL-1 YELLOIW LL-100P        | IRON OXIDES, SODIUM LAUROYL GLUTAMATE, LYSINE, MAGNESIUM CHLORIDE                          | 1.2   | DAITO KASEI |
|       | ASL-1 RED BL-516P            | IRON OXIDES, SODIUM LAUROYL GLUTAMATE, LYSINE, MAGNESIUM CHLORIDE                          | 0.2   | DAITO KASEI |
|       | ASL-1 BLACK BL-100P          | IRON OXIDES, SODIUM LAUROYL GLUTAMATE, LYSINE, MAGNESIUM CHLORIDE                          | 0.1   | DAITO KASEI |
|       | ZNO-750-NJE7                 | ZINC OXIDE, JOJOBA ESTERS                                                                  | 12.0  | KOBO        |
| B     | A15-TIO2-SX-NJE8             | TITANIUM DIOXIDE, SILICA, JOJOBA ESTERS                                                    | 6.0   | KOBO        |
|       | DEMINERALIZE WD ATER         | WATER                                                                                      | 32.4  |             |
|       | PROPANEDIOL                  | PROPANEDIOL                                                                                | 3.0   |             |
|       | SODIUM HYDROXIDE (10 % SOL.) | WATER, SODIUM HYDROXIDE                                                                    | 0.1   |             |
|       | GEOGARD UL TRA™              | GLUCONOLACTONE, SODIUM BENZOATE, CALCIUM GLUCONATE                                         | 0.5   | LONZA       |
| C     | MAGNESIUM SULFATE 99%        | MAGNESIUM SULFATE                                                                          | 2.0   |             |
|       | CETIOL® ULTIMATE             | UNDECANE, TRIDECANE                                                                        | 4.0   | BASF        |
| D     | PE9010                       | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN                                                         | 0.5   |             |
|       | SOLASTEMISTM                 | FRUCTOSE, WATER, GLYCERIN, SECHIUM EDULE FRUIT EXTRACT                                     | 2.0   | GATTEFOSSE  |

Procedure

1. In the main vessel, prepare phase A1. Heat at 85°C to ensure that COMPRITOL® 888 CG MB is well melted.
2. Prepare phase A2: wet pigments and UV filters with all the other ingredients and use a 3 roll mills to get a homogeneous paste.
3. Add phase A2 into phase A1, disperse to get a homogeneous phase and set the temperature at 70-75°C.
4. Prepare water phase B and solubilize the salts. Heat at 70-75°C.
5. Proceed with the emulsion of phase B into phase A at 70-75°C under medium shear, and then increase to high shear (3000 rpm) for 10 minutes. Check that the emulsion is homogeneous.
6. Cool down under moderate shear and below 35°C add phases C and D. Check to ensure the good incorporation of ingredients and that the formula is homogeneous.
7. Finish to cool down at 25°C.

Properties

Aspect = Beige cream with dewy finish and buildable coverage  
Viscosity = Brookfield RV (spindle C, speed 5): approx. 50.000 mPa.s  
In-vivo DETERMINATION OF THE SUN PROTECTION FACTOR (SPF) ISO 24444:2019/Amd1:2022  
Screening on 5 subjects  
Sun Protection Factor = SPF 22.5  
Naturality = > 96%

STAND NUMBER  
H30A

# Givaudan Active Beauty

## Illuminyl™ 388

STAND NUMBER

# H40

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Brightening, lightening

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.givaudan.com/fragrance-beauty/active-beauty](http://www.givaudan.com/fragrance-beauty/active-beauty)

**EMAIL:** [global.cosmetic@givaudan.com](mailto:global.cosmetic@givaudan.com)

Illuminyl™ 388 is an augmented polyphenol, based on green tea's most iconic molecule: EGCG. It leverages biotech expertise in cell free glycosylation to generate a new brightening active with drastically improved stability, solubility and bioavailability. Targeting all the major pigmentation pathways simultaneously: melanogenesis, tyrosinase activity and melanin transfer, in synergy its prebiotic activity fosters specific skin microbiome bacteria growth, releasing a potent niacin-derivative, reinforcing brightening efficacy.

Illuminyl™ 388 delivers exceptional results:

- Enhanced skin brightening efficacy
- Skin tone improvement and reduction of pigmentation spots
- Clinically proven results: 200+ volunteers, 4 ethnicities, versus placebo and benchmarks including Vitamin C

# Givaudan Active Beauty

## Neuroglow™

STAND NUMBER

# H40

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Self-tanning, tan enhancement

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.givaudan.com/fragrance-beauty/active-beauty](http://www.givaudan.com/fragrance-beauty/active-beauty)

**EMAIL:** [global.cosmetic@givaudan.com](mailto:global.cosmetic@givaudan.com)

Neuroglow is an innovative botanical active ingredient, crafted by green fractionation, obtained from *Persicaria tinctoria*, the indigo plant. It acts fully mimicking all the benefits of the sun, and at the same time protecting from the risks of excessive sun exposure.

It increases melanin production giving a healthy tan and boosts Vitamin D, linked to energy and immune function, beta endorphin, linked to good mood and wellbeing, and oxytocin, the molecule of love.

It also shows protective effects counteracting inflammation and DNA damage.

- Represents the bright side of the sun
- Promotes a healthy tan look
- Boosts wellbeing, good mood, energy

**CATEGORY:** Active ingredients, Plant extracts

**INGREDIENT BENEFIT:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.greentech.fr/en/timelys-2](http://www.greentech.fr/en/timelys-2)

**EMAIL:** [worapongpangma@greentech.fr](mailto:worapongpangma@greentech.fr)

TIMELYS® is a natural active ingredient to enhance skin longevity. Developed from schisandra chinensis, adaptogen berries of wild flora classified among the superior medicines, TIMELYS® is rich in schisandrin, phytomolecule known as skin healthspan enhancer.

While optimizing essential interconnected cellular functions over time and acting on skin longevity mechanisms (autophagy, mitochondrial activity, microcirculation, inflammation...), TIMELYS® has an intensive preventive action on wrinkles, for a glowing and smoothed skin (clinical study of 3 multi-ethnic cohorts).

TIMELYS® represents a perfect blend of the power of nature and a cutting-edge scientific process, to provide a complete solution for preserving and extending skin longevity.

**CATEGORY:** Active ingredients, Plant extracts, Antioxidants

**INGREDIENT BENEFIT:** Sebum control, mattifying

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [health-beauty.groupeberkem.com](https://health-beauty.groupeberkem.com)

**EMAIL:** [nathalie.levy@berkem.com](mailto:nathalie.levy@berkem.com)

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

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

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

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

# Guangzhou JNU Beauty& Life Science Co.,Ltd.

## Recomtein® REP 安修因

STAND NUMBER

# U98

**CATEGORY:** Active ingredients, Bio-fermentation ingredients

**INGREDIENT BENEFIT:** Soothing, anti-inflammatory

**TYPE:** Active ingredient, Skincare, Suncare

**WEBSITE:** [www.gzubls.cn](http://www.gzubls.cn)

**EMAIL:** [ubls@sunkisschemical.com](mailto:ubls@sunkisschemical.com)

1. Scientific: Recomtein® REP(FIBRONECTIN) is a multifunctional glycoprotein that exists in the matrix.It is an active fragment of human fibritin obtained by RGD targeted gene engineering protein recombination technology, AI biocomputer science and synthetic biology.
2. Innovation: The traditional recombinant source of fifiolin thermal stability is not very good, must be in the use of low temperature addition and storage. The purity, structural stability and efficacy of the target protein were greatly improved by the technology. It keeps its activity stable at 55 ° C for 72h to keep its high efficiency.
3. Sustainability: Save Energy, protect environmental and non-toxic by-products.

CATEGORY: Active Ingredients

INGREDIENT BENEFITS: Firming, lifting, smoothing, tightening

TYPE: Active ingredient, Skincare

WEBSITE: [www.hallstarbeauty.com](http://www.hallstarbeauty.com)

EMAIL: [bzhang@hallstar.com](mailto:bzhang@hallstar.com)

Chronic exposure to psychological stress negatively affects skin, leading to wrinkles, dullness, redness and more. Hallstar Beauty has used its natural actives expertise to create an ingredient that inhibits the Monoamine Oxidase A (MAO-A) enzyme, boosting serotonin production and thus constraining stress’s impact. Developed using the Oléo-éco-extraction process (100% recycled waste), BLISS Oléoactif® combines the benefits of linden sapwood with sunflower oil, both from responsible, organic, and local (French) sources.

- First oil-based active ingredient enriched with linden sapwood compounds
- Validated benefits similar to sun exposure and antidepressants
- Only active ingredient on the market that targets the serotonin metabolic pathway

Adaptogen Repairing Cream

| PHASE | INGREDIENT                    | INCI NAME                                                                                                                                                                                   | % W/W | SUPPLIER |
|-------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| A     |                               | Caprylic/Capric Triglyceride                                                                                                                                                                | 5.00  |          |
|       | Sensolene® Light ET           | Ethyl Olivatate, Olea Europaea (Olive) Leaf Extract                                                                                                                                         | 3.00  | Hallstar |
|       |                               | Squalane                                                                                                                                                                                    | 2.00  |          |
|       |                               | Isohexadecane                                                                                                                                                                               | 5.00  |          |
|       | Olivem® 2090G                 | Polyglyceryl-4 Oleate (and) Polyglyceryl-3 Polyricinoleate                                                                                                                                  | 3.00  | Hallstar |
|       | BLISS Oléoactif®              | Helianthus Annuus (Sunflower) Seed Oil (and) Tilia Cordata Wood Extract (and) Polyglyceryl-3 Diisostearate                                                                                  | 1.00  | Hallstar |
|       | Biochemica® Turmeric Butter   | Butyrospermum Parkii (Shea) Butter, Elaeis Guineensis (Palm) Butter, Cocos Nucifera (Coconut) Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Curcuma Longa (Turmeric) Root Extract, Bisabolol | 3.00  | Hallstar |
|       | Olivem® 900                   | Sorbitan Olivatate                                                                                                                                                                          | 2.00  |          |
|       |                               | Bisabolol                                                                                                                                                                                   | 0.10  |          |
|       | Biochemica® Vitamin E Natural | Tocopherol                                                                                                                                                                                  | 0.20  | Hallstar |
| B     |                               | Magnesium Sulfate                                                                                                                                                                           | 0.80  |          |
|       |                               | Glycerin                                                                                                                                                                                    | 2.00  |          |
|       |                               | 1,3-Butanediol                                                                                                                                                                              | 5.00  |          |
|       |                               | 1,2-Hexanediol                                                                                                                                                                              | 0.50  |          |
|       |                               | Hydroxyacetophenone                                                                                                                                                                         | 0.50  |          |
|       |                               | D.I.Water                                                                                                                                                                                   | 65.40 |          |
|       | Eurol® BT                     | Olea Europaea (Olive) Leaf Extract, Water                                                                                                                                                   | 1.50  | Hallstar |

Procedure

1. Prepare phase A and heat phase A up to 80-85°C.
2. Prepare phase B and heat phase B up to 75-80°C, stirring with anchor pale at 250 rpm.
3. Add very slowly phase A to phase B with anchor pale at 250 rpm, keeping the temperature to 80-85°C.
4. Stir the phase AB under anchor pale for 2 minutes at 250 rpm.
5. Homogenize the phase AB, using a suitable dispersion unit (Silverson) for 2 minutes.

# Hunan Silok Silicone Co.,LTD

## SiCare 2169F2 Silicone PU Film Former

STAND NUMBER

# T30

**CATEGORY:** Silicones, Film formers, styling agents

**INGREDIENT BENEFIT:** Water resistance

**TYPE:** Active ingredient, Decoratives

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

**EMAIL:** [sicare@silok.com](mailto:sicare@silok.com)

Sicare 2169F2 is a silicone polyurethane film former using isododecane as a diluent to form a long-lasting polymeric film on the skin, as a polymer combining the advantages of polyurethane and silicone, it forms very thin, soft films with excellent adhesion while being elastic and adhesive.

It is an excellent film-forming agent, which can significantly improve the durability, water resistance, and fit after use, and has a smooth skin feeling, good affinity with the skin, high ductility, non-sticky, and smooth characteristics.

**CATEGORY:** Active ingredients, Plant extracts

**INGREDIENT BENEFIT:** Brightening, lightening

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.ichimaru.co.jp/english](http://www.ichimaru.co.jp/english)

**EMAIL:** [kotani-hayato@ichimaru.co.jp](mailto:kotani-hayato@ichimaru.co.jp)

JuniperBright is a natural active ingredient from juniper berry. It focuses on a novel mechanism for skin brightening.

- **DUAL ACTION:** Prevents and degrades lipofuscin formation, lipofuscin was recently discovered to be related to skin aging. First natural active ingredient to focus on the effect of lipofuscin on skin brightness, supported with both efficacy and safety test studies.
- An internationally published paper, showing JuniperBright significantly activates proteosome and autophagy to prevent and degrade (respectively) lipofuscin within the cell.
- COSMOS Approved (natural), HALAL friendly, China Complaint, Vegan Friendly, preservative-free, cruelty-free active ingredient for personal care from a traceable source.

CATEGORY: Active ingredients

INGREDIENT BENEFIT: Anti-ageing, anti-wrinkle

TYPE: Active ingredient, Skincare

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

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

Dual mode of action for anti-glycation

- 1. Reduction of skin AGE level
- 2. Skin brightening
- 3. Skin wrinkle reduction

Prevention of advanced glycation endproduct generation by strong anti-oxidant effects.  
Stimulation of pre-formed advanced glycation endproducts by autophagy activation.

CATEGORY: Active ingredients, Plant extracts, Antioxidants

INGREDIENT BENEFITS: Anti-ageing, anti-wrinkle

TYPE: Active ingredient, Skincare

WEBSITE: Ingredi.cn

EMAIL: info@ingredi.cn

Lotus, a symbol of Buddhist culture, boasts a rich history in both cultivation and aesthetics. Its seed is highly valued for its abundant antioxidants, vitamins, and essential fatty acids, making it a favored ingredient in skincare formulations. It nourishes the skin, enhances elasticity, and promotes a radiant complexion. Nucife™, derived from lotus germ, offers significant support for skin wellness by promoting anti-aging effects through increased ATP production and rejuvenated cell activity.

- Boosting ATP Production
- Restore Cell Energy
- Culture Aesthetics

## Nucife™ Essence

| PHASE | INGREDIENT                                   | INCI NAME                                                                              | % W/W | SUPPLIER                            |
|-------|----------------------------------------------|----------------------------------------------------------------------------------------|-------|-------------------------------------|
| A     | Acrylates/c10-30 alkyl acrylate crosspolymer | ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER                                           | 0.2   | Lubrizol                            |
|       | Aloe barbadensis leaf water                  | ALOE BARBADENSIS LEAF WATER                                                            | 85.05 | Ingredi Biotech Co., Ltd            |
|       | EDTA-2Na                                     | DISODIUM EDTA                                                                          | 0.05  | CDLUNION                            |
| B     | Triethanolamine                              | TRIETHANOLAMINE                                                                        | 0.1   | Dow Inc.                            |
|       | Aloe barbadensis leaf water                  | ALOE BARBADENSIS LEAF WATER                                                            | 1.5   | Ingredi Biotech Co., Ltd            |
| C     | Estogel M                                    | Castor oil/IPDIcopolymer                                                               | 0.5   | DKSH                                |
|       | Fermented walnut oil                         | JUGLANS REGIA (WALNUT) SEED OIL, CANDIDA BOMBICOLA/GLUCOSE/ METHYL RAPESEEDATE FERMENT | 5.2   | Ingredi Biotech Co., Ltd            |
|       | Lotusia ™                                    | NELUMBO NUCIFERA GERM EXTRACT, CAPRYLIC/CAPRIC TRIGLYCERIDE                            | 0.25  | Ingredi Biotech Co., Ltd            |
| D     | 1,2-Hexanediol                               | 1,2-HEXANEDIOL                                                                         | 1     | Guangdong Kebisai Chemical Co., Ltd |
|       | Hydroxyacetophenone                          | HYDROXYACETOPHENONE                                                                    | 0.5   | THOR                                |
| E     | Nucife™                                      | NELUMBO NUCIFERA GERM EXTRACT, MALTODEXTRIN                                            | 0.1   | Ingredi Biotech Co., Ltd            |
|       | Aloe barbadensis leaf water                  | ALOE BARBADENSIS LEAF WATER                                                            | 2     | Ingredi Biotech Co., Ltd            |
|       | 1, 3-Propanediol                             | PROPANEDIOL                                                                            | 2     | Shanghai Huing Trade Co., Ltd       |
| F     | Triethanolamine                              | TRIETHANOLAMINE                                                                        | 0.1   | Dow Inc.                            |
|       | Aloe barbadensis leaf water                  | ALOE BARBADENSIS LEAF WATER                                                            | 1.5   | Guangdong Kebisai Chemical Co., Ltd |

### Procedure

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

### Properties

pH = 5.87

**CATEGORY:** Active ingredients, Marine extracts

**INGREDIENT BENEFIT:** Sebum control, mattifying

**TYPE:** Active ingredient, Skincare, Toiletries

**WEBSITE:** <http://innovacos.com>

**EMAIL:** [valeria.quaranta@innovacos.com](mailto:valeria.quaranta@innovacos.com)

Purysea™SD is an active ingredient extracted from the algae Laminaria Saccharina and Digitata, seaweeds growing in the cold, nutrient-rich waters of the North Atlantic Ocean. These algae are natural sources of various minerals like magnesium and zinc. Zinc is known for its anti-inflammatory effect and plays a role in regulating sebum secretion and managing acne symptoms.

