

Formulation Guide



2nd Edition

Innovacos is proud to introduce its new Formulation Guide, 2nd edition. We have developed various formulations highlighting the functionality of our Active and Formulience™ ingredients. Each formulation was thoroughly tested in temperature-accelerated conditions to ensure stability, robustness and reproducibility. Formulations described in this guide can thus be used as is or as a starting point to develop your own emulsions.

The guide is divided into two main sections: oil-in-water (O/W) emulsions and water-in-oil (W/O) emulsions made with our emulsifiers PolyAqual™ 2W and PolyAqual™ OS2, respectively. There is also a section for hair care. We also added reference tools such as the ingredient description with corresponding INCI names (pages 2-3) and lists of mechanisms of action, functions and cosmetic applications (page 4-5).

We are hopeful that the Formulation Guide will be a source of information for innovator formulation chemists.

Innovacos team



innovacos
ACTIVE

Biooptimized™ Guava

Senescence response

INCI: Propanediol (*and*) Psidium Guajava Leaf Extract (*and*) Saccharomyces Lysate Extract
– Inhibits senescence side effects
– Inhibits NFκB activation

ReGENESEAS™ LS

Cell rejuvenation | Epidermal reactivation

INCI: Glycerin (*and*) Water (*and*) Laminaria Saccharina Extract
– Anti-wrinkle
– Reverses effects of aging

**Activoil™
Spotless ZRO**

Technology White

INCI: Ribes Nigrum (*Black Currant*) Seed Oil, Octyldodecanol, Octyldodecyl Oleate, Octyldodecyl Stearoyl Stearate, Paeonia Suffruticosa Root extract, Rosmarinus Officinalis (*Rosemary*) Leaf Extract
– Skin luminescence – youth gain of 20 years
– Reduces appearance of age spots

**Activoil™
Echnidium ZRO**

A solution for PM2.5

INCI: Echium Plantagineum Seed Oil, Octyldodecanol, Octyldodecyl Oleate, Octyldodecyl Stearoyl Stearate, Cnidium Monnieri Fruit Extract, Rosmarinus Officinalis
– A lipophilic active
– Anti-pollution / PM2.5

**Activoil™
Kerox-Pro™**

Hair shield

INCI (Proposed): Raphanus Sativus (*Radish*) Seed Extract (*and*) Octyldodecyl Oleate (*and*) Octyldodecanol (*and*) Magnolia Officinalis Bark Extract (*and*) Rosmarinus officinalis (*Rosemary*) Leaf Extract
– Reduces UV-induced color fading
– Maintains cuticle ultrastructure integrity

Plant C•Stem™

Vigna radiata
A vacuolar extract of plant stem cells for UV damage repair

INCI: Glycerin (*and*) Water (*and*) Phaseolus Radiatus Extract
– Plant cell vacuole extract
– Rescues from UV-damage

innoPOM™

Reengineering pomegranate fruit active components

INCI: Punica Granatum Fruit Juice (*and*) Punica Granatum Extract (*and*) Maltodextrin (*and*) Lecithin
– Reengineered pomegranate
– Protects from UV-erythema

GinsenoLite™-G

Vital energy

INCI: Propanediol (*and*) Water (*and*) Panax Ginseng Root Extract
– Skin whitening
– Excellent safety profile, intimate care

PolyAqual™ 2W
Naturally emulsifying™



INCI: Polyglyceryl-2- Stearate (*and*) Glyceryl Stearate (*and*) Stearyl Alcohol

- Polyglycerol-based for O/W
- Self-emulsifying
- Repairs skin barrier function

PolyAqual™ OS2
Naturally emulsifying™



INCI: Polyglyceryl-2 Oleate (*and*) Polyhydroxystearic Acid (*and*) Polyglyceryl-2 Stearate

- Polyglycerol-based for W/O
- Cold-processable
- Unique skin feel

innollient™ LO
Of water and senses



INCI: Octyldodecyl Oleate (*and*) Octyldodecyl Stearyl Stearate (*and*) Polyhydroxystearic Acid (*and*) Octyldodecanol

- Improves spreadability index
- Pigment dispersion

innollient™ SL
Hydrifeelm™

INCI: Stearyl Linoleate (*and*) Stearyl Stearate (*and*) Polyhydroxystearic Acid (*and*) Stearyl Alcohol

- Hydrofeelm™
- Long lasting skin barrier action

Liceryl™-12
A functional approach to reduce skin irritation and protect skin barrier function

INCI: Glyceryl Linoleate (*and*) PEG-12 Oleate

- Solubilizer for clear gels
- Reduces surfactant irritation

Eceryl™-12
A functional approach to reduce skin irritation and protect skin barrier function

