

SENSORY BOOK

SENSORY BOOK

Viscosity and richness are two important criteria which characterize the texture of a cosmetic product.

- **Viscosity** represents the consistency of the texture (from liquid to thick)
- **Richness** represents the sensation of nutrition when applied (from light to rich)

Lucas Meyer Cosmetics' "SENSORY BOOK" has been designed in order to select a targeted texture according to both criteria.			Emulmetik [™] 930	Biophilic [™] H	Biophilic [™] S	Heliofeel™	Siligel™	Ecogel™	Lecigel™
SPRAY		BRUME MICELLAIRE	•						
TEXTURE	111	MOISTURIZING BODY SPRAY				•		•	
FI UID		SIMPLY SERUM					•		
FLUID TEXTURE		CECI N'EST PAS UNE CRÈME			•				•
		VOILE DE CARESSE		•					
	III	DELICATE CLEANSING CREAM					•		
		ANTI-POLLUTION MICELLAR GEL							•
		MAGIC CREAM-TO-WATER							•
SUPPLE TEXTURE		COOLING GEL-CREAM							•
LATONE	III	FLOWERFUL RADIANCE CREAM		•					
	III	ENCHANTED GEL-TO-MILK							•
	111	SO' SMOOTHIE AFTER SUN BUTTER						•	
THICK	III	SIMPLY BALM				•			•
TEATORE	III	SO' SWEET WHIPPED BUTTER							•

SPRAY TEXTURE



SPRAY TEXTURE

RICHNES

BRUME MICELLAIRE

Gentle makeup remover cleansing mist

FORMULATION CHALLENGE

- Micelles
- Based on natural-derived ingredient vs. synthetic surfactants generally used in cleansing waters

FUNCTIONAL INGREDIENT Emulmetik™ 930 (0.25%) - Micelle promotor

Concentrated phosphatidylcholine (95%)

- Small droplets (micelles) creation in association with Polyglyceryl-10 Laurate to emulsify excess sebum, makeup and impurities
- Comfortable & soft after feel due to the film-forming properties of phospholipids avoiding the drying effect of water

TEXTURE SIGNATURE**



ece care Mal





Translucent lotion



INSPIRATION FOR

Makeup remover

当日

Lotion/Toner

INGREDIENT INCLINAME

BRUME MICELLAIRE 9,313,01 C88

A Deionized Water	Water	92.63	Vehicle
Glycerin	Glycerin	2.00	Humectant
Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	0.10	Chelating agent
Dermofeel® G 10LW	Polyglyceryl-10 Laurate (and) Water (and) Citric Acid	2.00	Surfactant
D. Emulmotik™ 020	Locithin	0.25	Micelle promotor
D Emumetik 730	Leciunin	0.25	Micelle promotor
C Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.02	Antioxidant

MANUFACTURING PROCEDURE

- 1. Heat A up to 75°C.
- When temperature is up to 65°C, add B in A under slow stirring. Keep under slow stirring for 20 minutes to hydrate phospholipids.
- Add C just before emulsifying and increase stirring rate up to maximum level with a rotor stator blender for 3 minutes to form micelles.
- 4. Cool down under medium stirring.
- 5. Add D.
- 6. Adjust the pH if necessary, with citric acid, at 5,2 (+/- 0,1).

FORMULA SPECIFICATIONS

Aspect: Off-white translucent lotion Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): N.A. (close to water) pH: 5.0 - 5.3 Preservative efficacy test: Pass Pilot batch: 29 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

SPRAY TEXTURE



SPRAY TEXTURE

A Dejonized Water

MOISTURIZING BODY SPRAY

Easily spreadable and quick absorbing emulsion

FORMULATION CHALLENGE

- Stability even with such a fluid texture
- Comfortable skin feel despite only 5% oil phase
- Minimalist formula