Innovacos harnessed the power of these algae to create a sebum-regulating ingredient that reduces the number of acne lesions, and at the same time, helps to relieve dry skin while providing a deep hydration.

- SEAweed extract for skin purification
- Blemish clearing
- Cleansing wave

CATEGORY: Active ingredients, Plant extracts

INGREDIENT BENEFIT: Hair growth, hair density

TYPE: Active ingredient, Haircare

WEBSITE: [www.j2kbio.com](http://www.j2kbio.com)

EMAIL: [care@j2kbio.com](mailto:care@j2kbio.com)

Metamo PRO is an active ingredient for hair growth promotion, which is extracted by Plantago Asiatica.

Metamo PRO can help strengthen the scalp and promote hair growth.

Metamo PRO increases in mRNA expression of various growth factors such as FGF, HGF, and VEGF in Hair Dermal Papilla(HDP) cells and hair matrix cells.

As a clinical test result, it was confirmed that it has an effect on hair loss during shampooing decreased by 78.80% after 12 weeks of use, and hair thickness increased by 25.21% after 12 weeks of use.

Hair growth / Hair fall reduction / Clinically Proven

**CATEGORY:** Active ingredients, Plant extracts

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Active ingredient, Skincare, Haircare

**WEBSITE:** [www.expanscience-ingredients.com/en](http://www.expanscience-ingredients.com/en)

**EMAIL:** [lilienard@expanscience.com](mailto:lilienard@expanscience.com)

GAÏALINE®, a regenerative active ingredient from soil to skin&hair!

- Local sourcing: GAÏALINE® is extracted from French flax, grown only 32 km from our factory!
- Alternative agriculture: the flax comes from regenerative and certified Conservation Agriculture.
- Green process: GAÏALINE® is obtained by molecular distillation.
- Unique composition: liposoluble, GAÏALINE® is enriched with rare unsaponifiables such as  $\gamma$ -7-stigmasterol
- Boosts innovative key-markers: Collagen 17, Keratin 10&14, Ceramides...
- Dual efficacy: GAÏALINE® regenerates skin for a smoother and unified look AND repairs, strengthens & protects hair from daily damages.

Naturally, GAÏALINE® owes its name to Gaïa, goddess of the Earth.

# Lipoid Kosmetik AG

BakuLipid®

CATEGORY: Active ingredients

INGREDIENT BENEFITS: Anti-ageing, anti-wrinkle

TYPE: Active ingredient, Skincare

WEBSITE: [www.lipoid-kosmetik.com](http://www.lipoid-kosmetik.com)

EMAIL: [info@lipoid-kosmetik.com](mailto:info@lipoid-kosmetik.com)

BakuLipid® is a plant-derived alternative to retinol with equivalent beauty benefits for clear and youthful skin. It is a blend of bakuchiol obtained from seeds of Psoralea corylifolia and unsaturated phospholipids for skin penetration enhancement. This natural active ingredient is COSMOS- and NATRUE-approved and offers the following substantiated user benefits:

- Skin-friendly, plant-based retinol alternative
- Superior dermal penetration
- Reduced signs of blemished skin
- Improvement of age-related skin parameters

## Ageless Beauty Dry Oil

| PHASE | INGREDIENT            | INCI NAME                                                                                              | % W/W | SUPPLIER                |
|-------|-----------------------|--------------------------------------------------------------------------------------------------------|-------|-------------------------|
| A     | Cetiol® OE            | Dicaprylyl Glycol                                                                                      | 25.00 | BASF                    |
|       | Cetiol® C5            | Coco-Caprylate                                                                                         | 25.00 | BASF                    |
|       | dermofeel® sensolv    | Isoamyl Laurate                                                                                        | 15.00 | Evonik Nutrition & Care |
|       | EMotion® Air          | Ethylhexyl Pelargonate                                                                                 | 14.70 | ROELMI HPC              |
|       | Cetiol® CC            | Dicaprylyl Carbonate                                                                                   | 10.00 | BASF                    |
| B     | Meadowfoam Seed Oil   | Limnanthes Alba (Meadowfoam) Seed Oil                                                                  | 5.00  |                         |
|       | Abyssian Oil, refined | Crambe Abyssinica (Abyssinian) Seed Oil                                                                | 3.00  |                         |
| C     | BakuLipid®            | Caprylic/Capric Triglyceride, Bakuchiol, Lecithin, Tocopherol                                          | 2.00  | Lipoid Kosmetik         |
| D     | Natural Elegance      | Parum (Fragrance), Hexyl Cinnamal, Linalool, Benzyl Salicylate, Hydroxycitronellal, Coumarin, Limonene | 0.30  |                         |

### Procedure

Mix the ingredients of all phases in the given order.

### Properties

Appearance = colorless to light yellowish oily liquid  
Stability = stable for 3 months (5 °C, 25 °C and 40 °C)  
pH value = n.a.

**CATEGORY:** Active ingredients, Marine extracts

**INGREDIENT BENEFIT:** Anti-stretch marks

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [lipotrue.com](https://lipotrue.com)

**EMAIL:** [aesplugas@lipotrue.com](mailto:aesplugas@lipotrue.com)

Deepstrine™ is a marine ferment from a microorganism found in the deep cold waters of the North Atlantic Ocean. It restores dermal structural integrity and dermo-epidermal cohesion while reducing inflammation. It smooths and fades stretch marks, and enhances hydration

Deepstrine™ lovingly takes care of the stretch marks, just as Kintsugi repairs cracks, offering a deep repair and restoring the skin's natural resilience and beauty

- Restores skin resilience and integrity
- Fortifies collagen and elastic fibers and enhances resistance
- Fades stretch marks reducing the number, perimeter and volume (area measurement), decreasing roughness and redness (inflammation) and moisturizing

**CATEGORY:** Active ingredients, Antioxidants, Plant extracts

**INGREDIENT BENEFIT:** Brightening, lightening

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [lipotrue.com](https://lipotrue.com)

**EMAIL:** [imarcos@lipotrue.com](mailto:imarcos@lipotrue.com)

Lightmony™ is an active ingredient obtained from the pomegranate and lemon fruit. Lightmony™ not only reduces the synthesis and amount of total melanin it also balances melanin ratio decreasing pheomelanin, a photosensitizing and pro-oxidant type of melanin, achieving the healthy glow look, a more respectful light that embodies the coveted glass skin look.

Lightmony™ enhances the skin's healthy and respectful glow with a gentle exfoliation, reducing dark spots, reaching an evenness in skin tone, and reducing wrinkles. This botanical ingredient provides a holistic approach to combat premature photoaging and have a healthy glow look.

# Lubrizon

## Zenerity™ biotech ingredient

STAND NUMBER

# M10

**CATEGORY:** Active ingredients, Bio-fermentation ingredients

**INGREDIENT BENEFIT:** Soothing, anti-inflammatory

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [samuel.tung@lubrizon.com](mailto:samuel.tung@lubrizon.com)

Hydrobiome-derived ingredient from a microorganism isolated from thermal springs in Italy. Enriched with nourishing minerals, Zenerity™ biotech ingredient helps alleviate sensitive skin, including when exacerbated by an unhealthy diet, to improve skin health and youthful appearance. Suitable for skin care formulations targeting sensitive skin consumers who are looking for added benefits like improvements to skin tone and wrinkle appearance.

- Able to mitigate metabolic stress signaling, reducing release of pro-inflammatory mediators and limit accumulation of cellular garbage
- Counteracts contribution of an unhealthy diet to the development of sensitive skin conditions
- Mirrors the benefits of a healthy anti-inflammatory diet

# Lucas Meyer cosmetics by Clariant

## Corneopeptyl™

STAND NUMBER

# J40

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.lucasmeyercosmetics.com/en/showroom](http://www.lucasmeyercosmetics.com/en/showroom)

**EMAIL:** [maybelline.tan@lucasmeyercosmetics.com](mailto:maybelline.tan@lucasmeyercosmetics.com)

Corneopeptyl™ is a new patented biomimetic peptide empowering the natural skin barrier function. By mimicking the LCE6A protein activity, it strengthens the corneocyte envelope enhancing the epidermal barrier by decreasing permeability, water loss and inflammation in 7 days. Rebuilding skin barrier consequently future-proofs the skin by reducing the appearance of wrinkles (14 days), improving skin tonicity, smoothness and hydration. Supported by 9 clinical studies and tested once a day on an inclusive panel with sensitive skin. Optimized peptide synthesis with green chemistry principles. AI-proven rejuvenating effect of up to 4 years younger. Corneopeptyl™: China-compliant, preservative-free, NOC: 99.99% (ISO 16128), vegan-certified.

# Lucas Meyer cosmetics by Clariant

## CycloRetin™

STAND NUMBER

# J40

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [maybelline.tan@lucasmeyercosmetics.com](mailto:maybelline.tan@lucasmeyercosmetics.com)

CycloRetin™ is a new natural alternative to retinol. Responsibly sourced in China from an adaptogenic plant, the Prince Ginseng, it contains heterophyllin B, a groundbreaking cyclic peptide that offers strong performance to gently alleviate the signs of aging in a short time frame.

- As efficient as retinol to reduce wrinkles, and outperforms bakuchiol on skin sagging
- Improves collagen production and skin matrix architecture
- Cosmos approved, easy to formulate and efficient at 0.3%, it can be used worldwide in formulas designed for both day and night.

**CATEGORY:** Active ingredients, Marine extracts

**INGREDIENT BENEFIT:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

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

- OpenSee Phycoskin® is an active ingredient 4 in 1 for the eye contour beauty. It is a natural alternative to vitamin k-1 oxide.
- 360° eye contour effect: droopy eyelid lifting effect (\_8%); crow's feet smoothing: wrinkles (\_35% length and \_44% depth); reduction of bags under the eyes (\_11%) and attenuation of dark circles (\_22%) (3 clinical tests).
- Flash effect in 40 minutes: it increases moisture by 15% and elasticity by 20%.

# NEOrli biomaterial INC.

## BotaFill BF-3

**CATEGORY:** Active ingredients, Plant extracts, Enzymes

**INGREDIENT BENEFITS:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

**WEBSITE:** neo-edl.com

**EMAIL:** joey.lee@neo-edl.com

### BotaFill BF-3 Anti Wrinkles in Just 3 Minutes

- BotaFill BF-3 is an innovative skincare product that can instantly anti-wrinkles in just 3 minutes and provide long-lasting effects through natural ingredients.
- BotaFill BF-3 combines natural plant extracts with the effects of both Botox and dermal filler. It helps relax underlying muscles while effectively filling in wrinkles.
- BotaFill BF-3 offers visible improvements in just 3 minutes, and with continued use, it further enhances skin texture and tightens the complexion. This product not only reduces wrinkles instantly but also provides long-term benefits for aging skin.

See you at our booth, W105.

## BotaFill BF-3 Anti-Aging Serum

| PHASE | INGREDIENT                  | INCI NAME                                                                                       | % W/W | SUPPLIER |
|-------|-----------------------------|-------------------------------------------------------------------------------------------------|-------|----------|
| A     | Water                       | Water                                                                                           | 64.0% | -        |
|       | BotaFill BF-3               | Water, Ficus Pumila Seed Extract, Spilanthes Acmella Flower Extract, Erythritol, 1,2-Hexanediol | 10.0% | NEOrli   |
|       | Microcare Antioxidant HAP   | Hydroxyacetophenone                                                                             | 0.5%  | Thor     |
|       | Hydrolite 6 O               | 1,2-Hexanediol                                                                                  | 0.5%  | Symrise  |
| B     | STR Gum-Silky Tuberose (2%) | Sclerotium Gum, Polianthes Tuberosa Polysaccharide                                              | 25.0% | NEOrli   |

### Procedure

1. Mix A well, then heat to 55°C~75°C, until transparent.
2. Add B into A and mix well to form to serum.

STAND NUMBER

W105

# Nikko Chemicals

## NIKKOL ZINC-GLYCINE COMPLEX

**CATEGORY:** Antioxidants, Vitamins, minerals

**INGREDIENT BENEFITS:** Anti-dandruff

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [chemi-navi.nikkolgroup.com/en/personal-care/11019](https://chemi-navi.nikkolgroup.com/en/personal-care/11019)

**EMAIL:** [hsuzuki@nikkolgroup.com](mailto:hsuzuki@nikkolgroup.com)

Zinc is present, on average, at 2 grams in the human body, yet it is highly ubiquitous in various cells. As it regulates more than 2700 enzymatic processes, it is a crucial player in various cell signaling pathways.

NIKKOL ZINC-GLYCINE COMPLEX is designed as water-soluble zinc and effectively delivers zinc into the keratinocytes. Effective transportation of zinc into the cells shows 2 skinified approaches to address scalp issues - dandruff and scalp inflammation.

1. The induction of a strong antioxidant response against external stressors (UVB, SLS and air pollutants).
2. Upregulates genes related to skin barrier homeostasis.

## NIKKOL ZINC-GLYCINE COMPLEX

| PHASE | INGREDIENT                  | INCI NAME         | % W/W      | SUPPLIER        |
|-------|-----------------------------|-------------------|------------|-----------------|
| A     |                             | Water             | to.100.000 |                 |
|       |                             | Glycerin          | 10.000     |                 |
|       |                             | Phenoxyethanol    | 0.400      |                 |
|       |                             | Disodium EDTA     | 0.050      |                 |
| B     | NIKKOL ZINC-GLYCINE COMPLEX | please inquire us | 1.000      | NIKKO CHEMICALS |
|       |                             | Citric Acid       | 0.300      |                 |
|       |                             | Sodium Citrate    | 1.000      |                 |
|       |                             | Water             | 10.000     |                 |
| C     | ※Fragrance                  |                   | p.q.       |                 |
|       | ※Solubilizer                |                   | p.q.       | NIKKO CHEMICALS |
|       |                             | Propanediol       | 5.000      |                 |

### Procedure

1. Stir A, B and C separately until uniform at room temperature.
2. Add B into A and mix until uniform.
3. Add C into A+B and mix until uniform.

### Properties

pH (bulk) = 7.6 ~ 7.8

STAND NUMBER

P10

# NORMACTIVE

SMARTEEN™

CATEGORY: Active ingredients

INGREDIENT BENEFITS: Reduces dark circles / puffiness

TYPE: Active ingredient, Skincare

WEBSITE: [www.normactive.com](http://www.normactive.com)

EMAIL: [caglar.kayali@normactive.com](mailto:caglar.kayali@normactive.com)

SMARTEEN™, a multifunctional natural active ingredient, is artfully crafted to shape a vision of timeless beauty.

This natural active ingredient focuses on reducing eye bags by enhancing microcirculation, diminishes dark circles and brown spots through its anti-tyrosinase effect, and smooths wrinkles and crow’s feet by boosting collagen type I production.

Additionally, it effectively reduces redness and inflammation, providing instant efficacy through the modulation of IL-6 levels.

## SMARTEEN™

| PHASE | INGREDIENT                               | INCI NAME                                           | % W/W | SUPPLIER        |
|-------|------------------------------------------|-----------------------------------------------------|-------|-----------------|
| A     | Deionized Water                          | Water                                               | 73.37 | BefChem         |
|       | EDTA                                     | EDTA                                                | 0.08  | Befchem         |
|       | Flocare™ SK 403                          | Ammonium Acryloyldimethyltaurate/VP Copolymer       | 0.35  | SNF SAS         |
|       | DJ XG                                    | Xylitylglucoside (and) Anhydroxylitol (and) Xylitol | 3     | BefChem         |
|       | Cosroma® HA-120W                         | Sodium Hyaluronate                                  | 0.5   | COSROMA®        |
| B     | Glyceryl Stearate                        | Glyceryl Stearate                                   | 4     | BefChem         |
|       | Cosroma® RH06                            | Sodium Stearoyl Glutamate                           | 0.5   | COSROMA®        |
|       | Cetearyl Alcohol 50:50                   | Cetearyl Alcohol                                    | 3     | BefChem         |
|       | Pomegranate Seed Oil - SC-CO2 Extraction | Punica Granatum Seed Oil                            | 1     | NORMACTIVE      |
|       | Grape Seed Oil - SC-CO2 Extraction       | Vitis Vinifera (Grape) Seed Oil                     | 1     | NORMACTIVE      |
|       | Cetiol® LC                               | Coco-Caprylate/Caprates                             | 4     | BASF            |
|       | Vitamin E                                | Tocopheryl Acetate                                  | 0.2   | BefChem         |
|       | Eutanol® G                               | Octyldodecanol                                      | 3     | BASF            |
| C     | Pentylene Glycol                         | Pentylene Glycol                                    | 4     | BefChem         |
|       | SMARTEEN™                                | Neoruscogenin (and) Ruscogenin                      | 0.5   | NORMACTIVE      |
| D     | Vercatech Phenexio                       | Phenethyl Alcohol (and) 1,2-Hexanediol              | 1.5   | Jover Scientech |

### Procedure

1. Phase A is mixed within itself and heated to 70-80 degrees.
2. Phase B is mixed within itself and heated to 70-80 degrees.
3. While the two phases are at the same temperature, phase B is added to phase A under the mixer.
4. Phase C is mixed in a separate place at 50 degrees until it is completely dissolved and added to phases A and B.
5. When the temperature drops below 40 degrees, the raw materials in phase D are added sequentially.

### Properties

pH = 6.5-7.00  
Appearance = White Viscose Cream  
Stability = 1M at RT, 45°C, 4°C

STAND NUMBER  
**X51**

# Oat Cosmetics

## Rejuvaveen

**CATEGORY:** Active ingredients

**INGREDIENT BENEFITS:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [rd@oat.co.uk](mailto:rd@oat.co.uk)

Rejuvaveen is an oat beta-glucan active, enriched with hydrating starches, lipids, and anti-inflammatory tryptophan. The holistic skincare ingredient protects against stress-induced damage while enhancing brightness and evening skin tone. Clinically proven to delay early signs of ageing, Rejuvaveen supports cell renewal, smooths texture and promotes a healthier, more radiant complexion.