INCI: Glyceryl Erucate (*and*) PEG-12 Oleate

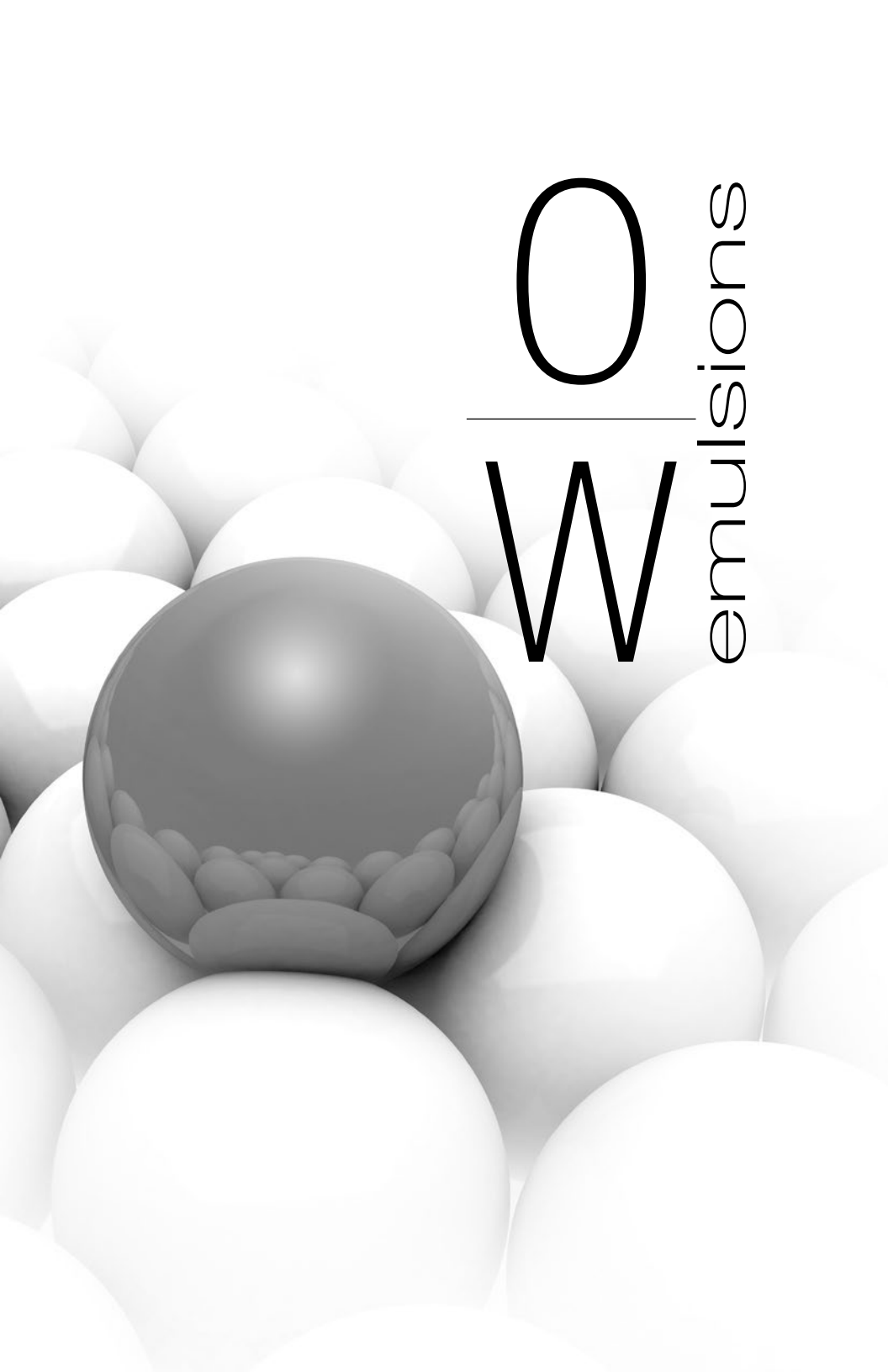
- Co-emulsifier, Solubilizer
- Maintains skin barrier function

Functions/Mechanisms

	REGENESBA® LS	Plant C-System® <i>Vigna radiata</i>	ImmoROM®	Activoli® Echinidum ZRO	Activoli® Spotless ZRO	Activoli® Kerax-Pro®	Biobitimized Gueva	Ginsengolite® G	PolyActual® 2W	PolyActual® OS2	Immollent LO	Immollent SL	Eceryl®-12	Liceryl®-12
Cell rejuvenation	■													
Collagen synthesis	■	■												
MMP inhibition	■	■												
Anti-tyrosinase				■			■							
Anti-erythema		■	■	■	■		■					■	■	
Anti-inflammation		■	■	■	■		■	■	■					
Anti-irritant				■								■	■	
Anti-oxidant	■		■		■	■								
Soothing action		■	■	■	■									
Barrier function	■		■	■				■		■	■	■	■	■
Emulsifier								■	■					
Spreadability index										■				
Film forming											■			
Pigment dispersion									■	■	■			
UV filters dispersion									■	■	■			
Solubilizer												■	■	
Hydrophilic emollient												■	■	
Mild co-surfactant												■	■	
Skin luminescence				■			■							
Skin resiliency		■								■	■			
Color fading					■									

Formulations/Applications

	REGENESEB [®] LS	Plant C [®] System [®] <i>Vigna radiata</i>	ImmoPOL [®]	Activoli [®] Echinidium ZRO	Activoli [®] Spatless ZRO	Activoli [®] Kerox-Pro [®]	Bioblitzim [®] Guava	PolyActual [®] Lite [®] G	PolyActual [®] 2W	InnoIlliant [®] OS2	InnoIlliant [®] LO	Ecery [®] SL	Licery [®] SL
Anti-aging	■	■	■	■		■	■						
Anti-wrinkle	■												
Anti-senescence							■						
Face care	■	■	■	■	■	■	■	■	■	■	■	■	■
Body care	■	■	■	■	■	■	■	■	■	■	■	■	■
Hair care				■	■		■		■	■	■	■	■
Sun care		■	■	■	■	■	■	■	■	■	■		
Lip care							■	■	■	■			
Day cream	■	■	■	■	■	■	■	■	■	■	■	■	■
Night cream	■	■	■	■		■	■	■	■	■	■	■	■
Toiletries				■	■		■					■	■
Face cleanser				■								■	■
Hand cleanser				■	■							■	■
Clear system												■	■
Make up remover							■	■	■	■	■	■	■
Gel							■						■
Hydration	■		■	■			■	■	■	■	■	■	■
UV damage repair		■	■	■	■	■	■						
Anti pollution		■		■	■	■							
Age/Dark spots				■									
Skin illuminator				■			■						
Skin whitening							■						
Intimate care							■					■	■
Green Formulation	■	■	■	■	■	■	■	■	■	■			



W/O emulsions



The emulsifier that stands out

- O/W self-emulsifying properties
- High level of robustness
- Superior sensoriality
- Maintains and repairs skin barrier integrity



Patented technology



PolyAqual™ 2W Water Milk

Reference: FD 17-34-04

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
PHASE B		
Polyglyceryl-2 Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
PHASE C		
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	1.00	Emollient
PHASE D		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	0.50	Active Ingredient
PHASE E		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 03, 20 rpm 1000 – 3000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and warm it up to 75 - 80°C;
- Disperse phase B in the water phase using a suitable dispersion unit and then homogenize for a few minutes;
- Warm phase C up to 60-65°C;
- Add phase C in phase A+B and homogenize for a few minutes;
- Cool down under gentle stirring;
- Add phase D and phase E below 40°C.

The mentioned formulation has been developed in order to give general directions for the employment of our ingredients. The information set forth here in is furnished free of charge and is based on technical data that we believe to be reliable. We make no warranties and assume no liability in connection with any use of this information.