FUNCTIONAL INGREDIENTS Heliofeel[™] (2%) - Emulsifier

Sprayable formula

- Light skin feel
- Comfortable sensation and softness

Ecogel[™] (0.6%) - Stabilizer & gelling agent

- Stability while being spravable
- Gliding effect
- Silicone-like after feel

ACTIVE INGREDIENT

- Exo-H[™]
- Deep skin hydration

TEXTURE SIGNATURE**



INSPIRATION FOR



After-sun mist





:治日

E

Spray



* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

MOISTURIZING BODY SPRAY 17.016.04 C185 Wator 87.45 Vehicle

Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	0.10	Chelating agent
B Glycerin Ecogel™	Glycerin Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan	2.00 0.60	Humectant Gelling agent
C Heliofeel™	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	2.00	Emulsifier
Dub Inin	Isononyl Isononanoate	5.00	Emollient
D Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.10	Antioxidant
E Verstatil [®] PC	Phenoxyethanol (and) Caprylyl Glycol	1.00	Preservative
Exo-H™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	1.50	Active ingredient
7213821	Fragrance	0.25	Fragrance

MANUFACTURING PROCEDURE

- 1. Heat phases A and C up to 75°C.
- 2. When the temperature is up to 75°C, add premix B into A and keep under medium/high stirring during 30 minutes to develop the gel (Tooth propeller).
- 3. Add C and D (just before emulsifvina) into AB under maximum stirring during 3 minutes to emulsify the product (rotor stator homogenizer).
- 4. Cool down under medium stirring.
- 5. Add ingredients of E, one by one, below 40°C.
- 6. Adjust the pH if necessary.

FORMULA SPECIFICATIONS

Aspect: Off-white fluid lotion Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 2 000 - 4 500 cP pH: 5.0 - 5.5 Preservative efficacy test: Pass Pilot batch: 32 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT. 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at

45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable



SIMPLY SERUM

Ultra-minimalist sophisticated serum

FORMULATION CHALLENGE

- Only few ingredients without compromising sensoriality
- Comfortable skin feel despite absence of oil inaredients

FUNCTIONAL INGREDIENT Siligel[™] (1%) - Gelling agent of water phase

- Serum texture
- Gliding effect
- Silicone-like skin feel
- Non-tacky after feel
- Comfort and softness after application



Translucent serum

TEXTURE SIGNATURE**



INSPIRATION FOR

Base for treatment (anti-aging, glow...)



Hair serum Scalp care

FLUID TEXTURE

SIMPLY SERUM 16,284,03 C170

		~	
INGREDIENT			
A Deionized Water	Water	96.60	Vehicle
Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	0.10	Chelating agent
Chlorphenesin	Chlorphenesin	0.30	Preservative
Phenoxyethanol	Phenoxyethanol	0.80	Preservative
B Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	1.00	Gelling agent
C Granlux® AOX-G3 Eco	Propanediol (and) Picea Abies Extract	1.00	Antioxidant
D 5532930	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE COLD PROCESS

- 1. Add B into A.
- 2. Increase stirring rate up to maximum level (2500 rpm) with rotor stator blender for 5 minutes.
- 3. Add C and D under maximum stirring (Rotor-stator homogenizer).
- 4. Adjust the pH if necessary.

FORMULA SPECIFICATIONS

Aspect: Translucent serum Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 1 500 - 2 500 cP pH: 5.0 - 6.0 Preservative efficacy test: Pass Pilot batch: 28 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)

Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.





FLUID TEXTURE

CECI N'EST PAS UNE CRÈME 16.237.03 C170

(and) Alcohol

Chlorphenesin

(and) Lecithin

Extract

Fragrance

Phenoxyethanol

(and) Palmitic Acid

Sodium Phytate (and) Water

Lecithin (and) C 12-16 Alcohols

Sodium Acrylates Copolymer

Propanediol (and) Picea Abies

Polymethyl Methacrylate

Water

Glycerin

CECI N'EST PAS UNE CRÈME

Oil-free emulsion-like formula

FORMULATION CHALLENGE

- Surprising texture while being minimalist
- Thickened oil-free lamellar gel providing a creamy aspect
- · Sensation of comfort despite absence of oil ingredients

FUNCTIONAL INGREDIENTS Biophilic[™] S (4%) - Lamellar emulsifier

- Lamellar gel
- Second skin effect
- Rich and sophisticated skin feel
- Comfort and softness after application

Lecigel[™] (1%) - Viscosity adjuster

- Cushioning aspect
- Cooling effect

TEXTURE SIGNATURE**



INSPIRATION FOR



* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available



.....