- Clinically proven for skin rejuvenation
- Highly concentrated in oat beta-glucan
- 100% natural and zero-waste product

Combining both cellular protection and visible rejuvenation, Rejuvaveen is a multi-functional ingredient that enhances skin wellness and longevity for a youthful, glowing appearance.

## Hydrating Face Gel

| PHASE | INGREDIENT             | INCI NAME                                     | % W/W | SUPPLIER   |
|-------|------------------------|-----------------------------------------------|-------|------------|
| A     | Purified Water BP      | Aqua                                          | 93.15 | N.A        |
|       | Verstatil BOB          | Benzoic Acid, Benzyl Alcohol, Caprylyl Glycol | 1.2   | Nouryon    |
|       | Rejuvaveen             | Avena sativa (Oat) Bran Extract               | 1     | Evonik     |
|       | Dermofeel PA-3 ECO/COS | Aqua, Sodium Phytate                          | 0.1   | Nouryon    |
| B     | Lecigel                | Sodium Acrylates Copolymer, Lecithin          | 1.55  | BASF       |
| C     | Surfac MCTG            | Sodium Acrylates Copolymer, Lecithin          | 3     | Gattefosse |

### Procedure

1. Into a suitable vessel, discharge the Purified 1. Water BP (A).
2. Add Versatil BOB (A), Rejuvaveen (A) and Dermofeel PA-3 ECO/COS (A) into the main vessel while stirring.
3. Sprinkle Lecigel (B) onto the surface and stir with a propeller until the product is thick and homogenous.
4. Add Surfac MCTG (C) with maximum stirring 1200rpm for 10 minutes to emulsify.
5. Adjust the pH within a range of 5.00-6.00.

### Properties

Formulate up to 45°C  
within a pH range between 5.00 to 8.00

STAND NUMBER  
**R30**

**CATEGORY:** Active ingredients, Antioxidants

**INGREDIENT BENEFIT:** Hair / heat / colour protection

**TYPE:** Active ingredient, Haircare

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

**EMAIL:** [s.bouhrir@weareprovital.com](mailto:s.bouhrir@weareprovital.com)

Keradeep is an ingredient derived from pine bark extract, 100% natural origin (ISO16128), and certified by COSMOS, Halal, and vegan standards. Studies have shown that Keradeep acts at the molecular level, protecting cuticle and cortex proteins from oxidative stress, preventing the formation of carbonyl groups and oxidized cysteine species, safeguarding the structural integrity of keratin and preventing future hair damage. Keradeep provides you with strong, healthy, and protected hair.

# PROVITAL

## SHILOXOME™, an ecosystem for a multi-ome skin protection

STAND NUMBER

# T50

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Active ingredient, Skincare, Suncare

**WEBSITE:** [www.weareprovital.com/en/careactives/shiloxome](http://www.weareprovital.com/en/careactives/shiloxome)

**EMAIL:** [c.vigo@weareprovital.com](mailto:c.vigo@weareprovital.com)

Shiloxome™ is the first ecosystem ingredient that Provital is presenting to the world. It is the result of the isolation of an endophytic yeast from the inside of the bark of the cork oak. A barrier-strengthening active that, thanks to its first-of-its-kind symbiotic provenance, provides the skin with a self-restructuring capacity.

Its multi-omic efficacy demonstrates how Shiloxome™ visibly combats aging signs:

- Exposomic research to prove ROS prevention and microbiome barrier maintainance.
- Innovative in vivo lipidomic analysis to evidence its reinforcement on the whole lipidome profile.
- Transcriptomic study to explain the stimulation of crucial cellular aging processes.

**CATEGORY:** Active ingredients, Plant extracts

**INGREDIENT BENEFIT:** Brightening, lightening

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.illumiscin-glow.swiss](http://www.illumiscin-glow.swiss)

**EMAIL:** [barbara.obermayer@rahn-group.com](mailto:barbara.obermayer@rahn-group.com)

Discover the secret of superior skin luminosity for all skin types

ILLUMISCIN®-GLOW provides a bright and even skin complexion for global consumers, regardless of ethnicity or gender. Hordatines, obtained from upcycled brewers' barley sprouts, identified by AI as brand new inhibitors of tyrosinase. ILLUMISCIN®-GLOW significantly reduces skin tanning, the intensity of sun spots and melasma. It acts as an anti-inflammatory and makes the skin brighter, more radiant and luminous.

ILLUMISCIN®-GLOW uniquenesses:

- General suitability and efficacy for all skin types
- Contains a novel tyrosinases inhibitor, hordatines, identified by AI
- Upcycled product from barley, used in a local malthouse

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Scalp care

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [www.myramaze-pure.swiss](http://www.myramaze-pure.swiss)

**EMAIL:** [Chiara.deglinnocenti@rahn-group.com](mailto:Chiara.deglinnocenti@rahn-group.com)

### Discover the secret of scalp revival

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

### MYRAMAZE®-PURE uniqueness:

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

# Roka Furadada

## ROKA Smart UV® PvB 360

STAND NUMBER  
**A66**

**CATEGORY:** Active ingredients, UV filters, SPF boosters

**INGREDIENT BENEFIT:** UV protection

**TYPE:** Active ingredient, Skincare, Suncare

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

**EMAIL:** [mcarmona@rokafuradada.com](mailto:mcarmona@rokafuradada.com)

As a natural, skin-friendly surfactant, it gently cleanses hair and deposits emollients that improve smoothness, manageability, and shine.

**CATEGORY:** Conditioning agents

**INGREDIENT BENEFIT:** Hair conditioning, frizz control

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [www.seiwakasei.jp/en](http://www.seiwakasei.jp/en)

**EMAIL:** [sales@seiwakasei.co.jp](mailto:sales@seiwakasei.co.jp)

Promois WR-CAQ is a novel hair conditioning ingredient made from rice protein.

It has a unique structure composed of three parts; 1) hydrolyzed rice protein which is proved to make hair surface smooth and called “Botanical Silk”, 2) a cationic moiety and 3) higher alky chain that makes hair surface hydrophobic.

Promois WR-CAQ can adsorb to hair by associative hydrogen bond between peptide bonds of rice protein and hair protein.

- Made from hydrolyzed rice protein which is biodegradable source
- A unique adsorption mechanism to damaged hair surface
- Excellent repairing efficacy to damaged frizzy hair and making hair good manageable condition.

# Shanghai Coachchem Technology Co. , Ltd.

## Anallerg® -- VB-IP

CATEGORY: Active ingredients

INGREDIENT BENEFITS: Improve skin barrier function

TYPE: Active ingredient, Skincare

WEBSITE: [www.coachchem.com](http://www.coachchem.com)

EMAIL: [zhangdie@coachchem.com](mailto:zhangdie@coachchem.com)

Anallerg®--VB-IP: Unleash Vitamin B6’s Potential; New Heights in Anti-Acne, Oil-Control, and Moisturizing. Vitamin B6\_Pyridoxine\_ has antioxidant, anti-inflammatory, and oil-control benefits, but its water solubility limits absorption and utilization.

Anallerg®-VB-IP\_Pyridoxine tris-hexyldecanoate\_, serves as an oil-soluble vitamin B6 derivative that retains the positive effects of vitamin B6 and is more powerful.

1. VB-IP exhibits higher bioavailability, better stability.
2. VB-IP increases Filaggrin(FLG) and Loricrin(LOR) in 3D Epidermis.
3. VB-IP inhibits 5-\_ reductase.
4. Clinical Trials:30 participants using VB-IP serum showed significant improvement in acne, oil content, transepidermal water loss, and skin redness.

## VB-IP Oil Control Repair Essence

| PHASE | INGREDIENT         | INCI NAME                                                                                                    | % W/W | SUPPLIER         |
|-------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|------------------|
| A     | Water              | Water                                                                                                        | 84.9  |                  |
|       | EMT-10             | Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Polysorbate-60, Sorbitan isostearate, Water | 1     | SEPPIC           |
|       | Allantoin          | Allantoin                                                                                                    | 0.1   | DSM              |
|       | Glycerin           | Glycerin                                                                                                     | 3     | Crada            |
|       | 1,2-Butanediol     | 1,2-Butanediol                                                                                               | 4     | Merck            |
|       | D-Panthenol        | D-Panthenol                                                                                                  | 0.5   | DSM              |
|       | HA-TP              | Sodium Hyaluronate                                                                                           | 0.05  | BLOOMAGE BIOTECH |
| B     | Lexemul 561MB      | Glyceryl Stearate, PEG-100 stearate                                                                          | 0.5   | INOLEX           |
|       | Eumulgin SG        | Sodium Stearoyl Glutamate                                                                                    | 0.2   | BASF             |
|       | Squalane           | Squalane                                                                                                     | 0.5   | NIKKOL           |
|       | Tocopheryl Acetate | Tocopheryl Acetate                                                                                           | 0.25  | DSM              |
|       | RADIA 7220         | Cocoyl Caprylate Caprate                                                                                     | 1     | Oleon            |
|       | PMX-200/10CS       | Dimethicone                                                                                                  | 1     | Dow              |
| C     | PHL                | 1,2-Hexanediol,caprylhydroxamic acid,propanediol                                                             | 1     | INOLEX           |
|       | Anallerg®-- VB-IP  | Pyridoxine tris-hexyldecanoate                                                                               | 2     | COACHCHEM        |

### Procedure

1. Mix the raw materials of phase A evenly and heat at 80°C until completely dissolved.
2. Heat the raw materials of phase B at 80°C until completely dissolved.
3. Homogenize the heated phase A for 3 minutes and then add phase B and homogenize for 5 minutes.
4. Continue to cool to 45°C and add the raw materials of phase C, stir evenly, and discharge the materials after inspection.

### Properties

Stability = Subjected to 4 cycles of hot and cold testing, with exposure to 48°C for one month and -18°C for one month.  
pH = 6.5-6.8  
Appearance = Milky white liquid with an essence-like texture  
Fragrance = Fragrance-free (no added scent)

STAND NUMBER  
**S50A**

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

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

Supported by a strong science-backed expertise based on proteomics, epigenetics and exosome investigations, SILAB proposes a patented natural anti-aging active ingredient: COMMUSYS®, acting on intercellular communication.

- By regulating the molecular players involved in communication from the dermis to the epidermis, it reactivates epidermal biological functions for hydrating, smoothing and radiance-boosting effects.
- Purified in biopeptides, COMMUSYS® is obtained from biotechnology by cultivating Pichia stipitis in SILAB's plant. This yeast comes from a collection, which ensures its traceability and sustainability.
- Tested on volunteers aged 55+, COMMUSYS® is dedicated to all skins craving longevity enhancement for unprecedented radiance complexion improvement.

**CATEGORY:** Active ingredients, Bio-fermentation ingredients

**INGREDIENT BENEFIT:** Soothing, anti-inflammatory

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [contact.cosmetics@solabia.com](mailto:contact.cosmetics@solabia.com)

Serenibiome® is a 100% natural, COSMOS-approved, and double-patented active ingredient designed for sensitive, atopy-prone skin. Inspired by the plant holobiont concept, it is obtained through the biofermentation of *Pseudozyma flocculosa*, an extraordinary epiphytic fungus maintaining a healthy ecological niche by releasing a powerful glycolipid: flocculosin.

Inspired by nature and adapted for skin health, Serenibiome® bioselectively inhibits the colonization of *Staphylococcus aureus*, preserves *Staphylococcus epidermidis* population, and tackles the itch-scratch vicious cycle in sensitive, atopy-prone skin.

In summary:

- Holobiont bio-inspiration by *Pseudozyma flocculosa*
- Unrivalled bioselective activity against *Staphylococcus aureus*
- Clinically proven to improve the condition of compromised skin

# Special Chemicals SL

## SCH ShellCare® SCALP

STAND NUMBER

# S89

**CATEGORY:** Active ingredients, Microspheres, delivery systems, Plant extracts

**INGREDIENT BENEFIT:** Hair growth, hair density

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [special-chemicals.es](https://special-chemicals.es)

**EMAIL:** [marti.sarrate@special-chemicals.es](mailto:marti.sarrate@special-chemicals.es)

SCH ShellCare® SCALP is an innovative encapsulated cosmetic active that provides a complete therapy for scalp care.

With turmeric, pomegranate, and pumpkin seed extracts, very low molecular weight hyaluronic acid, and carefully selected peptides, SCH ShellCare® SCALP offers:

- Hydration
- Reduces hair loss
- Improves elasticity
- Effectively controls scalp sebum

This advanced formula represents a comprehensive solution for maintaining a balanced scalp and promoting scalp care.

# Specialty Natural Products Public Company Limited

## B-Gold

STAND NUMBER

# X30

**CATEGORY:** Active ingredients, Antioxidants, Plant extracts

**INGREDIENT BENEFIT:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

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

**EMAIL:** [parameet@snpthai.com](mailto:parameet@snpthai.com)

Natural Retinol Alternative: B Gold, derived from black galingale in Thailand, mimics the effects of retinol with a gentle, water-soluble, 100% natural formula that reduces wrinkles and promotes youthful skin.

Supports Skin Health: B Gold enhances collagen production, offers strong antioxidant protection, and helps defend against environmental damage and oxidative stress, key factors in preventing premature aging.

Sustainable and Ethical: Ethically sourced from Thailand, B Gold supports sustainable agriculture and local communities, ensuring environmentally friendly production that benefits both the planet and the farmers involved.

# TEN Co.,Ltd

## WRINKLEZERO

|                      |                                                                         |
|----------------------|-------------------------------------------------------------------------|
| CATEGORY:            | Active ingredients, Anti-microbial agents, Antioxidants, Plant extracts |
| INGREDIENT BENEFITS: | Anti-ageing, anti-wrinkle                                               |
| TYPE:                | Active ingredient, Skincare                                             |
| WEBSITE:             | www.ten-korea.com                                                       |
| EMAIL:               | order@ten-korea.com                                                     |

Wrinklezero removes damaged mitochondria by accelerating the autophagy mechanism, which then reproduces healthy mitochondria; hence, it restores mitochondrial functions and reinforces cell vitality to prevent wrinkles. It can inhibit cellular aging caused by oxidative stress. We used  $\alpha$ -galactosidase, which is a well-known biomarker for senescent cells, and proved Wrinklezero inhibits the activity of  $\alpha$ -galactosidase therefore, it inhibits senescent cells significantly. It boosts lifting and firming effects by decreasing MMP synthesis and increasing collagen synthesis. It effectively inhibits the MMP1 and MMP3 synthesis. hence, it prevents the breakdown of collagen and elastin and increases the Type I collagen synthesis.

## WRINKLEZERO

| PHASE | INGREDIENT             | INCI NAME                                        | % W/W | SUPPLIER                  |
|-------|------------------------|--------------------------------------------------|-------|---------------------------|
| A     | Aqua                   | Aqua                                             | 13    | TEN Co., Ltd.             |
| B     | Blueberry Fruit        | Vaccinium Angustifolium(Blueberry) Fruit Extract | 2     | TEN Co., Ltd.             |
| C     | Broccoli               | Brassica Oleracea Italica(Broccoli) Extract      | 1     | TEN Co., Ltd.             |
| D     | Artichoke              | Cynara Scolymus (Artichoke) Leaf Extract         | 0.5   | TEN Co., Ltd.             |
| E     | Pentylene Glycol       | Pentylene Glycol                                 | 50    | IN2BIO CO., LTD.          |
| F     | Propanediol            | Propanediol                                      | 20    | KUMKANG TRADING CO., LTD. |
| G     | Polyglyceryl-4 Caprate | Polyglyceryl-4 Caprate                           | 13.5  | Goodmindkorea             |

### Procedure

1. Weighing - Raw material and Extraction solvent
2. Extraction (80°C, 3hr)
3. Removal of raw material (200 mesh)
4. Agitation
5. Decolorization
6. 1st Filtration (0.45um, Polypropylene)
7. 2nd Filtration (0.2um, Polyethersulfone)
8. Solvent evaporation
9. Adding Aqua, Pentylene Glycol, Propanediol - (Solvent)
10. Adding Polyglyceryl-4 Caprate - (Surfactant)
11. 3nd Filtration (1um, Polypropylene to 0.1um, Polypropylene)
12. Q.C TEST
13. Packing

### Properties

Appearance = Transparent liquid  
Color = Light yellow to dark yellow  
Oder = Characteristics  
pH (25°C) = 4.00 ~ 7.00  
Relative density at 25°C = 1.000 ~ 1.050

STAND NUMBER  
**N60**

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Hair strength / repair, anti-split ends

**TYPE:** Active ingredient, Haircare

**WEBSITE:** [tri-k.com](http://tri-k.com)

**EMAIL:** [info@tri-k.com](mailto:info@tri-k.com)

EverBond™ is a natural bonding technology that repairs, strengthens and protects damaged hair. It penetrates the hair cortex, effectively bonding with keratin sites to restore structure and strength to the hair strands. EverBond™ offers a range of benefits, including the repair of disulfide bonds, protection against heat styling and strengthening hair strands to reduce breakage. Benefits are seen instantly after one application, and there is no unwanted build-up after multiple uses. EverBond™ can be used in a variety of hair care applications including pre-shampoo masks, shampoos, conditioner, and leave-on treatments.

**CATEGORY:** Active ingredients, Preservatives, preservative boosters, Anti-microbial agents

**INGREDIENT BENEFIT:** Blemish clearing

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [tri-k.com](https://tri-k.com)

**EMAIL:** [info@tri-k.com](mailto:info@tri-k.com)

Go beyond: Support your preservative system and care for your skin with a multifunctional that is gentle on the skin microbiome. TRlcare™ CG is solvent-free, thanks to a patented green chemistry process that achieves a 100% atom conversion and utilizes a biodegradable catalyst.