Serum Visage

Reference: FD 17-20C

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Tetrasodium Glutamate Diacetate	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.50	Emulsifier
PHASE C		
Tapioca Starch	0.50	Thickener – Sensorial Modifier
PHASE D		
Dicaprylyl Ether	1.50	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	1.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	1.50	Emollient
Propylheptyl Caprylate	1.00	Emollient
PHASE E		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	2.00	Active Ingredient
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm 2500 – 5000 cps		pH (100%) 5.0 – 7.0

Procedure:

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

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Youth Elixir Serum

Reference: FD 17-30-01

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Disodium EDTA	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	1.00	Emulsifier
PHASE C		
Sodium Hyaluronate	0.20	Active Ingredient
PHASE D		
Sodium Polyacrylate	0.40	Thickener
Tapioca Starch	0.50	Thickener
PHASE E		
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
PHASE F		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	2.00	Active Ingredient
Aloe Barbadensis Leaf Juice	2.00	Active Ingredient
PHASE G		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm 1500 – 3000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and warm it up to 75°C;
- Disperse phase B in the water phase using a suitable dispersion unit and then homogenize for a few minutes;
- Add phase C and homogenize until complete powder dispersion;
- Add phase D and homogenize until complete powder dispersion;
- Add phase E to phase A+B+C+D and homogenize for a few minutes;
- Cool down to 40°C and add phases F and G under gentle stirring.

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Senescence Response

Reference: FD 21 - 03 - 02A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Sodium Polyacrylate	0.50	Thickener
Tapioca Starch	0.50	Thickener – Sensorial Modifier
Tetrasodium Glutamate Diacetate	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAquo! [™] 2W	3.00	Emulsifier
Cetearyl Alcohol	1.00	Consistency Agent
Dicaprylyl Ether	8.50	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient [™] LO	2.00	Emollient
Teobroma Cacao (<i>Cocoa</i>) Seed Butter	0.50	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESEEA [™] LS	1.00	Active Ingredient
Propanediol (<i>and</i>) Psidium Guajava Leaf Extract (<i>and</i>) Saccharomyces Lysate Extract - Biooptimized [™] Guava	1.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 25 000 – 35 000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse the thickeners in the water phase using a suitable dispersion unit;
- Add phase B to phase A and homogenize for a few minutes;
- Cool down under gentle stirring;
- Add phases C, D and E below 40°C.

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Sleeping Beauty

Reference: FD 21- 04 -02

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Sodium Hyaluronate	0.10	Active ingredient
Disodium EDTA	0.05	Chelating Agent
PHASE A₁		
Sodium Polyacrylate	0.60	Thickener
Tapioca Starch	0.20	Thickener
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
Cetearyl Alcohol	0.80	Consistency Agent
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	1.50	Emollient
Dicaprylyl Ether	3.00	Emollient
Prunus Amygdalus Dulcis (<i>Sweet Almond</i>) Oil	1.00	Emollient
Theobroma Cacao (<i>Cocoa</i>) Seed Butter	0.50	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.02	Antioxidant
PHASE C		
Cyclomethicone	3.00	Emollient
PHASE D		
Tapioca Starch (<i>and</i>) Polymethylsilsesquioxane	1.50	Sensorial Modifier
Glycerin	3.00	Humectant
PHASE E		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	1.00	Active Ingredient
Propanediol (<i>and</i>) Psidium Guajava Leaf Extract (<i>and</i>) Saccharomyces Lysate Extract - Biooptimized™ Guava	1.00	Active Ingredient
PHASE F		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 20000 – 30000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse Sodium Hyaluronate in the water phase using a suitable dispersion unit;
- Disperse the thickeners (phase A1) in phase A using a suitable dispersion unit;
- Add phase B to phase A+A1 and homogenize for a few minutes;
- Add phase C and continue to homogenize;
- Prepare phase D dispersing the powder in the glycerin and add it below 45°C;
- Cool down to 40°C and add phases E and F under gentle stirring.

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Anti-Pollution Moisturizing Cream

Reference: FD 17-25A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Sodium Polyacrylate	0.30	Thickener
Tapioca Starch	0.30	Thickener – Sensorial Modifier
Disodium EDTA	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
Sesamum Indicum (<i>Sesame</i>) Seed Oil	2.00	Emollient
Dicaprylyl Ether	1.00	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	2.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	4.00	Emollient
Tocopherol	0.01	Antioxidant
PHASE C		
Dimethicone	1.00	Emollient
PHASE D		
Echium Plantagineum Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Cnidium Monnieri Fruit Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Echnidium ZRO	1.00	Active Ingredient
PHASE E		
Aluminium Starch Octenylsuccinate	1.00	Sensorial Modifier
Glycerin	3.00	Humectant
PHASE F		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	2.00	Anti-aging Active Ingredient
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 15 000 – 25 000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse thickeners in the water phase using a suitable dispersion unit;
- Add phase B to phase A and homogenize for a few minutes;
- Add phases C and D at 50-60°C and continue to homogenize;
- Cool down under gentle stirring;
- Prepare phase E dispersing the powder in the Glycerin and add it below 45°C;
- Add the ingredients of phase F, in the given order, below 40°C and stir slowly.

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Spotless Luminescence

Reference: FD15-06A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Sodium Polyacrylate	0.50	Thickener
Disodium EDTA	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2 Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	2.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	1.00	Emollient
Dicaprylyl Carbonate	2.00	Emollient
Prunus Amygdalus Dulcis (<i>Sweet Almond</i>) Oil	1.00	Emollient
Tocopherol	0.01	Antioxidant
PHASE C		
Ribes Nigrum (<i>Black Currant</i>) Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Paeonia Suffruticosa Root Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Spotless ZRO	1.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 15 000 – 20 000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse the thickener in the water phase using a suitable dispersion unit;
- Add phase B to phase A, at 75°C under agitation and homogenize for a few minutes;
- Add phase C, at 50°C-60°C and continue to homogenize;
- Cool down under gentle stirring;
- Add phases D and E below 40°C.