Tube

Off-white

Eve contour





creamy lotion



MANUFACTURING PROCEDURE

1. Heat A up to 75°C.

A Deionized Water

Chlorphenesin

Phenoxyethanol

D Granlux[®] AOX-G3 Eco

Glycerin

B Biophilic[™] S

C Lecigel™

Dermofeel® PA-3

- 2. When temperature is up to 75°C. add Biophilic[™] S under medium stirring for 20 minutes to hydrate phospholipids.
- 3. Add C into AB and stir strongly (Tooth propeller) until the product is thick and homogeneous.
- 4. Cool down under medium stirring.
- 5. Add D. E and F below 40°C.
- 6. Adjust the pH if necessary.

FORMULA SPECIFICATIONS

Aspect: Off-white creamy lotion Viscosity (Brookfield LV. spindle 4, 6 rpm. 1 min): 20 000 - 35 000 cP pH: 5.5 - 6.5 Preservative efficacy test: Pass Pilot batch: 31 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT. 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable

2.00 Skin feel agent 0.20 Fragrance

Vehicle

Chelating agent

Humectant

Preservative

Preservative

Gelling agent

Antioxidant

Emulsifier

87.60

0.10

3.00

0.30

0.80

4.00

1.00

1.00

Biophilic™ S - Lecigel™

or otherwise with our estimations **Tested by an internal panel





FLUID TEXTURE

VOILE DE CARESSE

Velvety light cream for an even and radiant complexion

FORMULATION CHALLENGE

- Fluid texture with a cushioned application
- Comfortable skin feel even with a small oil phase (only 6%)

FUNCTIONAL INGREDIENT Biophilic[™] H (2%) - Emulsifying agent

- Sensory signature even at low dosage
- Fluid emulsion
- · Comfort and velvety skin feel

ACTIVE INGREDIENTS Miniporvl™

Conspicious pore reduction

Tazman Pepper[™] AF

• Reduction of the appearance of redness for a flawless complexion

Superox-C[™] AF and Lime Pearl[™] AF

Perfect glow

SCB Macadamia Oil

Nourishing action

TEXTURE SIGNATURE**







Pump bottle

Light beige lotion



Light cream





INSPIRATION FOR

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

VOILE DE CARESSE 17.109.01 C183

INGREDIENT	INCI NAME	%	FUNCTION
A Deionized Water Dermofeel® PA-3	Water Sodium Phytate (and) Water (and) Alcohol	85.60 0.10	Vehicle Chelating agent
B Satiaxane™ VPC 911	Xanthan Gum	1.00	Gelling agent
C Biophilic™ H	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	2.00	Emulsifier
D Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.10	Antioxidant
Cetiol [®] CC	Dicaprylyl Carbonate	2.00	Emollient
SCB Macadamia Oil	Macadamia Ternifolia Seed Oil	1.00	Emollient
Schercemol™ DIA Ester	Diisopropyl Adipate	2.00	Emollient
Huile de Vaseline Codex Fluide	Paraffinium Liquidum	1.00	Emollient
E Verstatil [®] PC	Phenoxyethanol (and) Caprylyl Glycol	1.00	Preservative
Superox-C™ AF	Glýcerin (and) Water (and) Terminalia Ferdinandiana Fruit Extract	1.00	Active ingredient
Lime Pearl™ AF	Glycerin (and) Water (and) Microcitrus Australasica Fruit Extract	1.00	Active ingredient
Tazman Pepper™ AF	Glycerin (and) Water (and) Tasmannia Lanceolata Fruit/Leaf Extract	1.00	Active ingredient
Miniporyl™	Isopentyldiol (and) Trifolium Pratense (Clover) Flower Extract	1.00	Active ingredient
Fragrance 7198387	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE

- 1. Prepare phase A. Heat phase A at 75-80°C.
- 2. Sprinkle phase B into phase A under medium stirring until the gel is homogeneous.
- 3. Add phase C into AB and let under medium stirring for 20 minutes.
- 4. Heat phase D at 75-80°C.
- 5. Add phase D into ABC under medium stirring and increase to the maximum during 3 minutes to emulsify (rotor stator homogenizer).
- 6. Add Phase E, ingredients one by one, below 40°C.