- safe for the skin microbiome
- patented green chemistry
- a solvent-free ingredient with highest purity

|                      |                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------|
| CATEGORY:            | Active ingredients, Chemical exfoliants, AHA/BHA/acids, Anti-microbial agents, Preservatives, preservative boosters |
| INGREDIENT BENEFITS: | Sebum control, mattifying                                                                                           |
| TYPE:                | Active ingredient, Skincare                                                                                         |
| WEBSITE:             | tribeaute.com                                                                                                       |
| EMAIL:               | yuki.kinoshita@tribeaute.com                                                                                        |

AzePore is marvelous solution to solve the pore problems multi-directionally such as blackhead, sebum and acne...etc. This ingredient is a special blend(cocktails) of the synthetic fatty acids for AZELAIC Acid-alternative concept.

- AzePore can bring beneficial efficacy to your formulation as follows
1. Directly melt blackhead, comedo and tight-up the opened pore.
  2. Prevent proliferation of the Acne or the other bacteria on the skin surface and internal pore.
  3. AzePore can enhance other active components and anti-bacterial formulation efficacy.

Additionally, it works for hair-pore and anti-grey hair, these characters will be also attractive as additional values.

## AzePore™ Blackhead eliminator gel

| PHASE | INGREDIENT          | INCI NAME               | % W/W | SUPPLIER  |
|-------|---------------------|-------------------------|-------|-----------|
| A     | Water               | Water                   | 84.07 |           |
|       | Butylene Glycol     | Butylene Glycol         | 5     |           |
|       | Glycerin            | Glycerin                | 4     |           |
|       | Pentylene Glycol    | Pentylene Glycol        | 3     |           |
| B     | AzePore             | 10-hydroxydecanoic Acid | 3     | TriBeaute |
|       |                     | 1,10-Decandiol          |       |           |
|       |                     | Butylene Glycol         |       |           |
|       |                     | Sebasic Acid            |       |           |
| C     | Carbopol 980        | Carbomer                | 0.7   | Lubrizol  |
|       | Algin               | Algin                   | 0.22  |           |
|       | Potassium Hydroxide | Potassium Hydroxide     | 0.01  |           |

### Procedure

1. When AzePore solve in Potassium Hydroxide and water pH11-12.5 will be better.
2. Alkaline solution and Btylene glycol should be mixed well in the preparation

CATEGORY: Active ingredients, Bio-fermentation ingredients, Antioxidants

INGREDIENT BENEFIT: Soothing, anti-inflammatory

TYPE: Active ingredient, Skincare

WEBSITE: [tribeaute.com](https://tribeaute.com)

EMAIL: [yuki.kinoshita@tribeaute.com](mailto:yuki.kinoshita@tribeaute.com)

1. New Source from Japanese hot spa, On-Sen, specific extreme microbiota.
2. New Morphological Mechanism of Induction of Primary Cellular Cilium and Filamentous Mitochondria to rejuvenate dermal fibroblast.  
And it will show efficacy on skin regeneration and keep skin health, not only face but also scalp. This mechanism can mention as Cell-Esteem to Support Self-Esteem.
3. Ecological, Sustainable Production method by bio fermentation locally in Japan.

Skincare Facial, body  
Active ingredients, Bio fermentation  
Anti Aging

# TS-BIOTECH

SupremeHyal™ Renew

**CATEGORY:** Active ingredients, Bio-fermentation ingredients, Humectants

**INGREDIENT BENEFITS:** Anti-ageing, anti-wrinkle

**TYPE:** Active ingredient, Skincare

**WEBSITE:** [www.ts-biotech.com](http://www.ts-biotech.com)

**EMAIL:** [sales@ts-biotech.com](mailto:sales@ts-biotech.com)

SupremeHyal™ Renew, a breakthrough innovative solution from TS-BIOTECH designed to restore skin barrier integrity, the cornerstone of skin rejuvenation, by restoring healthy skin cycling through 3 key steps:

1. Resurfacing - Promotes healthy epidermal renewal by acting on the granular layer and stratum corneum, optimizing the natural desquamation process while reinforcing skin barrier function.
2. Repairing - Strengthens the skin barrier by promoting keratinocyte renewal and reducing skin irritation.
3. Rejuvenating - Restores rejuvenating skin attributes such as hydration, anisotropy, luminosity, and glow, strengthens skin biomechanical properties, and reduces wrinkles.

## Facial Renewal Essense

| PHASE | INGREDIENT            | INCI NAME                                                                        | % W/W  | SUPPLIER   |
|-------|-----------------------|----------------------------------------------------------------------------------|--------|------------|
| A     | WATER                 | WATER                                                                            | 95.994 |            |
|       | CARBOPOL® 980 Polymer | CARBOMER                                                                         | 0.12   | Lubrizol   |
|       | SEPIMAX ZEN           | POLYACRYLATE CROSSPOLYMER-6                                                      | 0.15   | SEPPIC     |
|       | GLYCERIN              | GLYCERIN                                                                         | 2      |            |
| B     | TRIETHANOLAMINE       | TRIETHANOLAMINE                                                                  | 0.036  |            |
| C     | SupremeHyal®Renew     | HYALURONIC ACID                                                                  | 0.1    | TS-Biotech |
|       | Æctive®               | ECTOIN                                                                           | 0.1    | TS-Biotech |
|       | PhytoBio®Ganoderma    | GANODERMA SINENSIS EXTRACT, BUTYLENE GLYCOL, 1, 2-HEXANEDIOL, ETHYLHEXYLGLYCERIN | 1      | TS-Biotech |
|       | PE91                  | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN                                               | 0.5    |            |

### Procedure

1. Weigh phase A, stir, heat to 80-85 °C, stir and homogenize and dissolved evenly
2. Stir to cool down. When the temperature is lower than 70 °C, add phase B in sequence and stir to make evenly
3. Stir to cool down. When the temperature is lower than 50 °C, add phase C in sequence and stir to make evenly
4. Cool to room temperature and fill

### Properties

pH = 5.17  
Viscosity = 760(3#, 50rpm)mpas

STAND NUMBER

D11

# Vantage Personal Care

STRATAPHIX™ POLY-PF

CATEGORY: Active ingredients

INGREDIENT BENEFITS: Soothing, anti-inflammatory

TYPE: Active ingredient, Skincare

WEBSITE: [www.vantagegrp.com](http://www.vantagegrp.com)

EMAIL: [iris.cao@vantagegrp.com](mailto:iris.cao@vantagegrp.com)

- STRATAPHIX Technology is optimal composites of naturally based actives designed to help address skin inflammaging brought on by various external threats.
- STRATAPHIX helps recovery of skin hydration when moisturization is decreased; when autophagy is decelerated/circadian rhythm is interrupted/barrier recovery is decreased; when there is an increase in UV exposure/pollution exposure/redness (erythema)/irritation.
- STRATAPHIX™ POLY-PF is an efficacious complex of botanically derived, water-soluble polysaccharides known for the ability to boost the immune system. Backed by clinical trials to support claims related to inflammaging, skin barrier recovery, redness, extended hydration, retinol tolerance etc.

## Skin Revitalizing Moisture Serum

| PHASE | INGREDIENT          | INCI NAME                                                                                                                                      | % W/W | SUPPLIER |
|-------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| A     | DEIONIZED WATER     | AQUA (WATER)                                                                                                                                   | 94.61 | LOCAL    |
|       | DISODIUM EDTA       | DISODIUM EDTA                                                                                                                                  | 0.02  | LOCAL    |
|       | LIPONIC™ EG-1       | GLYCERETH-26                                                                                                                                   | 3.00  | VANTAGE  |
|       | CARBOPOL 981        | CARBOMER                                                                                                                                       | 0.25  | LUBRIZOL |
|       | STRATAPHIX™ POLY-PF | AQUA (WATER) (AND) GLYCERIN (AND) LAMINARIA DIGITATA EXTRACT (AND) OPUNTIA FICUS-INDICA STEM EXTRACT (AND) GALACTOARABINAN (AND) SCHIZOPHYLLAN | 1.00  | VANTAGE  |
| B     | TEA 99%             | TRIETHANOLAMINE                                                                                                                                | 0.20  | LOCAL    |
| C     | JEECIDE® CAP-5      | PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) POTASSIUM SORBATE (AND) HEXYLENE GLYCOL                                                             | 0.80  | VANTAGE  |
|       | LIPOCOL™ HCO-60     | PEG-60 HYDROGENATED CASTOR OIL                                                                                                                 | 0.10  | VANTAGE  |
|       | FRAGRANCE           | PARFUM (FRAGRANCE)                                                                                                                             | 0.02  | LOCAL    |

### Procedure

1. In main vessel, add Phase 1 and begin mixing with a saw tooth propeller mixer.
2. Add Phase 2 ingredient slowly.
3. Premix Phase 3 and add in main vessel. Mix until uniform.

### Properties

pH = 5.21  
Viscosity(Lv63,60rpm) = 1148cP

STAND NUMBER

Y30

# Vytrus Biotech

## BAOLIFT™ - Your Skin Workout

STAND NUMBER

# E21

**CATEGORY:** Active ingredients

**INGREDIENT BENEFIT:** Firming, lifting, smoothing, tightening

**TYPE:** Active ingredient, Skincare

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

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

Baolift™- Your skin workout is the new biotechnological ingredient that activates the molecular mechanisms of physical exercise in the skin, improving muscle tone for firmer, younger-looking skin:

- The new Skin-Fascia-Muscle biological axis.
- The first Plant Training Factor activates the molecular mechanisms related to exercise, improving both muscle and skin tone.
- A trainer for FIT SKIN, increasing resistance and vitality, providing anti-gravity.

# Functional INGREDIENTS

in-cosmetics™ asia

# Arxada

Geomulse™ Polyglyceyl Esters (RM of 100% plant origin)

|                      |                                           |
|----------------------|-------------------------------------------|
| CATEGORY:            | Emulsifiers, co-emulsifiers               |
| INGREDIENT BENEFITS: | Not applicable                            |
| TYPE:                | Functional ingredient, Skincare, Haircare |
| WEBSITE:             | www.arxada.com                            |
| EMAIL:               | avneesh.kabra@arxada.com                  |

It is a sulphate-free and 1,4-dioxane-free surfactant.

## Geomulse™ Polyglyceyl Esters

| PHASE | INGREDIENT    | INCI NAME                         | % W/W | SUPPLIER |
|-------|---------------|-----------------------------------|-------|----------|
| A     | Geomulse™ S8  | INCI: Polyglyceryl-6 Disterate    |       |          |
| B     | Geomulse™ S10 | INCI: Polyglyceryl-10 Stearate    |       |          |
| C     | Geomulse™ O13 | INCI: Polyglyceryl-10 Oleate      |       |          |
| D     | Geomulse™ P11 | INCI: Polyglyceryl-10 Dipalmitate |       |          |

### Properties

Made from raw materials of 100% plant origin  
Moisturization and mild  
Wide HLB ranges and great processability  
Viscosity enhancement properties

STAND NUMBER

L30

# Ashland Singapore Pte Ltd

n-durhance™ es-repair polymer

CATEGORY:

Conditioning agents, Film formers, styling agents, Rheology modifiers, thickeners

INGREDIENT BENEFITS:

Hair Styling

TYPE:

Functional ingredient, Haircare

WEBSITE:

[www.ashland.com/industries/personal-and-home-care/hair-care/ndurhance-esrepair-ingredient](http://www.ashland.com/industries/personal-and-home-care/hair-care/ndurhance-esrepair-ingredient)

EMAIL:

[personalcareasia@ashland.com](mailto:personalcareasia@ashland.com)

N-durhance™ es-repair delivers durable split end repair that protects hair from damage and breakage during wet combing and heat styling. It also provides excellent sensorial properties, giving the hair a lubricious, not tacky feel when wet and perfectly conditioned when dry.

1. biodegradable
2. damaged hair repair & protect: In general, it reduces breakage due to brushing and combing by up to 26% and protects by creating a smooth film on the hair and mends split, especially for dyed & permed hair.
3. heat protection: hair treated with it offers significant protection against structural fiber damage from heat styling

## Rapid root to tip repair cream with n-durhance™ es-repair polymer

| PHASE | INGREDIENT                          | INCI NAME                                                                                    | % W/W     | SUPPLIER |
|-------|-------------------------------------|----------------------------------------------------------------------------------------------|-----------|----------|
| A     | Deionized Water                     | Aqua (water)                                                                                 | 83.82     | Local    |
|       | effisin™ pg natural multifunctional | Pentylene Glycol                                                                             | 2.00      | Ashland  |
|       | Glycerin USP                        | Glycerin                                                                                     | 1.00      | Vantage  |
|       | Versene* NA2 crystals               | Disodium EDTA                                                                                | 0.10      | Dow      |
|       | Aloe vera                           | Aloe Barbadensis Leaf Juice Powder                                                           | 0.10      | Ashland  |
|       | phyteq™ raspberry n multifunctional | Raspberry ketone                                                                             | 0.80      | Ashland  |
|       | natrosol™ plus 330 cs polymer       | Cetyl Hydroxyethylcellulose                                                                  | 0.20      | Ashland  |
|       | n-durhance™ es-repair polymer       | Hydroxypropyl Guar Hydroxypropyltrimonium Chloride (and) Guar HydroxypropyltrimoniumChloride | 2.00      | Ashland  |
|       | Citric Acid - 30% solution          | Citric Acid                                                                                  | 0.08      | Local    |
| B     | Cetearyl Alcohol (30/70)            | Cetearyl Alcohol                                                                             | 3.00      | Local    |
|       | Incroquat* Behenyl TMS-50           | Behentrimonium Methosulfate (and) CetylAlcohol (and) Butylene Glycol                         | 2.00      | Croda    |
|       | cerasynt™ 945 ester                 | Glyceryl Stearate (and) Laureth-23                                                           | 2.00      | Ashland  |
|       | Isoamyl Laurate                     | Isoamyl Laurate                                                                              | 1.00      | Local    |
|       | ceraphyl™ 368M ester                | Ethylhexyl Palmitate                                                                         | 0.50      | Ashland  |
|       | optiphen™ OD preservative booster   | Caprylyl Glycol                                                                              | 0.20      | Ashland  |
| C     | fiberhance™ bm solution             | Hydroxypropylgluconamide (and)Hydroxypropylammonium Gluconate                                | 1.00      | Ashland  |
|       | Fragrance R16-3909                  | Fragrance/Parfum                                                                             | 0.20      | Robertet |
| D     | Citric Acid - 30% solution          | Citric Acid                                                                                  | as needed | local    |
|       | Sodium Hydroxide - 50% solution     | Sodium Hydroxide                                                                             | as needed | local    |
|       |                                     | TOTAL:                                                                                       | 100.00    |          |

### Procedure

1. Phase A: Combine water, pentylene glycol, glycerin into main kettle. Begin mixing to create a vortex.

2. Disperse Disodium EDTA, aloe vera, phyteq raspberry one at a time, ensuring mixing in between for each till homogenous.

3. Disperse natrosol plus 330 cs, n-durhance es-repair into the vortex.

4. Add citric acid and continue mixing. Increase agitation as batch continues to thicken. Begin heating batch to 75-80C with mixing.

5. Phase B: combine ingredients in a separate container and heat to 75-80C with mixing.

6. Add Phase B to Phase A and continue mixing for 15 minutes.

7. Begin cooling batch and reduce agitation to slow sweep mixing.
8. Phase C: At 40C, add ingredients one by one and continue mixing.

9. Phase D: adjust pH to 5.0 with citric acid or sodium hydroxide as needed.

10. Replace water lost from heating, and stop mixing at 25C.

### Properties

Description = white, opaque viscous cream  
pH = 4.5 – 5.5  
viscosity = 35,000 ± 15,000 cps (Brookfield RVT, Sp T-D @ 10 rpm, helipath, 1 min, RT)

STAND NUMBER  
W10

# Berg + Schmidt - Care Ingredients

BergaCare FG Gel

**CATEGORY:** Rheology modifiers, thickeners

**INGREDIENT BENEFITS:** Not applicable

**TYPE:** Functional ingredient, Skincare, Decoratives

**WEBSITE:** [solutions.berg-schmidt.com/careingredients](https://solutions.berg-schmidt.com/careingredients)

**EMAIL:** [careingredients@berg-schmidt.com](mailto:careingredients@berg-schmidt.com)

BergaCare FG Gel, an oil thickener, can be used without heating (cold processed) to form transparent formulations easily. BergaCare FG Gel is natural and suitable for leave-on and rinse-off products, for skin care, hair care, sun care, colour cosmetics. It is versatile and easy to use due to its thixotropic behaviour since it has a reversible phenomenon.

A new solution to naturally thicken transparent oil formulations, and it can be processed cold or hot.