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From Dawn to Dusk- SPF 25

(theoretical SPF 25)

Reference: FD 17-27C3

INCI name	%	Function
PHASE A₁		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Xanthan Gum	0.50	Thickener
Magnesium Aluminium Silicate	1.00	Thickener
PHASE A₂		
Water (<i>Aqua</i>)	10.00	
Phenylbenzimidazol Sulfonic Acid	3.50	Organic UV Filter
Sodium Hydroxide	a.n.	pH Adjuster
PHASE B₁		
Polyglyceryl-2-Stearate (and) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
Cetearyl Alcohol	1.00	Consistency Agent
Dicaprylyl Ether	3.00	Emollient
Theobroma Cacao (<i>Cocoa</i>) Seed Butter	0.50	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	2.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	1.00	Emollient
Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.00	Organic UV Filter
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.00	Organic UV Filter
Ethylhexyl Methoxycinnamate	2.00	Organic UV Filter
Tocopherol	0.01	Antioxidant
PHASE B₂		
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
CI77891, CI77492, CI77491	2.00	Pigments

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INCI name	%	Function
PHASE C		
Dimethicone	1.00	Emollient
PHASE D		
Ribes Nigrum (<i>Black Currant</i>) Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Paeonia Suffruticosa Root Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Spotless ZRO	0.50	Active Ingredient
PHASE E		
Polyamide-5	1.00	Texturizing Agent
PHASE F		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	1.50	Active Ingredient
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 10 000 – 20 000 cps		pH (100%) 6.8 – 7.0

Procedure:

- Mix the ingredients of phase A₂ at room temperature adjusting pH up to 6.8-7.0;
- Prepare phase A₁ and phase B₁ separately and warm them up to 75°C;
- Disperse the thickeners in phase A₁ using a suitable dispersion unit;
- Add phase A₂ to phase A₁;
- Crush phase B₂ at the mill and add it to phase B₁;
- Add phase B to phase A and homogenize for a few minutes;
- At 50-60°C add phases C and D in the given order and continue to homogenize;
- Cool down to 40°C and add the ingredients of phases E and F, in the given order, under gentle stirring.

Hand Mask

Reference: FD 17- 20 - 02E

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Xanthan Gum	0.10	Thickener
Disodium EDTA	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	5.00	Emulsifier
Butylene Glycol	8.00	Humectant
Glycerin	8.50	Humectant
PHASE C		
Propylheptyl Caprylate	7.90	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
Squalane	4.50	Emollient
Simmondsia Chinensis (<i>Jojoba</i>) Seed Oil	2.00	Emollient
Prunus Amygdalus Dulcis (<i>Sweet Almond</i>) Oil	2.50	Emollient
Dimethicone	1.00	Emollient
PHASE D		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	1.00	Active Ingredient
Glycerin (<i>and</i>) Water (<i>and</i>) Panax Ginseng Root Extract - GinsenoLite™-G	2.00	Active Ingredient
PHASE E		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 10000 – 15000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A, phase B and phase C separately and warm them up to 75°C;
- Disperse the thickener in the water phase using a suitable dispersion unit;
- Add phase C to phase B under stirring;
- Add phase B+C to phase A and homogenize for a few minutes;
- Cool down to 40°C and add the ingredients of phase D and phase E, in the given order, under gentle stirring.

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Radiant & Detox Black Mask

Reference: FD 17-36-01A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Xanthan Gum	0.30	Thickener
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.50	Emulsifier
Cetearyl Alcohol	1.00	Consistency Agent
Beeswax	0.20	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innollient™ LO	2.00	Emollient
Ethylhexyl Cocoate (<i>and</i>) Cocos Nucifera (<i>Coconut</i>) Oil	2.00	Emollient
Caprylic/Capric Tryglyceride	4.00	Emollient
Teobroma Cacao (<i>Cocoa</i>) Seed Butter	1.00	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Ribes Nigrum (<i>Black Currant</i>) Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Paeonia Suffruticosa Root Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Spotless ZRO	0.50	Active Ingredient
Echium Plantagineum Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Cnidium Monnieri Fruit Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Echnidium ZRO	1.00	Active Ingredient
PHASE D		
Charcoal Powder	1.00	Active Ingredient
Propanediol (<i>and</i>) Psidium Guajava Leaf Extract (<i>and</i>) Saccharomyces Lysate Extract - Biooptimized™ Guava	1.00	Active Ingredient
PHASE E		
Preservative	a.n.	Preservative
PHASE F		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 10 000 – 15 000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse the thickener in the water phase using a suitable dispersion unit;
- Add phase B to phase A and homogenize for a few minutes;
- Add phases C at 50-60°C and continue to homogenize;
- Cool down under gentle stirring;
- Add phases D, E and F below 40°C.

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Beauty After Sun

Reference: FD 17 37 01B

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Potato Starch Modified	1.50	Thickener
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	4.00	Emulsifier
Simmondsia Chinensis (<i>Jojoba</i>) Seed Oil	3.00	Emollient
Prunus Amygdalus Dulcis (<i>Sweet Almond</i>) Oil	3.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
Dicaprylyl Ether	5.00	Emollient
Butyrospermum Parkii (<i>Shea</i>) Butter	2.00	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	1.00	Active Ingredient
Glycerin (<i>and</i>) Water (<i>and</i>) Phaseolus Radiatus Meristem Cell Culture Extract - Plant C - Stem™ Vigna Radiata	1.00	Active Ingredient
Aloe Barbadensis Leaf Juice	1.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 10 000 – 15 000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A hydrating the thickener in water phase at 80°C for a minimum of 20 minutes;
- Prepare phase B and warm it up to 75°C;
- Add phase B to phase A and homogenize for a few minutes;
- Cool down under gentle stirring;
- Add phases C, D and E below 40°C.

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Body Butter

Reference: FD 17-31-01E

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
Sodium Polyacrylate	0.25	Thickener
Xanthan Gum	0.25	Thickener
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	5.00	Emulsifier
Cetearyl Alcohol	4.00	Consistency Agent
Cetyl Palmitate	2.00	Consistency Agent
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innollient™ SL	3.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innollient™ LO	5.79	Emollient
Dicaprylyl Carbonate	4.00	Emollient
Dicaprylyl Ether	4.00	Emollient
Macadamia Ternifolia Seed Oil	2.00	Emollient
Butyrospermum Parkii (<i>Shea</i>) Butter	5.00	Emollient
Teobroma Cacao (<i>Cocoa</i>) Seed Butter	4.00	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Echium Plantagineum Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Cnidium Monnieri Fruit Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Echnidium ZRO	1.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 94, 10 rpm 90000 – 100000 cps		pH (100%) 5.0 – 7.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse thickeners in the water phase using a suitable dispersion unit;
- Add phase B to phase A and homogenize for a few minutes;
- Add phases C at 50-60°C and continue to homogenize;
- Cool down to 40°C under gentle stirring;
- Add the ingredients of phase D in the given order and stir slowly.