FORMULA SPECIFICATIONS

Aspect: Light beige lotion Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 10 000 - 20 000 cP pH: 5.00 - 6.00 Preservative efficacy test: Pass Pilot batch: 25 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)

Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable



FLUID TEXTURE

Siligel™

DELICATE CLEANSING CREAM

A super soft cleanser for face, body, hair and all skin types, even the most sensitive

FORMULATION CHALLENGE

- Natural ingredients
- Sulfate-free
- Comfortable and soft after feel

FUNCTIONAL INGREDIENT Siligel[™] (2%) - Gelling agent & stabilizer

- Nice viscosity even with no sulfate
- Stable formula even with 10% oil phase

INSPIRATION FOR



Gentle shampoo



Face cleanser

Body cleanser



White cream



DELICATE CLEANSING CREAM 18.101.01 C189

INGREDIENT	INCI NAME	%	FUNCTION
A Deionized Water Salicylic Acid	Water Salicylic Acid	58.65 0.05	Vehicle Preservative
Sodium Benzoate Glycerin	Sodium Benzoate Glycerin	2.00	Preservative Humectant
B Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	2.00	Gelling agent/ Stabilizer
C Plantacare® 2000 UP Amisoft® CS-22	Decyl Glucoside Disodium Cocoyl Glutamate (and) Sodium Cocoyl Glutamate (and) Water	15.00 8.00	Surfactant Surfactant
Lamesoft® PO 65	Coco-Glucoside (and) Glyceryl Oleate	3.00	Foam booster
D Sweet Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	10.00	Emollient
E Ritalac LA	Lactic Acid	0.80	pH adjuster

MANUFACTURING PROCEDURE COLD PROCESS

- 1. Prepare phase A: weigh the water and the glycerin and sprinkle under mixing the salicylic acid and sodium benzoate.
- 2. Add B into A and develop the gel under maximum stirring with a rotor stator blender.
- 3. Add C one by one into AB and maintain under medium stirring.
- 4. Add D into ABC, increase agitation to emulsify. Keep under strong stirring for 3 minutes (Rotor-stator homogenizer).
- 5. Adjust pH with E.

FORMULA SPECIFICATIONS

Aspect: White cream Viscosity (Brookfield RV, spindle 3, 5 rpm, 1 min): 12000 - 20000 cP pH: 5.0 - 5.3 Pilot batch: 20 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)

Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

^{*} Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.



SUPPLE TEXTURE

ANTI-POLLUTION MICELLAR GEL

Wipe-Off soft cleanser

FORMULATION CHALLENGE

- Micellar gel
- Minimalist formula
- Cold process

FUNCTIONAL INGREDIENT

Lecigel[™] (2%) - Gelling agent of water phase

- Aqueous melting gel texture
- Immediate cooling effect
- High comfort

ACTIVE INGREDIENT

- Exo-P™
- \bullet Protection & elimination of $\mathsf{PM}_{_{\!\!2,5'}}$ heavy metals and hydrocarbons

TEXTURE SIGNATURE**



INSPIRATION FOR

Cleansing gel

Pump bottle



Translucent gel



ANTI-POLLUTION MICELLAR GEL 19.331.01 C225

INGREDIENT	INCI NAME	%	FUNCTION
A Deionized Water Dermofeel® PA-3	Water Sodium Phytate (and) Water (and) Alcohol	91.68 0.10	Vehicle Chelating agent
Glycerin Dermofeel® G 10LW	Glycerin Polyglyceryl-10 Laurate (and) Water (and) Citric Acid	2.00 2.00	Humectant Surfactant
B Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	2.00	Gelling agent
C Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil Phonoxyethanol (and)	0.02	Antioxidant
	Caprylyl Glycol	1.00	Fleselvative
D Exo-P™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	1.00	Active ingredient
E 7209630	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE COLD PROCESS

- 1. Mix ingredients of phase A.
- 2. Add B into A under maximum stirring (Tooth propeller) to deploy the gel.
- 3. Add ingredients of phase C, D and E one by one.
- 4. Adjust the pH if necessary.