- thixotropic behaviour
- suitable for leave on and rinse off products
- excellent suspending ability for pigments, uv filters, and etc

## Golden Guard Sun Oil Gel featuring BergaCare FG Gel

| PHASE | INGREDIENT                 | INCI NAME                                                                                                              | % W/W | SUPPLIER       |
|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| A     | Sunflower Seed Oil         | Helianthus Annuus (Sunflower) Seed Oil                                                                                 | 43.8  | Henry Lamotte  |
|       | BergaCare FG Gel           | Hydrogenated Ethylhexyl Olivat, Hydrogenated Castor Oil/Sebacic Acid Copolymer, Hydrogenated Olive Oil Unsaponifiables | 15.0  | Berg + Schmidt |
|       | BergaCare EM-16            | Isopropyl Palmitate                                                                                                    | 5.0   | Berg + Schmidt |
|       | BergaSun EHT               | Ethylhexyl Triazone                                                                                                    | 5.0   | Berg + Schmidt |
|       | BergaSun DHHB              | Diethylamino Hydroxybenzoyl                                                                                            | 5.0   | Berg + Schmidt |
|       | BergaSun EHS               | Ethylhexyl Salicylate                                                                                                  | 5.0   | Berg + Schmidt |
|       | BergaSun BEMT              | Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine                                                                         | 5.0   | Berg + Schmidt |
|       | Sweet Almond Oil           | Prunus Amygdalus Dulcis (Sweet Almond) Oil                                                                             | 5.0   | Henry Lamotte  |
| B     | Cosphaderm T70 non-GMO ECO | Tocopherol, Helianthus Annuus (Sunflower) Seed Oil                                                                     | 0.5   | Cosphatec      |
|       | Perfume                    | Perfume                                                                                                                | 0.5   |                |
|       | Mirage Glamour Gold        | Calcium Sodium Borosilicate (and) Titanium Dioxide (and) Tin Oxide                                                     | 0.2   | ECKART         |
|       | SynCrystal Ivory           | Synthetic Fluorphlogopite (and) Titanium Dioxide (and) Iron Oxides (and) Tin Oxide                                     | 0.03  | ECKART         |

### Procedure

1. Weigh in all raw materials in Phase A and heat up to 75°C while stirring, until everything dissolved.
2. Cool down to room temp. Add the pigment and perfume.

### Properties

Viscosity (24h) = 760 mPas  
Appearance = Shiny Yellow Oil Gel

STAND NUMBER

P40

CATEGORY:

Waxes, structuring agents, elastomers, Emulsifiers, co-emulsifiers

INGREDIENT BENEFITS:

Moisturizing, hydrating

TYPE:

Functional ingredient, Skincare, Decoratives

WEBSITE:

www.brasca.it

EMAIL:

info@brasca.it

IDRAWAX REVO®: patented ingredient of natural origins that enriches every cosmetic field.

- Powerful structuring and emulsifying agent, revolutionizing the creation of cooling solid cosmetics
- Incorporation of high water content in traditionally anhydrous products like sticks and balm
- Inclusion of hydrophilic actives to boost hydration and moisturization

In line with this breakthrough, our labs developed “Aurora”, an all-over shimmer inspired by the vibrant essence and vivid colors of Northern Lights. Its refreshing texture and luminous pearls offer a magical and enveloping application. An artistic creation, reflection of the essence of our cosmetic revolution.

AURORA All-over

| PHASE              | INGREDIENT                            | INCI NAME                                                   | % W/W | SUPPLIER |
|--------------------|---------------------------------------|-------------------------------------------------------------|-------|----------|
| A                  | CytoFruit® Water Sweet Orange BIO 99% | CITRUS AURANTIUM DULCIS FRUIT EXTRACT                       | 25.2  | ROELMI   |
|                    |                                       | POTASSIUM SORBATE                                           | 0.3   |          |
|                    |                                       | SODIUM BENZOATE                                             | 0.3   |          |
|                    | DefensoWin™                           | ECTOIN                                                      | 0.5   | ROELMI   |
|                    |                                       | WATER, PROPANEDIOL, TREMELLA FUCIFORMIS (MUSHROOM) EXTRACT  | 1     |          |
|                    |                                       | WATER, RED1                                                 | 1     |          |
|                    |                                       | SODIUM HYALURONATE                                          | 0.5   | ROELMI   |
|                    |                                       | PENTYLENE GLYCOL                                            | 3     |          |
|                    |                                       | BUTYLENE GLYCOL                                             | 2     |          |
| B                  | Idrawax® Revo                         | HELIANTHUS ANNUUS SEED CERA, POLYGLYCERYL-3 POLYRICINOLEATE | 15    | BRASCA   |
|                    | EMotion® Air                          | ETHYLHEXYL PELARGONATE                                      | 21.7  | ROELMI   |
|                    | Olifeel® Butter                       | GLYCERYL DIOLEATE, TRIOLEIN, C10-18 TRIGLYCERIDES           | 9.5   | ROELMI   |
|                    |                                       | PRUNUS AMYGDALUS DULCIS OIL                                 | 19    |          |
|                    |                                       | PLUKENETIA VOLUBILIS OIL                                    | 1     |          |
| VIOLET COLOR PHASE |                                       | CI 77891, MICA, CI 77491, TIN OXIDE                         | 0.92  |          |
|                    |                                       | CI 77891, MICA, CI 77007, TIN OXIDE                         | 0.24  |          |
|                    |                                       | MICA, CI 77891, CI 77491, CI 77742                          | 1.14  |          |
|                    |                                       | Synthetic Fluorphlogopite (and) Titanium Dioxide            | 0.67  |          |
| RED COLOR PHASE    |                                       | MICA, CI 77891, CI 77491                                    | 1.39  |          |
|                    |                                       | Synthetic Fluorphlogopite (and) Titanium Dioxide            | 0.65  |          |

Procedure

1. Prepare and heat phase A at 80°C under stirring
2. Prepare and heat phase B at 80°C under stirring
3. Add phase A into phase B and mix with Turraxx at 4-5000 rpm for 2/3 minutes
4. Disperse the each colors phase in A+B at 75-80°C and fill the mould

Properties

ASPECT = Solid Stick  
COLOR = Coral Red / Violet  
ODOR = Characteristic  
DROP POINT = 68° C

# BRB International B.V.

BRB Emfinity® CGSA 200 B

**CATEGORY:** Emollients, lipids, petrolatum, UV filters, SPF boosters

**INGREDIENT BENEFITS:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Skincare, Suncare

**WEBSITE:** [www.brb-international.com](http://www.brb-international.com)

**EMAIL:** [kuanlem@brbbv.com](mailto:kuanlem@brbbv.com)

It enhances viscosity in formulations, enabling easy spreading through the hair while delivering excellent foam performance.

## Re-youth Invisible Face Mask

| PHASE | INGREDIENT               | INCI NAME                                                                            | % W/W | SUPPLIER       |
|-------|--------------------------|--------------------------------------------------------------------------------------|-------|----------------|
| A     | DI Water                 | Aqua                                                                                 | 73.60 |                |
|       | Butylene Glycol          | Butylene Glycol                                                                      | 2.00  | Local supplier |
|       | BRB 2844                 | Bis-PEG-18 Methyl Ether Dimethyl Silane                                              | 5.00  | BRB            |
| B     | BRB DM 55                | Dimethicone                                                                          | 3.00  | BRB            |
|       | BRB Emfinity® CGSA 200 B | Caprylol Glycerin/Sebacic Acid Copolymer                                             | 5.00  | BRB            |
|       | BRB 1740                 | Dimethicone (and) Dimethiconol                                                       | 2.00  | BRB            |
|       | BRB Caprylyl Methicone   | Caprylyl Methicone                                                                   | 2.50  | BRB            |
|       | Oat Lipid e              | Avena Sativa Kernel Oil                                                              | 0.50  | Oat Cosmetics  |
| C     | Viscolam AT 100P         | Sodium Polyacryloyldimethyl Taurate (and) Hydrogenated Polydecene (and) Trideceth-10 | 2.50  | Lambertti      |
|       | Hydroxyprolisilane CN    | Methylsilanol Hydroxyproline Aspartate                                               | 3.00  | Exsymol        |
|       | Euxyl PE 100             | Phenoxyethanol (and) Ehtylhexylglycerin                                              | 0.80  | Ashland        |
|       | FR Neroli Rose           | Parfum                                                                               | 0.10  | Ogawa          |

### Procedure

1. Weigh phase A and mix well.
2. In a separate beaker, mix phase B well.
3. Add step 2 into step 1 and mix well.
4. Add C1 into the bulk and homogenise well.
5. Add C2, C3 and C4 into the bulk one by one. Mix well after each addition.

### Properties

Appearance = Translucent lotion  
pH = 5.5 - 6.5  
Viscosity (shear rate 1.0) = approx. 45000 cps

STAND NUMBER  
**R30**

**CATEGORY:** Rheology modifiers, thickeners, Bio-fermentation ingredients, Solubilizers, dispersing agents

**INGREDIENT BENEFIT:** Not applicable

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [www.cargill.com/personal-care/beauty](http://www.cargill.com/personal-care/beauty)

**EMAIL:** [cherie\\_zhu@cargill.com](mailto:cherie_zhu@cargill.com)

## Actigum™ Care – Redefining natural excellence in personal care

Crafted with precision using Hydroxypropyl Starch Phosphate and Sclerotium Gum, Actigum™ Care represents a harmonious synergy of nature's elements.

Actigum™ Care stands out as a formidable alternative to traditional petro-based polymers, offering a remarkable 94.5% natural composition.

This groundbreaking product brings together the unique properties of starch and sclerotium gum to deliver a rheology modifier that not only matches but surpasses the functionality of its synthetic counterparts, all while enhancing sensoriality.

Actigum™ Care has a great pick-up, cushion and firm effect, and a smooth, fresh texture.

**CATEGORY:** Emollients, lipids, petrolatum, Oils, butters, Film formers, styling agents

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [www.cargill.com/personal-care/beauty](http://www.cargill.com/personal-care/beauty)

**EMAIL:** [cherie\\_zhu@cargill.com](mailto:cherie_zhu@cargill.com)

BotaniDesign™ is the first and only vegetable-based composite product that is a 1:1 replacement for petrolatum in formulations.

- Made via one-pot reaction process, ingredients are reacted to produce a single entity, providing emolliency with high performance enhanced skincare benefits, while providing stability in formulations with surfactants/emulsifiers.
- No solvents used, and no waste results from manufacturing.
- 100% Derived Natural, sustainable, readily biodegradable.

CATEGORY: Emulsifiers, co-emulsifiers

INGREDIENT BENEFITS: UV protection

TYPE: Functional ingredient, Suncare, Skincare

WEBSITE: [www.catexel.com](http://www.catexel.com)

EMAIL: [ilda.hajdarevic@hotmail.de](mailto:ilda.hajdarevic@hotmail.de)

WeylCare® CetylP is a versatile, highly effective, oil-in-water emulsifier, offering outstanding stability in a broad range of applications. It delivers powerful emulsification for formulations with high loads of emollients, UV filters and pigments.

A key feature is its efficiency. With just 1%, formulators can emulsify up to 50% sunflower oil, making it ideal for stabilizing formulations with high concentrations of hydrophobic ingredients.

For formulators seeking to strike the balance between technical excellence, cost-efficiency, and sustainability, WeylCare® CetylP is the premium emulsifier of choice.

- COSMOS approved
- Made from 100% renewable resources
- Pleasant skin feel & moisturizing effect

Sun Lotion

| PHASE | INGREDIENT                   | INCI NAME                                   | % W/W      | SUPPLIER      |
|-------|------------------------------|---------------------------------------------|------------|---------------|
| A     | Parsol 1789 (UV absorber)    | Butyl methoxydibenzolmethane                | 3.0        | DSM           |
|       | Parsol 340 (UV absorber)     | Octocrylene                                 | 8.0        | DSM           |
|       | WeylCare® CetylP             | Potassium cetyl phosphate                   | 2.0        | Catexel       |
|       | Myritol 318                  | Caprylic/Capric triglyceride                | 6.0        | BASF          |
|       | Cetiol B                     | Dibutyl Adipate                             | 6.0        | Sigma Aldrich |
|       | Lanette 16                   | Cetyl alcohol                               | 2.0        | BASF          |
| B     | WeylCare® ATBS               | Ammonium polyacryloyldimethyl taurate       | 0.2        | Catexel       |
|       | WeylCare® Allantoin          | Allantoin                                   | 0.1        | Catexel       |
|       | Glycerin                     | Glycerin                                    | 3.0        | Roth          |
|       | Phenonip ME                  | Phenoxyethanol, Methylparaben, Ethylparaben | 0.8        | Clariant      |
|       | Water                        | Aqua                                        | Add to 100 |               |
| C     | Perfume                      | Perfume                                     | 0.1        |               |
| D     | Citric acid/Sodium hydroxide | Citric acid/Sodium hydroxide                | q.s.       |               |

Procedure

1. Mix and heat the part A to 80°C and B to 60°C.
2. Add part B to A at 80°C while homogenizing with a stirrer (400-500 rpm).
3. Cool down the mixture II to 35-40°C while stirring.
4. Add C and homogenize again for 2-3 h.
5. Adjust pH to 5.0-5.5 with D if necessary.

Properties

pH = 5.3  
Viscosity = 6000-9000 mPas (20°C | Brookfield at 20 rpm)  
Appearance = White lotion

# Cosphatec GmbH

Cosphaderm® Tocopharin

**CATEGORY:** Antioxidants, Active ingredients, UV filters, SPF boosters

**INGREDIENT BENEFITS:** Anti-ageing, anti-wrinkle

**TYPE:** Functional ingredient, Skincare

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

**EMAIL:** [wynona.stender@cosphatec.com](mailto:wynona.stender@cosphatec.com)

Cosphaderm® Tocopharin is a multifunctional, antioxidant blend consisting of Carnosic Acid extracted from rosemary, mixed tocopherols and organic sunflower oil. Powerful even in low concentrations, the liquid, COSMOS and NATRUE approved product optimally combines the antioxidative capacity of its nature-derived ingredients. Mixed tocopherols are widely used as highly effective natural antioxidants for protection of oil and fat components susceptible to oxidation. Carnosic Acid provides additional antioxidative activity not only enhancing the stabilisation of cosmetic formulations, but also protecting the skin from oxidative stress by displaying anti-aging and anti-UV-damage properties.

## DAILY FACIAL CREAM WITH COSPHADERM® TOCOPHARIN

| PHASE | INGREDIENT                 | INCI NAME                                             | % W/W | SUPPLIER                  |
|-------|----------------------------|-------------------------------------------------------|-------|---------------------------|
| A     | Denim.Water                | Auqa                                                  | 74.50 |                           |
|       | Glycerin                   | Glycerin                                              | 3.00  | CREMER OLEO GmbH & Co. KG |
|       | Cosphaderm® Hexiol natural | 1,2 Hexanediol                                        | 1.00  | Cosphatec GmbH            |
|       | Cosphaderm® Octiol natural | Caprylyl Glycol                                       | 0.50  | Cosphatec GmbH            |
|       | Cosphaderm® X 34           | Xanthan Gum                                           | 2.50  | Cosphatec GmbH            |
| B     | Cosphaderm® Feel           | Triheptanoin                                          | 0.51  | Cosphatec GmbH            |
|       | Cosphaderm® GS Connect     | Glyceryl Stearate Citrate                             | 5.01  | Cosphatec GmbH            |
|       | MCT Oil Typ V ph. Eur.     | Caprylic/Capric Triglyceride                          | 5.00  | Gustav Heess GmbH         |
|       | Softisan® 154              | Hydrogenated Palm Oil                                 | 1.00  | IOI Oleo GmbH             |
|       | Shea Butter refined        | Butyrospermum Parkii Butter                           | 5.00  | Gustav Heess GmbH         |
|       | Lanette® 16                | Cetyl Alcohol                                         | 2.00  | BASF SE                   |
| C     | Cospahedrm® Tocopharin     | Carnosic Acid, Tocopherol, Helianthus Annuus Seed Oil | 0.50  | Cosphatec GmbH            |

### Procedure

- Combine all ingredients of phase A and stir until everything is completely dissolved.
- Combine all ingredients of phase B.
- Heat both phases separately to 70 °C and add phase B to A while stirring.
- Phase C: Add phase C to the emulsion and homogenise.
- Adjust the pH to 5.5 ± 0.05.

### Properties

Appearance = White cream  
pH = 5.5 ± 0.05  
Stability = Microbiological stability proven, no separation after centrifugation (4000 rpm, 30 min)

## DAILY FACIAL CREAM WITH ROSEMARY EXTRACT

| PHASE | INGREDIENT                 | INCI NAME                                                       | % W/W | SUPPLIER                  |
|-------|----------------------------|-----------------------------------------------------------------|-------|---------------------------|
| A     | Denim.Water                | Auqa                                                            | 74.50 |                           |
|       | Glycerin                   | Glycerin                                                        | 3.00  | CREMER OLEO GmbH & Co. KG |
|       | Cosphaderm® Hexiol natural | 1,2 Hexanediol                                                  | 1.00  | Cosphatec GmbH            |
|       | Cosphaderm® Octiol natural | Caprylyl Glycol                                                 | 0.50  | Cosphatec GmbH            |
|       | Cosphaderm® X 34           | Xanthan Gum                                                     | 2.50  | Cosphatec GmbH            |
| B     | Cosphaderm® Feel           | Triheptanoin                                                    | 0.51  | Cosphatec GmbH            |
|       | Cosphaderm® GS Connect     | Glyceryl Stearate Citrate                                       | 5.01  | Cosphatec GmbH            |
|       | MCT Oil Typ V ph. Eur.     | Caprylic/Capric Triglyceride                                    | 5.00  | Gustav Heess GmbH         |
|       | Softisan® 154              | Hydrogenated Palm Oil                                           | 1.00  | IOI Oleo GmbH             |
|       | Shea Butter refined        | Butyrospermum Parkii Butter                                     | 5.00  | Gustav Heess GmbH         |
|       | Lanette® 16                | Cetyl Alcohol                                                   | 2.00  | BASF SE                   |
| C     | Rosemary Extract           | Rosmarinus Officinalis Leaf Extract, Helianthus Annuus Seed Oil | 0.50  |                           |

### Procedure

- Combine all ingredients of phase A and stir until everything is completely dissolved.
- Combine all ingredients of phase B.
- Heat both phases separately to 70 °C and add phase B to A while stirring.
- Phase C: Add phase C to the emulsion and homogenise.
- Adjust the pH to 5.5 ± 0.05.