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Shower Butter

Reference: FD 17-32-02I

INCI name	%	Function
PHASE A		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	20.00	Emulsifier
Teobroma Cacao (Cocoa) Seed Butter	71.49	Emollient
Glyceryl Linoleate (<i>and</i>) PEG-12 Oleate - Liceryl™-12	2.00	Hydrophilic Emollient - Mild co-surfactant
Sulfated Castor Oil	6.00	Anionic Surfactant
PHASE B		
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Parfum	a.n.	Parfum

Procedure:

- Melt the ingredients of phase A and keep under stirring;
- Add phase B under gentle stirring;
- Add phase C under gentle stirring;
- Pour into moulds.

Shower Lotion

Reference: FD 17-13M3

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	3.00	Humectant
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.50	Emulsifier
PHASE C		
Xanthan Gum	0.40	Thickener
Hydroxyethylcellulose	0.40	Thickener
PHASE D		
Cetearyl Alcohol	2.00	Consistency Factor
Stearic Acid	2.00	Consistency Factor
Persea Gratissima (<i>Avocado</i>) Oil	4.00	Emollient
Macadamia Ternifolia Seed Oil	1.50	Emollient
Prunus Amygdalus Dulcis (<i>Sweet Almond</i>) Oil	1.50	Emollient
Glyceryl Linoleate (<i>and</i>) PEG-12 Oleate - Liceryl™-12	2.90	Hydrophilic Emollient
PHASE E		
Water (<i>Aqua</i>)	2.00	
Magnesium Laureth Sulfate	1.40	Anionic Surfactant
Cocamidopropyl Betaine	1.60	Amphoteric Surfactant
PHASE F		
Preservative	a.n.	Preservative
PHASE G		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm 2500 – 5000 cps		pH (100%) 5.0 – 7.0

Procedure:

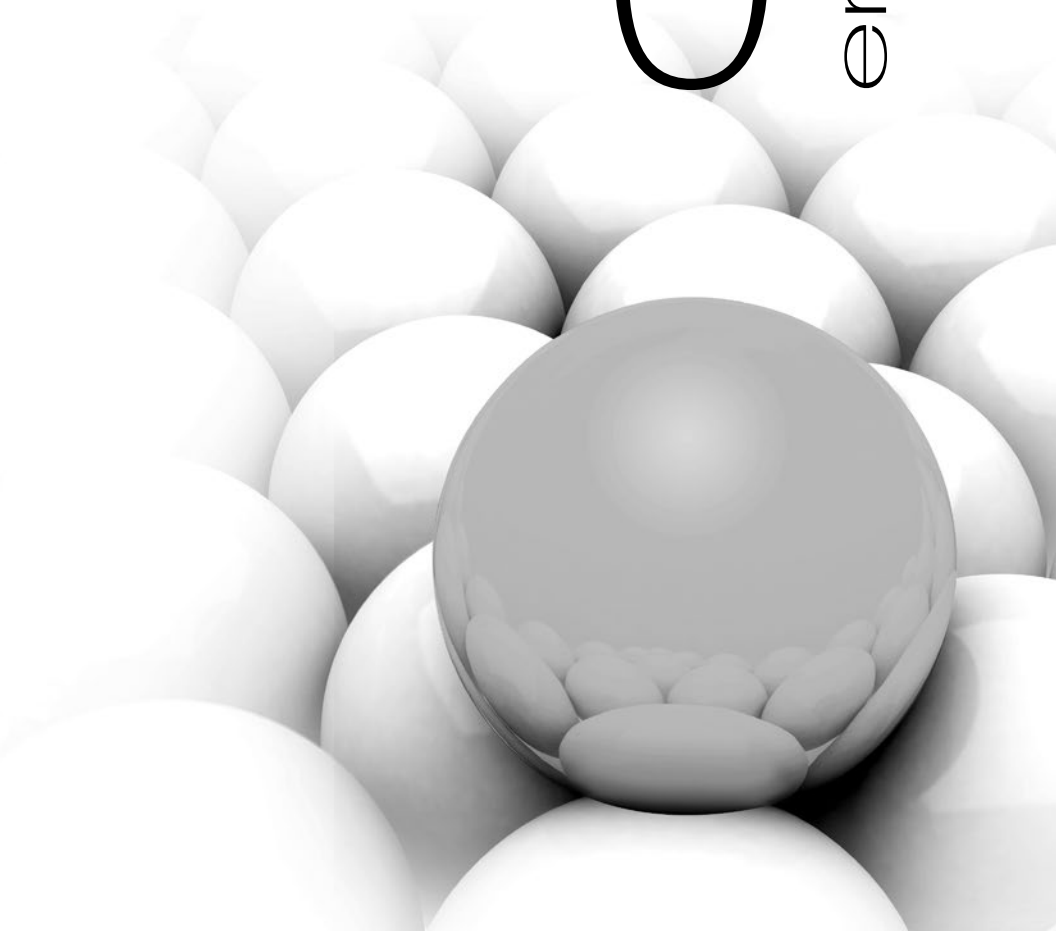
- Prepare phase A and phase D separately and warm them up to 75°C;
- Disperse phase B in the water phase using a suitable dispersion unit and then homogenize for a few minutes;
- Disperse phase C and homogenize for a few minutes;
- Add phase D to phase A+B+C at 75°C and homogenize for a few minutes;
- Add phase E and continue to homogenize for a few minutes;
- Cool down under gentle stirring;
- Add phases F and G below 40°C;
- Adjust pH if required.