FORMULA SPECIFICATIONS

Aspect: Translucent gel Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 50 000 - 65 000 cP pH: 5.4 - 6.0 Preservative efficacy test: Pass Pilot batch: 18 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable

^{*} Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

^{**}Tested by an internal panel



SUPPLE TEXTURE

MAGIC CREAM-TO-WATER

Sorbet cream transforming into a splash of water

FORMULATION CHALLENGE

- Chameleon texture
- Ultra-minimalist formula (8 ingredients)
- Sophisticated texture even with a high amount of water (87.6%)
- Evanescent texture even with 5% butter

FUNCTIONAL INGREDIENT Lecigel[™] (1%) - Gelling & emulsifying agent

- Light watery gel-cream texture
- Extreme quick-break effect
- Cooling effect and vivifying sensations



White gel-cream



TEXTURE SIGNATURE**



INSPIRATION FOR

) Day care Eye contour





MAGIC CREAM-TO-WATER 16.270.02 C170

INGREDIENT			FUNCTION
A Deionized Water Chlorphenesin Phenoxyethanol	Water Chlorphenesin Phenoxyethanol	87.60 0.30 0.80	Vehicle Preservative Preservative
B Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	1.00	Gelling/emulsifying agent
C Saboderm TCC Lipex® 106	Caprylic/Capric Triglyceride Shorea Stenoptera Seed Butter	5.00 5.00	Emollient Thickener
D Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.10	Antioxidant
E 5573682	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE

- 1. Heat A and C up to 65°C.
- 2. Add B into the phase A and apply a maximum stirring to deploy the gel (Tooth propeller).
- Add D into C just before emulsifying (CD into AB) and increase the stirring rate up to maximum stirring and maintain during 3 minutes to emulsify the product (Tooth propeller).
- 4. Cool down under medium stirring below 40°C.

5. Add E.

FORMULA SPECIFICATIONS

Aspect: White gel-cream Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 30 000 - 40 000 cP pH: 6.0 - 6.5 Preservative efficacy test: Pass Pilot batch: 23 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

**Tested by an internal panel



Pump bottle



SUPPLE TEXTURE

A Deionized Water

Chlorphenesin

Solution 0.1%

B Lecigel™

C Dub Inin

Phenoxyethanol

Dermofeel® BGC

Saboderm TCC

Vitapherole® E-1000

D Hydralphatine[™] Asia

Unicert Blue 05601-J

Dermofeel® PA-3

COOLING GEL-CREAM 16,236,04 C170

Water

Alcohol

Chlorphenesin

(and) Lecithin

Dicaprate

Phenoxyethanol

Water (and) CI 42090

Isononyl Isononanoate

Sodium Acrylates Copolymer

Butylene Glycol Dicaprylate/

Caprylic/Capric Triglyceride

Tocopherol (and) Helianthus

Annuus (Sunflower) Seed Oil

Glycerin (and) Propylene Glycol

Sodium Phytate (and) Water (and)

COOLING GEL-CREAM

Thirst-quenching cool aqueous gel-cream

FORMULATION CHALLENGE

- Cold & fast process
- Very cool texture without cooling agent

FUNCTIONAL INGREDIENT

Lecigel[™] (1.75%) - Gelling & emulsifying agent

- Gel-cream texture
- Quick-break effect
- High cooling sensation
- Pleasure upon application

ACTIVE INGREDIENTS

- Hydralphatine[™] Asia
- Water storage maximization

Suprem'[™] WP Sweet Almond

Nourishing action and skin protection

TEXTURE SIGNATURE**



INSPIRATION FOR



After-sun care

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations



Blue ael-cream



(and) Hydrogenated Starch Hydrolysate (and) Panthenol (and) Bambusa Vulgaris Shoot Extract