### Properties

Appearance = Greenish yellow cream  
pH = 5.5 ± 0.05  
Stability = Microbiological stability proven, no separation after centrifugation (4000 rpm, 30 min)

STAND NUMBER

Y21

# Dow

## CELLOSIZETM NXT18 Rheology Modifier

CATEGORY:

Bulking, binding, anti-caking agents, Waxes, structuring agents, elastomers

INGREDIENT BENEFITS:

Cleansing

TYPE:

Functional ingredient, Toiletries

WEBSITE:

www.dow.com/personalcare

EMAIL:

yiqin@dow.com

CELLOSIZETM NXT18 Rheology Modifier is a bio-derived from and inherent ultimate biodegradable (OECD 302B) cellulosic derivative offering water structuring and binding effects.

CELLOSIZETM NXT18 Rheology Modifier offers multiple features & benefits.

- Derived from naturally based raw materials
- 73% of bio-based carbon
- 80% cellulose origin
- Inherent ultimate biodegradable as per OECD 302B
- Low use level
- High compatibility due to non-ionic nature

## Soap Bar

| PHASE | INGREDIENT                               | INCI NAME                                                                              | % W/W | SUPPLIER               |
|-------|------------------------------------------|----------------------------------------------------------------------------------------|-------|------------------------|
| A     | SOAP NOODLES (grade WILFARIN SN-8020)    | Sodium Palmate (and) Sodium Palm Kemelate                                              | 76.47 | Adani Wilmar Limited   |
|       | Glycerin                                 | Glycerin                                                                               | 1     |                        |
|       | Titanium Dioxide                         | Titanium Dioxide                                                                       | 0.5   | Central Drug House Ltd |
|       | Sodium Chloride                          | Sodium Chloride                                                                        | 2     | Finar Limited          |
|       | Sodium Silicate Solution                 | Sodium Silicate (40%)                                                                  |       | Ankit Silicate         |
|       | CELLOSIZETM NXT-18 Rheology Modifier     | Methyl Hydroxyethylcellulose/PPG-14 Crosspolymer                                       | 0.2   | Dow                    |
|       | CELLOSIZETM Texture E4M                  | Hydroxypropyl Methylcellulose                                                          |       | Dow                    |
|       | FOAMYSENSETM N60K Polymer                | PEG-45M                                                                                | 0.08  | Dow                    |
|       | DOWSILTM HMW 2220 Non-Ionic Emulsion     | Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Alketh-23 (and) C12- 13 Alketh-3 | 0.3   | Dow                    |
|       | EcoSmoothTM Satin P Conditioning Polymer | Ethylene/Sodium Acrylate Copolymer                                                     | 0.3   | Dow                    |
|       | VERSENETM 220 Crystals Chelating Agent   | Tetrasodium EDTA Tetrahydrate                                                          | 0.15  | Dow                    |
|       | Perfume                                  | Perfume                                                                                | 1     |                        |
|       | Water                                    | Water                                                                                  | 18    |                        |

### Procedure

1. Put soap noodles to Sigma mixer for continuous mixing with closed cover
2. Add other ingredients one at a time in order listed with continuous mixing
3. Add water in Sigma mixer, mix until homogeneous.
4. Transfer soap base mass from sigma mixer and pass it through triple roll mill for
5. continuous homogenized uniform soap base mass.
6. Transfer soap base mass and pass it through plodding machine
7. Cut soap ribbon in appropriate size adn stamp it on stamping machine.

### Properties

Appearance = Opaque white soap bar

STAND NUMBER

# G30

Elementis

BENTONE HYDROLUXE™ 360

**CATEGORY:** Emulsifiers, co-emulsifiers, Rheology modifiers, thickeners

**INGREDIENT BENEFITS:** Not applicable

**TYPE:** Functional ingredient, Skincare

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

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

BENTONE HYDROLUXE™ 360 is a natural, COSMOS approved clay-based O/W emulsifier and stabiliser that provides all-rounded functionality and efficacy to create formulations with excellent stability, suspension and a superior sensorial experience. The balanced composition of BENTONE HYDROLUXE™ 360 ensures ease-of-use, minimal development time and reliable results with high batch-to-batch consistency. The Hectorite clay allows for the creation of stable emulsions with a light touch and pleasant skin feel.

- COSMOS approved, 100% naturally derived
- Soft sensory and smooth silky skin feel
- Excellent formulation versatility and stability

Repairative Serum

| PHASE | INGREDIENT                      | INCI NAME                                                                                                  | % W/W | SUPPLIER                     |
|-------|---------------------------------|------------------------------------------------------------------------------------------------------------|-------|------------------------------|
| A     | Deionized Water                 |                                                                                                            | 62.00 |                              |
|       | BENTONE HYDROLUXE™ 360          | Glyceryl Stearate Citrate (and) Cetearyl Alcohol (and) Hectorite (and) Xanthan Gum (and) Glyceryl Behenate | 5.00  | Elementis                    |
|       | Glycerin                        |                                                                                                            | 5.00  |                              |
|       | Niacinamide                     |                                                                                                            | 5.00  |                              |
| B     | Jeenchem NDA-LC                 | C9-12 Alkane                                                                                               | 20.00 | Jeen International / Vantage |
|       | Cannabis Sativa (Hemp) Seed Oil |                                                                                                            | 2.00  |                              |
| C     | Geogard 221                     | Dehydroacetic Acid (and) Benzyl Alchohol                                                                   | 1.00  | Arxada                       |
|       | Comfrey root in glycerin 3238GL | Glycerin (and) Aqua (and) Symphytum Officinale Root Extract                                                | 0.50  | Bio botanica                 |
|       | Chamomile in glycerin 3230GL    | Glycerin (and) Aqua (and) Chamomila Recutita (Matricaria) Flower Extract                                   | 0.50  | Bio botanica                 |
| D     | Blue 1 (1% solution)            |                                                                                                            | q.s.  |                              |
|       | Yellow 5 (1% solution)          |                                                                                                            | q.s.  |                              |
| E     | Citric Acid                     |                                                                                                            | q.s.  |                              |

Procedure

1. Combine Phase A ingredients and heat to 75°C with stirring.
2. Start cooling with propeller stirring.
3. At 60°C, add combined Phase B to A using a homogenizer and homogenize for several minutes.
4. Continue cooling with propeller stirring.
5. At below 40°C, add Phase C ingredients to main batch.
6. Adjust color to match standard using Phase D.
7. Adjust pH to 6.0—6.3 using Phase E if necessary.

Properties

Viscosity = RVDV-II. Spindle 3. 2.5rpm 8,000 - 13,000 cps  
Appearance = Light green lotion  
pH = 6.0 - 6.3

STAND NUMBER

U80

**CATEGORY:** Surfactants, foaming agents, Emulsifiers, co-emulsifiers, Emollients, lipids, petrolatum

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Functional ingredient, Skincare

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

**EMAIL:** [customerenquiry@galaxysurfactants.com](mailto:customerenquiry@galaxysurfactants.com)

Galseer® DermaGreen is -

- 100% Natural, Silicone-free, Vegan, Biodegradable Oil-soluble surfactant system
- Hypoallergenic & Dermatologically Tested - Ideal for Dry, Sensitive, Compromised skin
- Prebiotic that barrier-repairs skin's natural, healthy microbiome

Galseer® DermaGreen is blended with vegetable oils and oil-soluble actives to create derma-caring compositions for dry, sensitive and highly irritated skin.

Unlike current surfactant systems for shower oils, Galseer DermaGreen is free-from toxic and eco-destroying ingredients such as carcinogenic nitrosamines and dioxane. All the ingredients of Galseer® Dermagreen are biodegradable, sourced from bio-renewable feedstocks and manufactured by 'Green' chemistry (US Patent 11,771,643 (2023)).

# Givaudan Active Beauty

## Silk-iCare™

STAND NUMBER

# H40

**CATEGORY:** Formulation bases

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [www.givaudan.com/fragrance-beauty/active-beauty](http://www.givaudan.com/fragrance-beauty/active-beauty)

**EMAIL:** [global.cosmetic@givaudan.com](mailto:global.cosmetic@givaudan.com)

Silk-iCare™ is a new vegan biotech silk delivering amazing functional benefits for skin:

- It is a robust, non-sticky, thixotropic, non-occlusive hydrogel,, with excellent biocompatibility
- It creates an light breathable film on the skin, with skin protection properties against pollution
- It acts as an invisible bandage to repair injured skin and thus reduces skin imperfection

CATEGORY: Surfactants, foaming agents

INGREDIENT BENEFIT: Cleansing

TYPE: Functional ingredient, Haircare

WEBSITE: [www.tinci.com](http://www.tinci.com)

EMAIL: [shanziyi@tinci.com](mailto:shanziyi@tinci.com)

Mild Surfactants

- Mild, non-irritating;
- Excellent foaming performance, fine and dense foam;
- Readily biodegradability;
- Hard water resistance.

**CATEGORY:** Silicones

**INGREDIENT BENEFIT:** Firming, lifting, smoothing, tightening

**TYPE:** Functional ingredient, Decoratives

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

**EMAIL:** [shanziyi@tinci.com](mailto:shanziyi@tinci.com)

- Can be compatible with various lipophilic components
- Gives the skin a dry and silky feeling
- Powder slip feeling is strong, with physical filling fine lines effect
- Good stability and safety

# Hallstar Beauty

Surfinesse™ Cleanse G

**CATEGORY:** Surfactants, foaming agents

**INGREDIENT BENEFITS:** Cleansing

**TYPE:** Functional ingredient, Toiletries

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

**EMAIL:** [anna.delia@hallstar.com](mailto:anna.delia@hallstar.com)

Surfinesse™ Cleanse G is a gentle olive oil-derived surfactant designed for rinseable oil-based cosmetic products, such as cleansing oils. Formulations based on Surfinesse™ Cleanse G are found to emulsify with water to efficiently remove long-lasting make-up and daily skin debris while leaving a pleasant, smooth and hydrated after-feel. Thanks to its olive oil benefits, it displays excellent skin compatibility along with non-irritating properties and protection from/prevention of skin delipidification.

- Demonstrates substantially improved cleansing efficacy compared to placebo
- Compatible with a wide range of vegetable oils, esters and alkanes
- 100% natural origin, EU REACH- and China-compliant, NATRUE-approved, palm-free

## Avocado Slushy Cleansing Cream

| PHASE | INGREDIENT                  | INCI NAME                                                                                                                   | % W/W | SUPPLIER |
|-------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|----------|
| A     |                             | Water                                                                                                                       | 70.08 |          |
|       |                             | 1,3-Butanediol                                                                                                              | 10.00 |          |
|       |                             | Glycereth-26                                                                                                                | 1.00  |          |
|       |                             | Hydroxyacetophenone                                                                                                         | 0.50  |          |
|       |                             | 1,2-Hexanediol                                                                                                              | 0.50  |          |
| B     |                             | Sodium Hyaluronate                                                                                                          | 0.01  |          |
|       |                             | Sodium Polyacrylate                                                                                                         | 0.40  |          |
| C     |                             | Sodium Carbomer, Caprylic/Capric Tri-glyceride, Sucrose Stearate, Glycerin                                                  | 1.00  |          |
|       | Biochemica® Avo-cado Butter | Prunus Amygdalus Dulcis (Sweet Almond Oil), Hydrogenated Vegetable Oil, Citrus Aurantifolia (Lime) Peel Extract, Tocopherol | 1.00  | Hallstar |
|       | Sensolene®                  | Ethylhexyl Olivat                                                                                                           | 1.00  | Hallstar |
|       | Surfinesse™ Cleanse G       | Polyglyceryl-4 Oleate, Ethyl Olivat                                                                                         | 14.00 | Hallstar |
| D     | Eurol® BT                   | Olea Europaea (Olive) Leaf Extract, Water                                                                                   | 0.20  | Hallstar |
| E     |                             | yellow 5                                                                                                                    | 0.06  |          |
|       |                             | blue 1                                                                                                                      | 0.06  |          |
| F     | Hydrosal Salcoo             |                                                                                                                             | 0.20  |          |

### Procedure

1. Mix the raw material 2/6/7 well, add the raw material No. 1 well, then add the remaining raw material of phase A, stir well, and heat to 80°C.
2. Mix the C-phase raw materials, dissolve them with heat, and keep them at about 80°C for later use.
3. Slowly add the C phase to the A+B phase, emulsify at a high speed for 5000r/3min, cool down to 45°C, add the E phase raw material, and discharge the material.

STAND NUMBER  
**U60**

# HONY (GUANGDONG) NEW MATERIAL CO.LTD

Hony WZ-1

STAND NUMBER

M91

**CATEGORY:** Silicones

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Decoratives

**WEBSITE:** [www.hony-chem.com](http://www.hony-chem.com)

**EMAIL:** [yoyozheng@hony-chem.com](mailto:yoyozheng@hony-chem.com)

- Dual-system microbead technology
- Effective for skin moisturizing and softening
- Stable quality, accurate dosage
- Enhance the stability of the active substance
- Give the product more possibilities in application design, like custom Color

**CATEGORY:** Emollients, lipids, petrolatum, Oils, butters, Waxes, structuring agents, elastomers

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Decoratives, Skincare

**WEBSITE:** [www.ioioleo.de](http://www.ioioleo.de)

**EMAIL:** [personalcare@ioioleo.de](mailto:personalcare@ioioleo.de)

IOI Oleo introduces DYNASAN® CrystalCONTROL L, a revolutionary solid lipid designed from latest patented technologies and manufactured in Germany under Pharma GMP production.

Based on natural polyglycerol and stearic acid, this vegan safe ester forms polymorphic-free layers controlling crystallization processes in cosmetic formulas. This film-forming deep-moisturizing emollient will therefore transform the industry by saving millions of products from being unnecessarily wasted due to “blooming” default, consequently growing trust of consumers in brands.

Furthermore, it enhances final sensory with higher gliding and pay-off, making this formulator’s jewel a must to allow worry-free development of steady-quality sustainable solid cosmetics.

# JRS - J. Rettenmaier & Söhne GmbH + CO KG

## VIVASTAR® CS Face Mask Range

STAND NUMBER

# E35

**CATEGORY:** Rheology modifiers, thickeners, Marine extracts

**INGREDIENT BENEFIT:** Not applicable

**TYPE:** Functional ingredient, Skincare

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

**EMAIL:** [Elisa.Santerre@rettenmaier.eu](mailto:Elisa.Santerre@rettenmaier.eu)

Ready to use mix to allow the preparation of peel off mask based on alginate powder. Customize it with perfume and active of your choice and create your own product.

- Ready to use
- Customize it
- Own it

# Kaffe Bueno

KLEANSTANT®

**CATEGORY:** Surfactants, foaming agents

**INGREDIENT BENEFITS:** Cleansing

**TYPE:** Functional ingredient, Toiletries

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

**EMAIL:** [alejandro@kaffebueno.com](mailto:alejandro@kaffebueno.com)

KLEANSTANT® is a bio-based surfactant upcycled from coffee by-product, offering a sustainable choice for personal care products.

Its benefits include:

- **Eco-Conscious:** Free from sulphates, palm oil, and petroleum.
- **Rich in Nutrients:** Contains potassium salts, polyphenols, tocopherols, and diterpene esters for enhanced cleansing, moisturising, and antioxidative effects.
- **Versatile Use:** Enables the creation of innovative, gentle, and effective personal care products, leveraging its unique composition.
- **Deep Cleansing:** Allows for effective cleansing and gentle foaming whilst nourishing the skin, making it an ideal co-surfactant for eco-conscious skincare formulations.

## Velvet Milk Cleanser

| PHASE | INGREDIENT                      | INCI NAME                              | % W/W | SUPPLIER                                     |
|-------|---------------------------------|----------------------------------------|-------|----------------------------------------------|
| A     | Sensiva SC 50                   | Ethylexylglycerin                      | 0.50  | Ashland, BARENTZ                             |
|       | Glycerin 99%                    | Glycerin                               | 37.40 | Vendico                                      |
|       | KLEANSTANT                      | Aqua, Potassium Coffeate               | 5.00  | Kaffe Bueno                                  |
|       | SISTERNA SP70-C                 | Sucrose Stearate                       | 2.00  | SISTERNA, Matis Specialties                  |
| B     | Almost oil cold pressed organic | Prunus Amygdalus Dulcis Oil            | 54.75 | Gustavheess                                  |
|       | Tocoblend L70                   | Tocopherol, Healianthus Annuus Extract | 0.05  | Vitablend, BARENTZ                           |
|       | Dry Memories                    | Frangrance                             | 0.30  | Luzi Fragrances compounds, Matis Specialties |
| C     |                                 | Lactic Acid (80%)                      | qsp   |                                              |

### Procedure

1. Disperse Sisterna PS750-C into the glycerin. Add other ingredients of phase A and heat to 75°C.
2. Mix ingredients of phase B separately and heat to 75°C.
3. Add phase B to phase A very slowly while homogenising.
4. Cool down to 40°C and add phase C.

### Properties

pH = 7.2 adjusted with lactic acid at 80%  
Appearance = Thick yellowish gel.

STAND NUMBER  
**N60**

**CATEGORY:** Surfactants, foaming agents, Soap bases, syndets

**INGREDIENT BENEFITS:** Cleansing

**TYPE:** Functional ingredient, Haircare, Skincare

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

**EMAIL:** [lucas.ng@klkoleo.com](mailto:lucas.ng@klkoleo.com)

Uncover the Advantages of SYMPARE MES: A mild and environmentally friendly surfactant curated to deliver luxurious hair washing and after-wash experiences.