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- Excellent pigment dispersion



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Natural Caress CP

Reference: FD 19 01 16B6

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	5.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Preservative	a.n.	Preservative
PHASE B		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	4.50	Emulsifier
Persea Gratissima (<i>Avocado</i>) Oil	2.50	Emollient
Dicaprylyl Ether	8.50	Emollient
Dicaprylyl Carbonate	8.50	Emollient
Butyrospermum Parkii (<i>Shea</i>) Butter	0.50	Emollient
Magnesium Stearate	1.00	Lipophilic Gelling Agent
Zinc Stearate	1.00	Lipophilic Gelling Agent
PHASE C		
Tapioca Starch	2.00	Sensorial Modifier
PHASE D		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 15 000 – 25 000 cps		

Procedure:

- Prepare phase A and phase B separately and stir them at room temperature (25°C - 30°C);
- Add phase A to phase B under agitation and homogenize for a few minutes;
- Add phase C and phase D under gentle stirring.

Brightening City Veil

Reference: FD 19 01 20C

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	5.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Preservative	a.n.	Preservative
PHASE B		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	3.50	Emulsifier
Squalane	3.00	Emollient
Dicaprylyl Ether	8.00	Emollient
Coco-Caprylate/Caprate	2.95	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	3.00	Emollient
Butyrospermum Parkii (Shea) Butter	0.50	Emollient
Ribes Nigrum (<i>Black Currant</i>) Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Paeonia Suffruticosa Root Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Spotless ZRO	1.00	Active Ingredient
Echium Plantagineum Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Cnidium Monnieri Fruit Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Echnidium ZRO	1.00	Active Ingredient
Magnesium Stearate	2.00	Lipophilic Gelling Agent
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.03	Antioxidant
PHASE C		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 10 000 – 20 000 cps		

Procedure:

- Prepare phase A and phase B separately and stir them at room temperature (25°C - 30°C);
- Add phase A to phase B under agitation and homogenize for a few minutes;
- Add phase C under gentle stirring.

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Night Secrets

Reference: FD 19-01-04G5

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	5.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Disodium EDTA	0.05	Chelating Agent
Preservative	a.n.	Preservative
PHASE B		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	4.00	Emulsifier
Simmondsia Chinensis (<i>Jobba</i>) Seed Oil	2.00	Emollient
Isodecyl Neopentanoate	9.50	Emollient
Paraffinum Liquidum	2.40	Emollient
Coco-Caprylate/Caprate	7.10	Emollient
Cetyl Palmitate	1.50	Consistency Agent
Microcrystalline Wax	2.00	Consistency Agent
Silica Dimethyl Silylate	1.00	Lipophilic Gelling Agent
Zinc Stearate	1.00	Lipophilic Gelling Agent
Tocopherol	0.10	Antioxidant
PHASE C		
Glycerin (<i>and</i>) Water (<i>and</i>) Laminaria Saccharina Extract - ReGENESE™ LS	1.00	Active Ingredient
Propanediol (<i>and</i>) Psidium Guajava Leaf Extract (<i>and</i>) Saccharomyces Lysate Extract - Biooptimized™ Guava	1.00	Active Ingredient
PHASE D		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 50 000 – 60 000 cps		

Procedure:

- Prepare phase A and phase B separately and warm them up to 80°C;
- Add phase A to phase B under agitation and homogenize for a few minutes;
- Cool down under gentle stirring;
- Add phases C and D below 40°C.

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Mineral UV Defence SPF 30

(theoretical SPF 30)

Reference: FD 19-01-07R6

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	5.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Preservative	a.n.	Preservative
PHASE B		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	5.00	Emulsifier
Persea Gratissima (<i>Avocado</i>) Oil	2.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	3.00	Emollient
Dicaprylyl Ether	7.00	Emollient
Dicaprylyl Carbonate	8.00	Emollient
Euphorbia Cerifera (<i>Candelilla</i>) Wax	0.50	Emollient
Magnesium Stearate	0.70	Lipophilic Gelling Agent
PHASE C		
Titanium Dioxide (<i>and</i>) Caprylic/Capric Triglyceride (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearic Acid (<i>and</i>) Alumina	20.00	Inorganic UV Filter
PHASE D		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 10 000 – 20 000 cps		

Procedure:

- Prepare phase A and phase B separately and warm them up to 80°C;
- When all the components of phase B are melted, add phase C to phase B and stir for a few minutes;
- Add phase A to phase B+C under agitation and homogenize for a few minutes;
- Cool down to 40°C and add phase D under gentle stirring.

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UV Defence SPF 50

(theoretical SPF 50)

Reference: FD 19 01 07 Y4

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Phenylbenzimidazol Sulfonic Acid	2.50	Organic UV Filter
Sodium Hydroxide	a.n.	pH Adjuster
Glycerin	5.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Disodium EDTA	0.05	Chelating Agent
Preservative	a.n.	Preservative
PHASE B₁		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	6.50	Emulsifier
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	1.50	Emollient
Dicaprylyl Ether	3.00	Emollient
Dicaprylyl Carbonate	3.00	Emollient
Butyrospermum Parkii (<i>Shea</i>) Butter	0.50	Emollient
Zinc Stearate	0.50	Lipophilic Gelling Agent
Magnesium Stearate	1.00	Lipophilic Gelling Agent
PHASE B₂		
Ethylhexyl Salicylate	4.50	Organic UV Filter
Ethylhexyl Methoxycinnamate	6.00	Organic UV Filter
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.00	Organic UV Filter
Diethylamino Hydroxybenzoyl Hexyl Benzoate	4.50	Organic UV Filter
Titanium Dioxide (<i>and</i>) Alumina (<i>and</i>) Stearic Acid	3.95	Inorganic UV Filter
PHASE C		
Tapioca Starch	2.00	Sensorial Modifier
PHASE D		
Parfum	a.n.	Parfum

VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 15 000 – 25 000 cps

Procedure:

- Mix the ingredients of phase A at room temperature adjusting pH up to 6.8-7.0;
- Warm phase B₁ up to 75°C-80°C;
- Add the ingredients of phase B₂ to phase B₁ in the given order and stir.
- Warm phase A up to 70-75°C and add it to phase B under agitation;
- Homogenize for a few minutes;
- Cool down under gentle stirring and add phase C and phase D.