83.50

0.10

0.30

0.60

0.35

1.75

4.00

3.00

3.00

0.20

1.00

2.00

0.20

Vehicle

Dve

agent

Emollient

Fmollient

Emollient

Antioxidant

Active ingredient

Active inaredient

Fragrance

Chelating agent

Gelling/emulsifing

Preservative

Preservative

(and) Nelumbo Nucifera Flower Extract (and) Nymphaea Alba Root Extract Suprem'[™] WP Water (and) Prunus Amvadalus Dulcis (Sweet Almond) Oil (and) Sweet Almond Lecithin (and) Polyalyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate

Fragrance

MANUFACTURING PROCEDURE COLD PROCESS

1. Prepare A.

E 7209630

- 2. Add B into A and stir strongly until the product is thick and homogeneous (Tooth propeller).
- 3. Add C into AB under maximum stirring and keep under maximum stirring for 10 minutes (Tooth propeller).
- 4. Decrease stirring rate to medium level.
- 5. Add D (ingredients one by one) and E.
- 6. Adjust the pH if necessary.

FORMULA SPECIFICATIONS

Aspect: Pale blue-green gel-cream Viscosity (Brookfield LV. spindle 4, 6 rpm. 1 min): 25 000 - 45 000 cP pH: 5.5 - 6.0 Preservative efficacy test: Pass Pilot batch: 28 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

**Tested by an internal panel

Dav care Face mask

SUPPLE TEXTURE

FLOWERFUL RADIANCE CRFAM

Ultra-cocooning cream with a global glow action

FORMULATION CHALLENGE

- Premium texture
- High spreadability & ultra-soft after feel even without silicone (0.5% dimethicone only to avoid the soaping effect)

FUNCTIONAL INGREDIENT Biophilic[™] H MB (4%) - Emulsifying agent

- Impressive cushion effect
- Velvet & comfortable skin feel
- 21% oil phase emulsified without co-emulsifier

ACTIVE INGREDIENTS

- Rosality[™] and SKINectura[™]
- Skin aspect improvement for a more radiant look

SCB Macadamia Oil

Nourishing action

TEXTURE SIGNATURE**



INSPIRATION FOR Dav care

Night care Face mask



* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations



Pink cream



FLOWERFUL RADIANCE CREAM 19.003.01 C215

INGREDIENT	INCI NAME	%	FUNCTION
A Deionized Water Dermofeel® PA-3	Water Sodium Phytate (and) Water (and) Alcohol	69.60 0.10	Vehicle Chelating agent
Unicert Red 07004-J Solution 1%	Water (and) CI 14700	0.15	Dye
B Satiaxane [™] VPC 911	Xanthan Gum	0.75	Gelling agent
C Biophilic™ H MB	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	4.00	Emulsifier
D Dermofeel® Toco 70 Non GMO SCB Macadamia Oil Schercemol™ CO Ester BRB DM 350 Cirebelle 505 Lipex Shea W™ Lipex Illipesoft™ Lanette® 22	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil Macadamia Ternifolia Seed Oil Cetyl Ethylhexanoate Dimethicone Synthetic Wax Shea Butter Cetyl Esters Shorea Stenoptera Seed Butter Behenyl Alcohol	0.10 1.00 9.00 0.50 1.00 4.00 4.00 1.50	Anti-oxidant Emollient Emollient Thickener Thickener Thickener Thickener
E Verstatil [®] PC Rosality™	Phenoxyethanol (and) Caprylyl Glycol Pentylene Glycol (and) Rosa Damascena Flower Water (and) Posa Damascena Flower Oil	1.10 1.00	Preservative Active ingredient
SKINectura™	Glycerin (and) Water (and) Anigozanthos Flavidus Extract	2.00	Active ingredient
5663436	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE

- 1. Prepare phase A. Heat phase A at 75-80°C.
- 2. Sprinkle phase B into phase A under medium stirring until the gel is homogeneous.
- 3. Add phase C into AB and let under medium stirring for contact 5 minutes.
- 4. Heat phase D at 75-80°C.
- 5. Add phase D into ABC under medium stirring for 5 minutes and increase to maximum during 3 minutes to emulsify (Rotor stator homogenizer).
- 6. Add Phase E. ingredients one by one. below 40°C.