- As a natural, skin-friendly surfactant, it gently cleanses hair and deposits emollients that improve smoothness, manageability, and shine.
- It enhances viscosity in formulations, enabling easy spreading through the hair while delivering excellent foam performance.
- It is a sulphate-free and 1,4-dioxane-free surfactant.

SYMPARE MES: Emollient-Enhanced  
Clear Hair Shampoo

| PHASE | INGREDIENT                           | INCI NAME                                      | % W/W             | SUPPLIER |
|-------|--------------------------------------|------------------------------------------------|-------------------|----------|
| A     | Water A                              | Water                                          | 60.00             |          |
|       | Guar Hydroxypropyltrimonium Chloride | Guar Hydroxypropyltrimonium Chloride           | 0.30              |          |
|       | Citric Acid                          | Citric Acid                                    | q.s.              |          |
|       | Cocamidopropyl Betaine (30%)         | Cocamidopropyl Betaine (30%)                   | 6.40              |          |
|       | TENSAGEX SLES*                       | Sodium Laureth Sulfate (70%)*                  | 12.70             | KLK OLEO |
|       | SYMPARE MES90*                       | Sodium Methyl 2-Sulfopalmitate/Stearate (90%)* | 10.00             | KLK OLEO |
|       | Emollient                            | Emollient                                      | 1.2 - 5.0         |          |
|       | Sodium Hydroxide (1M)                | Sodium Hydroxide (1M)                          | q.s.              |          |
|       | Sodium Chloride                      | Sodium Chloride                                | not more than 1.0 |          |
|       | Water B                              | Water                                          | to 100            |          |

Procedure

1. In a mixing vessel, heat water A to 50 °C. Slowly add guar hydroxypropyltrimonium chloride, stirring gently until it fully dissolves. Adjust the pH to 3–5 by adding about 0.1% wt of 50% citric acid. Keep stirring until the cloudy solution becomes slightly clearer.
2. Slowly add cocamidopropyl betaine while stirring. Once it is fully dissolved, add TENSAGEX SLES and stir until completely dissolved. Then, add SYMPARE MES90 and keep stirring.
3. Lower the temperature to 40 °C and stop heating. Gradually mix in the preferred emollient with constant stirring.
4. If necessary, add heat-sensitive additives such as preservatives, fragrances, or active ingredients.
5. Adjust the final pH to 5.5–6.5 using sodium hydroxide and top up with water B to reach 100% wt.

SYMPARE MES90 combined with Cocamidopropyl betaine typically provides good viscosity for a standard shampoo formulation. If further viscosity adjustment is needed, sodium chloride can be added, but no more than 1%. Adding more than 1% wt sodium chloride can lead to long-term instability, causing the shampoo to become cloudy over time.

Properties

pH = 5.5 - 6.5  
Viscosity (mPas.s)\*\* = 5000 - 7000 mPa.s  
Stabilit = Passes 2 months @ 25 °C  
\*\* Anton Paar MCR Rheometer, Corn-Plate system,  
D: 40 mm, Angle: 0.3 °, shear rate 0.01 s-1, at 25 °C

# KOEL COLOURS PVT LTD

## ALTERED PIGMENTS

**CATEGORY:** Colourants, dyes, pigments

**INGREDIENT BENEFITS:** Not applicable

**TYPE:** Functional ingredient, Toiletries

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

**EMAIL:** [harshil@koelcolours.com](mailto:harshil@koelcolours.com)

Water dispersible, dust free coloured pigments are a cutting-edge technology revolutionizing the pigment industries. Designed for ease of use and exceptional performance, these premium pigments offer vibrant, longlasting colour without compromising on safety or aesthetics. Transform your creations with our Water Dispersible, Dust-Free Coloured Pigments — the perfect choice for formulators looking to add a splash of colour while maintaining quality and safety. Unleash your creativity and bring your personal care products to life!

## Altered Pigments - Soap Formulation

| PHASE | INGREDIENT       | INCI NAME                           | % W/W | SUPPLIER |
|-------|------------------|-------------------------------------|-------|----------|
| A     | Stearic Acid     | Stearic Acid                        | 8.2   |          |
|       | Coconut Oil      | Coconut Oil                         | 17    |          |
|       | Castor Oil       | Castor Oil                          | 11    |          |
|       | Sunflower Oil    | Sunflower Oil                       | 10    |          |
|       | Glycerine        | Glycerine                           | 20    |          |
|       | Propylene Glycol | Propylene Glycol                    | 10.5  |          |
| B     | Sodium Hydroxide | Sodium Hydroxide                    | 10    |          |
|       | Distilled Water  | Distilled Water                     | 10    |          |
| C     | Triethanolamine  | Triethanolamine                     | 3     |          |
| D     | Colour           | Water Dispersible Coloured Pigments | 0.1   |          |
|       | Perfume          | Perfume                             | 0.2   |          |

### Procedure

1. Weigh Phase A in beaker and heated up to 70-80°C.
2. Make Dye Solution - Take water in separate beaker and add sodium chloride
3. Add dye solution in phase A slowly on 80°C & mix well.
4. Add triethanolamine after 15 minute and mix well under heating temperature.
5. Add Colour & perfume and pour into mold and keep it for 3-4 hours without disturbance

### Properties

Effortless Dispersion  
Dust-Free, Safer Handling  
Eco-friendly Solutions  
Superior Stability  
Consistent High Quality Results  
Minimized Waste

STAND NUMBER  
**D10**

**CATEGORY:** Emulsifiers, co-emulsifiers, Plant extracts, Silicones

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Skincare

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

**EMAIL:** [s.guillotin@lessonia.com](mailto:s.guillotin@lessonia.com)

ALTER-EMULGEL is a 100% natural, plant-based emulsifier with a silicone-like feel. Unlike most natural emulsifiers, it undergoes no chemical processing and is derived from sustainably harvested Konjac root and African birch through eco-friendly extraction. Ideal for gel-like emulsions and cream gels, a sensory study showed that ALTER-EMULGEL delivers results similar to, or even better than, acrylate-based emulsifiers, especially in glide and softness. At 1.3% concentration, it creates stable oil-in-water emulsions, from fluid to thick textures without greasiness. It is stable at pH 3-6 and complies with ISO 16128, COSMOS, and China standards.

# Lubrizol

## Novemer™ CS polymer

STAND NUMBER

# M10

**CATEGORY:** Rheology modifiers, thickeners

**INGREDIENT BENEFIT:** Not applicable

**TYPE:** Functional ingredient, Skincare, Decoratives

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

**EMAIL:** [samuel.tung@lubrizol.com](mailto:samuel.tung@lubrizol.com)

Easy-to-use, versatile liquid polymeric emulsifier and emulsion stabilizer that helps to create a wide range of textures, from low to high viscosity gels and emulsions. It brings amazing clarity to gels, and it is highly compatible with pigments for sun care and makeup formulas providing transfer and sweat resistance with enhanced coverage. Suitable for skin care, sun care and makeup applications.

- Polymeric emulsifier\* up to 30% oil loading
- Pigment compatibility with mineral UV filters & makeup pigments, especially ZnO
- Watery and refreshing sensory with a smooth spreading

\*Depending on the type of oil & formulation

# Lucas Meyer cosmetics by Clariant

Pickmulse™

**CATEGORY:** Emulsifiers, co-emulsifiers

**INGREDIENT BENEFITS:** Not applicable

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [www.lucasmeyercosmetics.com/en/showroom](http://www.lucasmeyercosmetics.com/en/showroom)

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

Pickmulse™ is the first organic quinoa starch-based ingredient allowing easy formulation of Pickering emulsions with outstanding sensory skin feel.

Cold-processed, Pickmulse™ is the next generation of emulsifier that helps formulators to easily develop powdery-soft supple surfactant-free textures with a strong and quick stability assurance. It was proven to form an invisible long-lasting protection on the skin, and to elevate the sensory experience, promoting a sense of well-being with neuroscience fMRI results.

Hot-processed, it efficiently encapsulates and protects lipophilic ingredients, and enhances sensoriality. Pickmulse™ offers a 2-in-1 innovative solution to formulators, for a global balance between formula, skin and mind!

## Fresh Cloud Cream

| PHASE | INGREDIENT      | INCI NAME                                               | % W/W | SUPPLIER                          |
|-------|-----------------|---------------------------------------------------------|-------|-----------------------------------|
| A     | Deionized Water | Water                                                   | 81.25 | -                                 |
|       | Euxyl™ PE9010   | Phenoxyethanol (and) Ethylhexylglycerin                 | 1.00  | Ashland                           |
| B     | Pickmulse™      | Sodium Starch Octenylsuccinate                          | 4.00  | Lucas Meyer Cosmetics by Clariant |
| C     | Zemea®          | Propanediol                                             | 2.00  | Dupont Tate & Lyle Bioproducts    |
| D     | Saboderm TCC    | Caprylic/Capric Triglyceride                            | 10.00 | Sabo                              |
|       | Sun® E1000      | Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil | 0.05  | AOM                               |
| E     | Aristoflex® AVC | Ammonium Acryloyldimethyltaurate/VP copolymer           | 0.70  | Clariant                          |
| F     | Corneopeptyl™   | Glycerin (and) Water (and) Hexapeptide-9                | 1.00  | Lucas Meyer Cosmetics by Clariant |

### Procedure

1. Weigh phase A.
2. Sprinkle B under maximum stirring (rotor-stator homogenizer) and maintain under maximum stirring for 10 min.
3. Add C under medium stirring for a few minutes until homogeneous.
4. Emulsify by pouring D into ABC under maximum stirring (rotor stator homogenizer) for 10 min.
5. Add E under tooth propeller at 800 rpm and keep stirring until the gel is fully developed.
6. Add F and mix under medium stirring until homogeneous.

### Properties

Formula Specifications at Day 1:  
Aspect = thick, white cream  
Viscosity = (Brookfield LV, 25°C, spindle 4, 6 rpm, 1 min): 70 000 - 80 000 cPs  
pH = 6.0 - 7.0  
Preservative efficacy test = passed

Stability tests:  
On lab batch, up to 3kg  
Up to 1 month at 50°C  
Up to 3 months at: Room Temperature, 4-8°C and 45°C  
Temperature Cycle (24h 4°C / 24h 45°C - 2 weeks)  
Centrifugation (3000 rpm, 20 min)  
Vibrating table (400 rpm, 4h)  
Pilot Batch 38kg

STAND NUMBER  
**J40**

**CATEGORY:** Preservatives, preservative boosters

**INGREDIENT BENEFIT:** Not applicable

**TYPE:** Functional ingredient, Skincare, Haircare

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

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

NaturGuard PETG has been specially formulated by Moksha to address the inadequacies in current popular preservative systems.

NaturGuard PETG can be used as a single, standalone preservative in a wide range of Personal care formulations by providing strong wide spectrum activity at a wide pH range from 3.0 to 10.0.

The performance of the preservative system does not get affected by the pH and this eliminates the need for a co-preservative.

- Standalone single Preservative System (no need for co-preservative)
- Fully water soluble
- Most cost-effective standalone preservative on the market

# Neochem Korea Co., Ltd.

## Sunstopper™ SCR

**CATEGORY:** UV filters, SPF boosters

**INGREDIENT BENEFITS:** UV protection

**TYPE:** Functional ingredient, Suncare, Skincare

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

**EMAIL:** [info@nckorea.net](mailto:info@nckorea.net)

### “3 Free” of Sunstopper™ SCR

- Free from difficult application (Water dispersible, Easy to use)
- Free from recrystalization of UV filters (Triple layer structure, Well dispersed)
- Free from coral reef issue, controversial ingredient (Better for eco and skin)

## Neo Chem Sun SCR#2

| PHASE | INGREDIENT                         | INCI NAME                                                                                                                                                                                                                                                                                                          | % W/W   | SUPPLIER       |
|-------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| A     | Purified Water                     | Water                                                                                                                                                                                                                                                                                                              | 36.4300 | Neo Chem Korea |
|       | PALMERA G995U(Glycerine USP 99.5%) | Glycerine                                                                                                                                                                                                                                                                                                          | 7.0000  | Neo Chem Korea |
|       | Aristoflex® AVC                    | Ammonium Acryloyldimethyltaurate/VP Copolymer                                                                                                                                                                                                                                                                      | 0.4200  | Neo Chem Korea |
|       | L-Arginine                         | Arginine                                                                                                                                                                                                                                                                                                           | 0.3500  | Neo Chem Korea |
|       | DJ diol-6 300(1,2-Hexanediol)      | 1,2-Hexanediol                                                                                                                                                                                                                                                                                                     | 2.0000  | Neo Chem Korea |
| B     | PolyAqual™ 2W                      | Polyglyceryl-2 Stearate, Glyceryl Stearate, Stearyl Alcohol                                                                                                                                                                                                                                                        | 1.4000  | Hanjoo C&C     |
|       | ALMAX 2070(GMS-105)                | Glyceryl Stearate                                                                                                                                                                                                                                                                                                  | 0.3500  | JJ Chem        |
|       | PURIOL-BOS                         | Butyloctyl Salicylate                                                                                                                                                                                                                                                                                              | 10.5000 | IDLK           |
|       | CK-DBA®                            | Dibutyl Adipate                                                                                                                                                                                                                                                                                                    | 3.5000  | CIDOLS KOREA   |
|       | KALCOL 6870P                       | Cetearyl Alcohol                                                                                                                                                                                                                                                                                                   | 1.0500  | JJ Chem        |
| C     | PUROX T55PO                        | Titanium Dioxide, Aluminum Hydroxide, Stearic Acid, Hydrogenated Poly(C6-14 Olefin), Polyhydroxystearic Acid                                                                                                                                                                                                       | 7.0000  | Neo Chem Korea |
| D     | Sunstopper™ SCR                    | Water, Dibutyl Adipate, C12-15 Alkyl Benzoate, Glycerin, Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine, Ethylhexyl Triazone, Diethylamino Hydroxybenzoyl Hexyl Benzoate, Inulin Lauryl Carbamate, Hydrolyzed Lecithin, 1,2 -Hexanediol, Caprylyl/Capryl Glucoside, Polyglyceryl-6 Oleate, Sodium Cocoyl Glutamate | 30      | Neo Chem Korea |

### Procedure

1. Heat phase A to 80°C and then dissolve
2. Heat phase B to 80°C and then dissolve
3. Mix phase A with phase B and Heat up to 80C(Emulsify)
4. Cool Down under agitation(up to 45°C)
5. After adding phase C to the main kettle, homogenize 5 minutes(45°C)
6. After adding phase D to the main kettle, homogenize 5 minutes(40°C)
7. Cool Down under agitation(up to 30°C)

### Properties

Appearance = Cream  
Specific Gravity(d20/20) = 1.00 ± 0.05  
pH (25°C) = 6.00 ± 1.00  
Viscosity (By Brookfield Viscometer, DV1MLVTJ0) (25°C) = 45,000 ± 15,000 Cps (S-07, 20rpm, 1 min, 25°C)

STAND NUMBER  
**V30I**

**CATEGORY:** Emollients, lipids, petrolatum, Film formers, styling agents, Conditioning agents, Emulsifiers, co-emulsifiers, Solubilizers, dispersing agents

**INGREDIENT BENEFITS:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Decoratives

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

**EMAIL:** [arthur.tan@oleon.com](mailto:arthur.tan@oleon.com)

Oleon’s Radiastar 1436 is a multi-branched Guerbet alcohol with distinctive properties. Its branched structure allows it to remain liquid at room temperature, which is remarkable for a C36 carbon chain molecule. Coupled with its unique skin feel, excellent oxidation stability, low pour point, and superior pigment dispersion, Radiastar 1436 serves as an exceptional emollient for a wide array of color cosmetic and personal care formulations.

- Excellent texturizer
- Color dispersing agent
- Film forming agent

Wild Cherry Glow Lip Stain

| PHASE | INGREDIENT                 | INCI NAME                                                                                | % W/W | SUPPLIER         |
|-------|----------------------------|------------------------------------------------------------------------------------------|-------|------------------|
| A     | Radia 7798                 | Propylene Glycol Diheptanoate (and) Hydrogenated Dilinoleyl Alcohol (and) Ethylcellulose | 41.02 | Oleon            |
|       | Radiastar 1436             | Isocetyl Isoarachidol                                                                    | 10    | Oleon            |
|       | Cire de riz                | Oryza Sativa (Rice) Bran Wax                                                             | 3.5   | Aroma-Zone       |
|       | Radia 7747                 | Myristyl Stearate                                                                        | 3     | Oleon            |
|       | Lucee Btr Shea R           | Butyrospermum Parkii (Shea) Butter                                                       | 1     | Oleon            |
|       | Jolee 7181                 | Pentaerythrityl Tetraisostearate                                                         | 9     | Oleon            |
|       | Jolee 7750                 | Isoamyl Laurate                                                                          | 5     | Oleon            |
| B     | Unipure Red LC 304         | CI 15850 (Red 6 Lake)                                                                    | 0.61  | Sensient Beauty  |
|       | Yellow No. 5 FD&C Lake     | CI 19140 (Yellow 5 Lake)                                                                 | 0.218 | Making Cosmetics |
|       | BBO-NJE2                   | CI 77499 (Black 11) (and) Jojoba Esters                                                  | 0.352 | Kobo Products    |
| C     | Radianol 1990              | Hydrogenated Dilinoleyl Alcohol                                                          | 25    | Oleon            |
|       | DL-α-Tocopherol acetate    | Tocopheryl Acetate                                                                       | 0.7   | Sigma            |
|       | Extrait aromatique naturel | Parfum (Fragrance)                                                                       | 0.6   | Aroma-Zone       |

Procedure

1. Blend Phase A ingredients, and heat to 75°C.
2. Once the mixture has reached the temperature, add Phase B and mix with the Ultra-Turrax at 8000 RPM during 3 minutes.
3. Let cool down while mixing with overhead stirrer.
4. Add Phase C ingredients when mixture is at 40°C and mix slowly to avoid foaming.