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Lumi “CC” Cream

Reference: FD 19-01-08R1

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	5.00	Humectant
Magnesium Sulfate	2.00	Stabilizing Agent
Disodium EDTA	0.05	Chelating Agent
Preservative	a.n.	Preservative
PHASE B₁		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	6.00	Emulsifier
Isodecyl Neopentanoate	6.00	Emollient
Paraffinum Liquidum	4.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	3.00	Emollient
Magnesium Stearate	2.00	Lipophilic Gelling Agent
PHASE B₂		
CI 77891 (<i>and</i>) Triethoxycaprylylsilane	1.77	Pigments
CI 77492 (<i>and</i>) Triethoxycaprylylsilane	0.13	
CI 77491 (<i>and</i>) Triethoxycaprylylsilane	0.05	
CI 77499 (<i>and</i>) Triethoxycaprylylsilane	0.05	
PHASE C		
Cyclomethicone	9.50	Emollient
PHASE D		
Ribes Nigrum (<i>Black Currant</i>) Seed Oil (<i>and</i>) Octyldodecanol (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Paeonia Suffruticosa Root Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Spotless ZRO	0.50	Active Ingredient
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 15 000 – 20 000 cps		

Procedure:

- Prepare phase B₁ and warm it up to 75°C;
- Crush phases B₂ at the mill and add it to phase B₁;
- Add phases C and D to phase B below 45-50°C;
- Prepare phase A and warm it up to 50°C;
- Add phase A to phase B+C+D, under agitation and homogenize for a few minutes;
- Cool down to 40°C and add phase E under gentle stirring.

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Foundation

Reference: FD 19-18-01B

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	6.00	Humectant
Magnesium Sulfate	1.00	Stabilizing Agent
Disodium EDTA	0.10	Chelating Agent
Preservative	a.n.	Preservative
PHASE B₁		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	6.00	Emulsifier
Sesamum Indicum (Sesame) Seed Oil	2.50	Emollient
Caprylic/Capric Triglyceride	5.50	Emollient
Magnesium Stearate	2.00	Lipophilic Gelling Agent
PHASE B₂		
Cyclomethicone	14.00	Emollient
PHASE B₃		
CI 77891 (<i>and</i>) Triethoxycaprylylsilane	8.70	Pigments
CI 77492 (<i>and</i>) Triethoxycaprylylsilane	0.70	
CI 77491 (<i>and</i>) Triethoxycaprylylsilane	0.35	
CI 77499 (<i>and</i>) Triethoxycaprylylsilane	0.25	
PHASE C		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 20 000 – 30 000 cps		

Procedure:

- Prepare phase B₁ and warm it up to 75°C;
- Cool down to 50°C and add phase B₂ to phase B₁, under gentle stirring;
- Crush phase B₃ at the mill and add it to phase B₁+B₂, under gentle stirring;
- Prepare phase A and warm it up to 50°C;
- Add phase A to phase B under agitation and homogenize for a few minutes;
- Cool down to 40°C and add phase C under gentle stirring.

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Illuminizer Stick

Reference: FD 19-01-21C

INCI name	%	Function
PHASE A		
Polyglyceryl-2 Oleate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Polyglyceryl-2 Stearate - PolyAqual™ OS2	9.00	Emulsifier
Euphorbia Cerifera (<i>Candelilla</i>) Wax	10.00	Consistency Agent
Microcrystalline Wax	3.00	Consistency Agent
Vegetable Oil (<i>and</i>) Hydrogenated Vegetable Oil (<i>and</i>) Euphorbia Cerifera (<i>Candelilla</i>) Wax	6.00	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innolient™ SL	8.00	Emollient
Cocoglycerides	10.00	Emollient
Propylheptyl Caprylate	4.00	Emollient
Polyethylene	4.00	Viscosity Increasing Agent
Hydrogenated Polyisobutene	3.00	Viscosity Increasing Agent
Hydrogenated Dimer Dilinoleyl/Dimethylcarbonate Copolymer	8.00	Water Resistant Agent
PHASE B		
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	14.10	Emollient
Decyl Oleate	8.00	Emollient
Tocopherol	0.50	Antioxidant
PHASE C		
Mica, CI 77891 (<i>Titanium Dioxide</i>), CI 77491 (<i>Iron Oxides</i>)	12.00	Pigments
PHASE D		
Parfum	a.n.	Parfum

Procedure:

- Melt the ingredients of phase A and keep under stirring;
- Add premixed phase B under gentle stirring;
- Add phase C and mix it up to a homogeneous pigments dispersion;
- Pour into lipstick mould.

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HAIR
Care

Activoil™ Kerox-Pro™

Hair shield

- Prevents UV-induced color fading
- Increases and maintains hair antioxidant potential
- Protects keratin cuticle ultrastructure



innovacos

Replenishing Hair Mask

Reference: FD 22-01-01A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	4.00	Humectant
Panthenol	0.30	Active Ingredient
Xanthan Gum	0.30	Thickener
Microcrystalline Cellulose (and) Cellulose Gum	1.20	Thickener
Tetrasodium Glutamate Diacetate	0.05	Chelating Agent
PHASE B		
Polyglyceryl-2-Stearate (<i>and</i>) Glyceryl Stearate (<i>and</i>) Stearyl Alcohol - PolyAqual™ 2W	3.00	Emulsifier
Cetearyl Alcohol	2.00	Consistency Agent
Cetyl Palmitate	2.00	Consistency Agent
Argania Spinosa Kernel Oil	1.00	Emollient
Simmondsia Chinensis (<i>Jajoba</i>) Seed Oil	1.00	Emollient
Butyrospermum Parkii (<i>Shea</i>) Butter	0.50	Emollient
Stearyl Linoleate (<i>and</i>) Stearyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Stearyl Alcohol - innollient™ SL	0.50	Emollient
Lecithin (<i>and</i>) Tocopherol (<i>and</i>) Ascorbyl Palmitate (<i>and</i>) Citric Acid	0.01	Antioxidant
PHASE C		
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	3.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 20 000 – 30 000 cps		pH (100%) 4.0 – 6.0

Procedure:

- Prepare phase A and phase B separately and warm them up to 75°C;
- Disperse the thickeners in the water phase using a suitable dispersion unit;
- Add phase B to phase A and homogenize for a few minutes;
- Cool down to 50°C-60°C and add phase C while homogenizing;
- Cool down under gentle stirring;
- Add phases D and E below 40°C.