FORMULA SPECIFICATIONS

Aspect: Light pink cream Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 20 000 - 40 000 cP pH: 5.50 - 6.00 Preservative efficacy test: Pass Pilot batch: 29 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable



SUPPLE TEXTURE

ENCHANTED GEL-TO-MILK 16.320.01 C185

INCI NAME

(and) Alcohol

(and) Lecithin

Abies Extract

Sodium Phytate (and) Water

Sodium Acrylates Copolymer

Propanediol (and) Picea

Prunus Amygdalus Dulcis

Soja (Soybean) Oil (and)

Macadamia Ternifolia Seed Oil

Glycolipids (and) Glycine Soia

Phospholipids (and) Glycine

(Sweet Almond) Oil

(Sovbean) Sterols

Water

Fragrance

Glycerin

FNCHANTED GEL-TO-MILK

Comfortable cleansing honey-like gel transforming in a milky emulsion

FORMULATION CHALLENGE

- Warming chameleon texture
- Stable even with 1% fragrance
- Multi-sensorial experience: awakens the senses
- Very soft after feel even post rinsing
- Minimalist formula
- Cold process

FUNCTIONAL INGREDIENT

Lecigel[™] (1.2%) - Gelling agent of glycerin

- Oil-in-Glycerin texture
- Transparency
- Emulsification in contact with water

ACTIVE INGREDIENTS

Amisol Trio™

Skin refattening

SCB Macadamia Oil

Nourishing action

TEXTURE SIGNATURE**



INSPIRATION FOR

Nourishing mask

Relaxing massage balm (beauty salon, after physical activity...)

Warm-up muscles gel (before physical activity)



, oiletrie

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations



Translucent yellowish gel



Scrub (face & lips)

0.0

. lar

Scrub



INGREDIENT

A Glycerin

B Lecigel[™]

Dermofeel® PA-3

C Granlux[®] AOX-G3 Eco

MANUFACTURING PROCEDURE COLD PROCESS

1. Prepare phase A.

E Deionized Water

F 7231483

- 2. Sprinkle Lecigel[™] into phase A under medium to strong stirring (Tooth propeller). Let under stirring until no lump of Lecigel[™] remains.
- 3 Add C
- 4. Mix the ingredients of phase D together (Tooth propeller).
- 5. Slowly and progressively add phase D into phase ABC.
- 6. Slow down the mixing speed.
- 7. Add phase E and F one by one under slow mixing until the product is homogeneous.
- 8. The final viscosity will be obtained after 1 day.

FORMULA SPECIFICATIONS

%

78.20

0.10

1.20

1.00

4.00

12.00

1.00

1.50

1.00

FUNCTION

Humectant

Chelating agent

Gelling agent

Antioxidant

Fmollient

Emollient

Fragrance

Active inaredient

Refractive index adjuster

Aspect: Translucent yellowish gel Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): > 100 000 cP pH: NA Pilot batch: 28 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable

Vibrating table (400 rpm, 4h): Stable

THICK TEXTURE



THICK TEXTURE

Ecogel™

SO' SMOOTHIE AFTER SUN BUTTER

Ultra-sensorial rich balm with long-lasting tanning action

FORMULATION CHALLENGE

- 17% butter with:
- No recrystallization
- Ultra-slippery texture
- Non-greasy skin feel and guick absorption

FUNCTIONAL INGREDIENT Ecogel[™] (2.5%) - Gelling & emulsifying agent

- Thick emulsion (stabilized by the presence) of butter)
- Counteracts the greasy after feel of butter
- Very good spreadability

ACTIVE INGREDIENTS Abyssine[™] 657

- Soothing action

Melitane[™] GL

Long-lasting sun-kissed glow

Suprem'™ WP Shea

Nourishing and protecting actions

TEXTURE SIGNATURE**



INSPIRATION FOR



* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations



Salmon thick cream



1	M
	1.

- 3. Add C under medium stirring.
- 4. Add D into ABC under high stirring.
- 5. Increase stirring rate up to maximum level with rotor stator blender for 3 minutes.
- 6. Cool down under medium stirring.
- 7. Add E and F (ingredients one by one) below 40°C.
- 8. Adjust the pH at 5.2 (+/-0,1) with citric acid.