Properties

Glossy lip stain with a nice homogeneous and long-lasting pigmentation.

**CATEGORY:** Oils, butters, Emollients, lipids, petrolatum, Conditioning agents

**INGREDIENT BENEFIT:** Moisturizing, hydrating

**TYPE:** Functional ingredient, Haircare, Skincare

**WEBSITE:** [www.seiwakasei.jp/en](http://www.seiwakasei.jp/en)

**EMAIL:** [sales@seiwakasei.co.jp](mailto:sales@seiwakasei.co.jp)

“Vistanol GDHR-Pure” is 100% plant-derived alternative oil. The texture and property is very similar to lanolin in terms of excellent glossiness and emollient. In addition, we have new data showing that Vistanol GDHR-Pure gives Dimethicone-like texture at lower dosage in hair care application. On top of that, the handling property is very nice; less odor, less color, no solidification. Enjoy the unique texture and effect of this fascinating oil.

- Botanical Lanolin
- Botanical Dimethicone
- 100% natural material origin / IOC=1

# SHANGHAI CO-FUN BIOTECH CORP.,LTD

## SG Brightening Cream Foundation

**CATEGORY:** Antioxidants, Colourants, dyes, pigments

**INGREDIENT BENEFITS:** Antioxidant

**TYPE:** Functional ingredient, Decoratives

**WEBSITE:** [www.uni-powder.com](http://www.uni-powder.com)

**EMAIL:** [katharine.liu@uni-powder.com](mailto:katharine.liu@uni-powder.com)

This product uses Dual-layer coating technology to achieve an antioxidant base makeup

- 1. Patent green Ingredients, COSMOS APPROVED Colorants, Dual-Layer Coating, Wet Process for Fine, Smooth, and Adherent Texture;
- 2. Includes 6-9 μm Silica for Oil Control Without Dryness;
- 3. Composite Color Powders with Zero Color Difference, Stable and Non-Dullcluding spaces

## SG Brightening Cream Foundation

| PHASE | INGREDIENT                           | INCI NAME                                                                                   | % W/W  | SUPPLIER   |
|-------|--------------------------------------|---------------------------------------------------------------------------------------------|--------|------------|
| A     | KF-6038                              | Lauryl PEG-9 Polydimethylsiloxane / Tocopherol (Vitamin E)                                  | 1      |            |
|       | ABIL EM90                            | Cetearyl PEG/PPG-10/1 Dimethicone                                                           | 2      |            |
|       | Synthetic Squalane Parleam           | Hydrogenated Polyisobutene, Tocopherol (Vitamin E)                                          | 4      |            |
|       | Antaron V-216                        | VP/Hexadecene Copolymer                                                                     | 1.5    |            |
|       | GTCC                                 | Caprylic/Capric Triglyceride                                                                | 4      |            |
|       | Fomblin HC 04                        | Perfluoromethylisopropyl Ether                                                              | 2      |            |
|       | VE                                   | Tocopherol (Vitamin E)                                                                      | 1      |            |
|       | Dow Corning® 9040 Silicone Elastomer | Cyclopentasiloxane / Dimethicone Crosspolymer                                               | 4      |            |
|       | SP-1020P                             | Ozokerite Wax: Paraffin, Microcrystalline Wax, Ethylene/Propylene Copolymer, Polyethylene   | 0.5    |            |
|       | Ozokerite wax                        |                                                                                             |        |            |
|       | ISODODECANE                          | Isododecane                                                                                 | 5      |            |
| B     | BT-001                               | Disteardimonium Hectorite                                                                   | 0.3    | Uni-Powder |
|       | SG2706                               | CI 77891, CI 77491, CI 77492, CI 77499, Mica, Sodium Stearoyl Glutamate, Aluminum Hydroxide | 12     | Uni-Powder |
|       | UNI-Sil 901                          | Silica                                                                                      | 1      | Uni-Powder |
| C     | Deionized Water                      | Water                                                                                       | To 100 |            |
|       | Sodium Hyaluronate (Hybloom™ HA-T)   | Sodium Hyaluronate                                                                          | 0.05   |            |
|       | Magnesium Sulfate Heptahydrate       | Magnesium Sulfate                                                                           | 1      |            |
|       | Microcare PEHG                       | Phenoxyethanol / Ethylhexylglycerin                                                         | 0.8    |            |
|       | KIK Oleo G995U Glycerin USP 99.5%    | Glycerin                                                                                    | 10     |            |
|       | 1,3 Butylene Glycol                  | Butylene Glycol                                                                             | 25     |            |

### Properties

Odor = Slight or characteristic odor.  
Non-volatile matter = ≥ 98.0%  
particle size = Average particle size ≈300nm  
Burning residuals = wt%≥ 95.0%  
Crystal structure = Rutile type  
Dispersion ability =Dispersible in oil, not dispersible in water.

STAND NUMBER  
**X80**

# Shanghai OLI Enterprises Co., LTD.

OLP-3100 Cellpolypid® Zinc Oxide

CATEGORY: UV filters, SPF boosters

INGREDIENT BENEFITS: UV protection

TYPE: Functional ingredient, Suncare

WEBSITE: [www.olibio.com](http://www.olibio.com)

EMAIL: [wenjun.lin@olibio.com](mailto:wenjun.lin@olibio.com)

OLP-3100 Cellpolypid® Zinc Oxide is a non-nano zinc oxide with dual organic coatings. The primary surface treatment agent is Polyquatemium-61, a copolymer of MPC and octadecyl methacrylate. Its structure is similar to that of phospholipids in cell membranes, giving it unique affinity to skin and excellent performance in film-forming and dispersibility. It reduces the aggregation and gives the powder outstanding features:

- 1. Similar to nano Sunscreen Zinc Oxide
- 2. Easy to disperse and good skin feel
- 3. Physical sun-protection suitable for sensitive skin and children
- 4. Environmentally friendly

## Kids Watery Advanced Care Sunscreen Lotion

| PHASE | INGREDIENT             | INCI NAME                                                | %WW   | SUPPLIER |
|-------|------------------------|----------------------------------------------------------|-------|----------|
| A1    | Uvinul T150            | ETHYLHEXYL TRIAZONE                                      | 2.00  |          |
|       | GLTMOR® DHBT           | DIETHYLHEXYL BUTAMIDO TRIAZONE                           | 7.00  |          |
|       | Ucesoft BGCC           | BUTYLENE GLYCOL DICAPRYLATE/ DICAPRATE                   | 1.50  |          |
|       | Ucesoft NGC            | NEOPENTYL GLYCOL DICAPRATE                               | 1.50  |          |
|       | TN                     | C12-15 ALKYL BENZOATE                                    | 11.00 |          |
| A2    | KF 6017                | PEG-10 DIMETHICONE                                       | 3.00  |          |
|       | R972                   | SILICA DIMETHYL SILYLATE                                 | 0.30  |          |
|       | BENTONE 38VCG          | DISTEARDIMONIUM HECTORITE                                | 0.50  |          |
|       | PMX-0245               | CYCLOPENTASILOXANE                                       | 12.00 |          |
|       | LANOL 99               | ISONONYL ISONONANOATE                                    | 2.00  |          |
|       | KSP-101                | VINYL DIMETHICONE/METHICONE SILSESQUIOXANE CROSSPOLYMER  | 1.00  |          |
|       | SUNSIL-150H            | SILICA                                                   | 2.00  |          |
|       | IP CLEAN LX            | ISODODECANE                                              | 8.00  |          |
|       | OLP-3100               | ZINC OXIDE & POLYQUATERNIUM-61 & TRIETHOXYCAPRYLYLSILANE | 6.00  | OLI      |
| B     | WATER                  | WATER                                                    | 33.00 |          |
|       | GLYCERIN               | GLYCERIN                                                 | 4.00  |          |
|       | 1,3 BUTYLENE CLYCOL    | BUTYLENE GLYCOL                                          | 2.00  |          |
|       | Cellpolypid®-PMB 8100E | WATER & POLYQUATERNIUM-51 & 1,2-HEXANEDIOL               | 2.00  | OLI      |
|       | SODIUM CHLORIDE(NACL)  | SODIUM CHLORIDE                                          | 0.70  |          |
| C     | PHENOXYETHANOL         | PHENOXYETHANOL                                           | 0.50  |          |

### Procedure

- 1. Add phase A1 to dissolve it into a transparent particle-free item, and mix it well with phase A2, heat to the target 85 °C, and keep warm;
- 2. Add phase B raw materials to the clean container, turn on stirring and heating, target 85 °C, stir until completely dissolved;
- 3. The main pot turns on the vacuum and low-speed homogenization, slowly draws in the raw materials of phase B, and after

- all phase B is added to the main pot, the high-speed homogenization is turned on, and the temperature is cooled after emulsification for 7 minutes;
- 4. At about 40 °C, add phase C raw materials and homogenize at low speed for 3 minutes.

### Property

White lotion

STAND NUMBER

N50

# SHARON PERSONAL CARE

## Sharon AquaVita®

STAND NUMBER

# L11

**CATEGORY:** Active ingredients, Preservatives, preservative boosters

**INGREDIENT BENEFIT:** Improve skin barrier function

**TYPE:** Functional ingredient, Haircare, Skincare

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

**EMAIL:** [liort@sharonpc.com](mailto:liort@sharonpc.com)

Sharon Aquavita™ line embodies the innovative forefront of preservative systems, connecting efficacy, multifunctionality and sustainability.

As the personal care industry evolve towards scientifically proven multifunctionality, Sharon Aquavita™ line is the first and only vitamin-based multifunctional preservation system resulting from the search for new synergies. Sharon Aquavita™ brings you the future of preservation: a globally approved, broad spectrum multifunctional preservation system with proven skin benefits.

Protecting the FORMULA - Benefiting the SKIN.

- Hydro-soluble, Broad spectrum protection
- Clinically tested & Microbiome friendly
- Sustainable design, Eco-conscious

# Shell MDS (M) Sdn Bhd

## Shell GTL SaraCare

**CATEGORY:** Formulation bases, Rheology modifiers, thickeners, Emollients, lipids, petrolatum, Waxes, structuring agents, elastomers

**INGREDIENT BENEFITS:** Water resistance

**TYPE:** Functional ingredient, Decoratives, Skincare

**WEBSITE:** [www.shell.com.my/smds](http://www.shell.com.my/smds)

**EMAIL:** [SMDS-Corporate-Relations@shell.com](mailto:SMDS-Corporate-Relations@shell.com)

Shell GTL SaraCare is a premium wax derived from natural gas. Being essentially a gas-to-liquid (GTL) product, it has high purity, contains zero sulphur and is virtually free from nitrogen, aromatics, and heavy metals. The purity and stability of Shell GTL SaraCare offer superior performance as rheology modifiers, skin feel modifiers, waterproof, wear resistance, structuring agents and binding agents, making Shell GTL SaraCare a suitable component in formulation to manufacture personal care, cosmetics, and petroleum jelly.

- 1. High purity wax
- 2. Contains zero sulphur
- 3. Free from nitrogen, aromatics and heavy metals

## Shell GTL SaraCare

| PHASE | INGREDIENT         | INCI NAME    | % W/W | SUPPLIER |
|-------|--------------------|--------------|-------|----------|
| A     | Shell GTL SaraCare | Sythetic Wax | 100%  | SMDS     |

### Properties

|               | Drop Melting Point, °C | Oil Content, % | Penetration (0.1 mm) | Kinematic Viscosity, mm/s |
|---------------|------------------------|----------------|----------------------|---------------------------|
| SaraCare 300  | 54 - 60                | 1.8-2.2        | 11-14 (25°C)         | -                         |
| SaraCare 400  | 62 - 68                | 1.5-1.7        | 17-21 (25°C)         | -                         |
| SaraCare 500  | 70 - 76                | 0.4-0.6        | 12-16 (25°C)         | 5.5-6.5 (100°C)           |
| SaraCare 600  | 90 - 100               | <0.3           | 4-6 (25°C)           | 6-7 (120°C)               |
| SaraCare 800  | 98 - 104               | <0.1           | 3 - 5 (65°C)         | 6-9 (130°C)               |
| SaraCare 1000 | 113 - 118              | <0.1           | 4-6 (65°C)           | 18-21 (130°C)             |

STAND NUMBER  
**H60**

# SNF

## NATURSOL™ EMI Lite

STAND NUMBER

# K89

**CATEGORY:** Rheology modifiers, thickeners

**INGREDIENT BENEFIT:** Not applicable

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [personalcare.snf.com](https://personalcare.snf.com)

**EMAIL:** [vbillebaud@snf.com](mailto:vbillebaud@snf.com)

NATURSOL™ EMI Lite is a readily biodegradable rheology modifier.

This inverse emulsion polymer combines lightweight texture and stabilizing performance with a naturality index of up to 78%, providing texture while remaining eco-conscious.

- Readily biodegradable
- Cold processable
- Lightweight texture

# Spec-Chem Industry Inc.

SpecBio® SL-Active/Cleansing

**CATEGORY:** Bio-fermentation ingredients, Surfactants, foaming agents, Anti-microbial agents, Solubilizers, dispersing agents, Active ingredients

**INGREDIENT BENEFITS:** Cleansing

**TYPE:** Functional ingredient, Skincare, Haircare

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

**EMAIL:** [sales02@specchemind.com](mailto:sales02@specchemind.com)

SpecBio® SL Series(SpecBio® SL-Active/Lactone sophorolipids and SpecBio® SL-Cleansing/Acid sophorolipids) is a bio-surfactant, fermentation process, the microbial secondary metabolites: safe, green, readily biodegradable, low carbon footprint, eco-friendly, sustainable.

SpecBio® SL Series has the good surface activity, non-sulfate, EO free, green alternatives to synthetic surfactants, meanwhile, it is a multifunctional ingredient, the following benefits: mild, protect and repair skin barrier, sebum-control, antibacterial, anti-inflammatory and soothing, cleaning capability, moisturizing, combing performance and anti-frizz, assist in dandruff removal.

SpecBio® SL Series can be used for personal care, home care, oral care and different detergent, and so on.

## Cleansing Mousse

| PHASE | INGREDIENT                   | INCI NAME                                                  | % W/W  | SUPPLIER  |
|-------|------------------------------|------------------------------------------------------------|--------|-----------|
| A     | Water                        | Water                                                      | To 100 |           |
|       | EDTA 2Na                     | Disodium EDTA                                              | 0.05   |           |
|       | Glycerin                     | Glycerin                                                   | 3      | Spec-Chem |
|       | SpecSufc® APG0814            | Coco-Glucoside, Water                                      | 6      | Spec-Chem |
|       | SpecSufc® CAB                | Cocamidopropyl Betaine, Water                              | 8      | Spec-Chem |
| B     | SpecPure® BTS Saponins light | Camellia Sinensis Seed Extract                             | 0.5    | Spec-Chem |
|       | SpecBio® SL-Cleansing        | Glycolipids, Water                                         | 10     | Spec-Chem |
|       | SpecKare® NK2                | Dipotassium Glycyrrhizate                                  | 0.15   | Spec-Chem |
| C     | SpecKare® PO Liquid          | Piroctone Olamine, Caprylhydroxamic Acid, Propylene Glycol | 1      | Spec-Chem |
|       | Fragrance                    | Fragrance                                                  | 0.2    |           |

### Procedure

1. Mix Part A and heat to 85°C, stir until the system is uniform
2. Cool down to 45°C, add Part B, stir until the system is uniform
3. Add Part C, stir until the system is uniform and discharge

### Properties

Appearance = Brown transparent viscosity liquid  
pH = 5.8 ± 0.5

STAND NUMBER

H50

# WILMAR

## WILSILK Silicone Replacers | SMOOTH & ULTRA

STAND NUMBER

# E10

**CATEGORY:** Emollients, lipids, petrolatum

**INGREDIENT BENEFIT:** Exfoliating, resurfacing, smoothing

**TYPE:** Functional ingredient, Skincare

**WEBSITE:** [www.wilmar-international.com/oleochemicals](http://www.wilmar-international.com/oleochemicals)

**EMAIL:** [OleoMarketing@wilmar.com.sg](mailto:OleoMarketing@wilmar.com.sg)

Introducing WILSILK, our biodegradable, plant-based Cyclomethicone replacers. For the first time, plant-based emollients achieve truly comparable volatility, sensory and functional performance as Cyclomethicone, thanks to Wilmar's patented, Nobel prize winning technology and production process.

Available in 2 products, WILSILK Smooth and Ultra, WILSILK series offer silky smooth and feather-light feel that rival D5, applicable across hair care, skincare, make up, and suncare.

Besides a luxurious, smooth after-feel, WILSILK Smooth helps tames frizz, holds curls, and conditions hair, while WILSILK Ultra brings better dispersal to sunscreens and make-up – that's eco smart beauty at its best.

# WILMAR

## WILSOL SPF BOOSTER

STAND NUMBER

# E10

**CATEGORY:** Solubilizers, dispersing agents

**INGREDIENT BENEFIT:** UV protection

**TYPE:** Functional ingredient, Suncare

**WEBSITE:** [www.wilmar-international.com/oleochemicals](http://www.wilmar-international.com/oleochemicals)

**EMAIL:** [OleoMarketing@wilmar.com.sg](mailto:OleoMarketing@wilmar.com.sg)

Boost SPF by 3X, with Natural Ingredients.

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

Compatible with both organic and inorganic filters, WILSOL SPF Booster helps achieve stronger sun defense, while optimising filter formulation cost and safety benefits.