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SOS Leave-on Conditioner

Reference: FD 22-02-01A

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Glycerin	4.00	Humectant
Panthenol	0.30	Active Ingredient
Cetrimonium Chloride	0.10	Active Ingredient
Polyquaternium-10	0.20	Active Ingredient
PHASE B		
Polyquaternium-37	2.00	Cationic Thickening Polymer
PHASE C		
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	3.00	Active Ingredient
PHASE D		
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 92, 10 rpm 15 000 – 20 000 cps		pH (100%) 4.0 – 6.0

Procedure:

- Prepare phase A and warm it up to 75°C;
- Disperse phase B in the water phase using a suitable dispersion unit and then homogenize for a few minutes;
- Cool down to 50°C -60°C and add phase C while homogenizing;
- Cool down under gentle stirring and add phase D below 40°C.

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Active Hair Oil

Reference: FD 22-04-01A

INCI name	%	Function
PHASE A		
Coco-Caprylate	30.00	Emollient
Propylheptyl Caprylate	27.25	Emollient
Coco-Caprylate/Caprate	23.00	Emollient
Caprylic/Capric Trygliceride	12.00	Emollient
Octyldodecyl Oleate (<i>and</i>) Octyldodecyl Stearoyl Stearate (<i>and</i>) Polyhydroxystearic Acid (<i>and</i>) Octyldodecanol - innolient™ LO	2.00	Emollient
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	5.00	Active Ingredient
Tocopheryl Acetate	0.50	Antioxidant
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 01, 50 rpm ~ 20 cps		

Procedure:

- Blend all the ingredients in the given order;
- Stir until clear.

Bi-Phasic Anti-frizz Lotion

Reference: FD 22-05-02E

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Magnesium Sulfate	3.00	Active Ingredient
CI 42051 (<i>0.1% water solution</i>)	0.25	Dye
Preservative	a.n.	Preservative
Citric Acid (<i>10% water solution</i>)	up to pH 5.0	pH Adjuster
PHASE B		
Coco-Caprylate	19.00	Emollient
Dicaprylyl Carbonate	6.00	Emollient
Caprylic/Capric Triglyceride	5.00	Emollient
Ethylhexyl Methoxycinnamate	1.00	UVB filter
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	2.00	Active Ingredient
Parfum	a.n.	Parfum

Procedure:

- Combine all the ingredients of phase A in the given order with gentle stirring until homogeneous;
- Combine all the ingredients of phase B in the given order with gentle stirring until homogeneous;
- Add phase B to phase A with gentle stirring.

Mild After Sun Shampoo

Reference: FD 22 06 011

INCI name	%	Function
PHASE A		
Sodium Cocopolyglucose Tartrate	10.00	Anionic Surfactant
Sodium Lauroyl Sarcosinate	10.00	Anionic Surfactant
Lauryl Glucoside	4.00	Non Ionic Surfactant
Cocoamidopropyl Betaine	7.00	Amphoteric Surfactant
PEG-120 Methyl Glucose Dioleate	2.50	Thickener
PHASE B		
Glyceril Linoleate (<i>and</i>) PEG-12 Oleate - Liceryl™-12	5.00	Co-Surfactant
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	1.00	Active Ingredient
Parfum	a.n.	Parfum
PHASE C		
Water (Aqua)	up to 100.00	
Preservative	a.n.	Preservative
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm 10 000 – 15 000 cps		pH (100%) 6.0 – 7.0

Procedure:

- Heat phase A up to 50°C and stir until PEG-120 Methyl Glucose Dioleate is completely dissolved;
- Prepare phase B, solubilizing its ingredients in Liceryl™-12;
- Add phase B to phase A, very slowly, under agitation;
- Prepare phase C and add it to phase A+B under agitation;
- Cool down under gentle stirring.

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Color Save Shampoo

Reference: FD 22-07-01C

INCI name	%	Function
PHASE A		
Water (<i>Aqua</i>)	up to 100.00	
Acrylates Copolymer	6.00	Thickener
PHASE B		
Sodium Laureth Sulphate 27%	35.00	Anionic Surfactant
PHASE C		
Sodium Hydroxide	up to pH 6.5 - 6.8	pH Adjuster
PHASE D		
Sodium Cocoamphoacetate	10.00	Amphoteric Surfactant
Cocoamidopropyl Betaine	5.00	Amphoteric Surfactant
PHASE E		
Glyceryl Erucate (<i>and</i>) PEG-12 Oleate - Eceryl™-12	1.00	Mild Surfactant
Raphanus Sativus (<i>Radish</i>) Seed Extract (<i>and</i>) Octyldodecyl Oleate (<i>and</i>) Octyldodecanol (<i>and</i>) Magnolia Officinalis Bark Extract (<i>and</i>) Rosmarinus Officinalis (<i>Rosemary</i>) Leaf Extract - Activoil™ Kerox-Pro™	1.00	Active Ingredient
BHT	0.15	Antioxidant Agent
PHASE F		
Dimethicone	1.00	Emollient
PHASE G		
Polyquaternium 7	2.00	Conditioning Agent
PHASE H		
Disodium EDTA	0.10	Chelating Agent
Water (<i>Aqua</i>)	2.00	
PHASE I		
Preservative	a.n.	Preservative
PHASE J		
Parfum	1.00	Parfum
Glycol Distearate (<i>and</i>) Coco Glucoside (<i>and</i>) Glyceryl Oleate (<i>and</i>) Glyceryl Stearate	5.00	Opacifier
PHASE K		
Citric Acid	up to pH 5.0-5.5	pH Adjuster
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm 5 000 – 10 000 cps		pH (100%) 5.0 – 5.5

Procedure:

- Prepare phase A mixing the thickener with water;
- Add phase B to phase A, using a suitable dispersion unit;
- Add phase C and neutralize to pH 6.5 - 6.8;
- Add phases D, E, F, G, H, I and J using a suitable dispersion unit;
- Add phase K up to pH 5.0 – 5.5.

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BiOptimized™ Guava

ReGENESEEA™ LS

Activoil™ Spotless ZRO

Activoil™ Echnidium ZRO

Activoil™ Kerox-Pro™

Plant C•Stem™ Vigna radiata

innoPOM™

GinsenoLite™-G

PolyAqual™ 2W

PolyAqual™ OS2

innollient™ LO

innollient™ SL

Liceryl™-12

Eceryl™-12