SO' SMOOTHIE AFTER SUN BUTTER 17,220,01 C185

IN	GREDIENT	INCI NAME	%	FUNCTION
Α	Deionized Water Dermofeel® PA-3	Water Sodium Phytate (and) Water (and) Alcohol	59.24 0.10	Vehicle Chelating agent
	Glycerin Unicert Red 07004-J Solution 0.1%	Glycerin Water (and) Cl 14700	5.00 0.72	Humectant Dye
	Unicert Yellow 08005-J Solution 0.1%	Water (and) CI 19140	1.74	Dye
В	Ecogel™	Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan	2.50	Gelling/emulsifying agent
С	Granlux [®] AOX-G3 Eco	Propanediol (and) Picea Abies Extract	1.00	Antioxidant
D	Cetiol® C5 Lipex® 102 Cotton Oil	Coco-Caprylate Butyrospermum Parkii (Shea) Butter Gossypium Herbaceum (Cotton) Seed Oil	2.00 17.00 2.00	Emollient Thickener Emollient
	Lanette® 22	Behenyl Alcohol	1.50	Thickener
E	Dermosoft® 1388 Eco	Glycerin (and) Water (and) Sodium Levulinate (and) Sodium Anisate	4.00	Preservative
F	Abyssine™ 657	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	0.50	Active ingredient
	Melitane™ GL	Glycerin (and) Water (and) Dextran (and) Acetyl Hexapeptide-1	0.50	Active ingredient
	Suprem [™] WP Shea	Water (and) Butyrospermum Parkii (Shea) Butter (and) Lecithin (and) Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate	2.00	Active ingredient
l	9401689	Fragrance	0.20	Fragrance

MANUFACTURING PROCEDURE

- Heat A and D up to 75°C.
- 2. Add Ecoael[™] under medium stirring and keep stirring for 30 minutes to develop the gel (Tooth propeller).
- - - Up to 1 month at 50°C
 - Up to 3 months at: RT, 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks) Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

FORMULA SPECIFICATIONS

1 min): 30 000 - 60 000 cP

Preservative efficacy test: Pass

pH: 5.0 - 5.3

Pilot batch: 23 kg

Aspect: Salmon cream, thick and smooth

Viscosity (Brookfield LV, spindle 4, 6 rpm,

STABILITY TESTS On lab batch up to 3 kg

THICK TEXTURE



SIMPLY BALM

Ultra-cushioned head to toe minimalist balm

FORMULATION CHALLENGE

- Sophisticated texture with only few ingredients
- · Lightness & freshness of a gel-cream
- Richness & comfort of a balm

FUNCTIONAL INGREDIENTS Lecigel[™] (2%) - Gelling & emulsifying agent

- Thick gel-cream
- Bouncy aspect
- Very cool sensation

Heliofeel[™] (1%) - Texture enhancer

- Melting sensation
- · Creamy and cushioning feeling
- · High comfort sensation without the heaviness

TEXTURE SIGNATURE**



INSPIRATION FOR

Day care Night care

.....

Б

Tube

Mask



Conditioner Mask



SIMPLY BALM 16.258.01 C173

INGREDIENT	INCI NAME	%	FUNCTION
A Deionized Water	Water	78.30	Vehicle
Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	0.10	Chelating agent
Glycerin	Glycerin	5.00	Humectant
Chlorphenesin	Chlorphenesin	0.30	Preservative
Phenoxyethanol	Phenoxyethanol	0.80	Preservative
B Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	2.00	Gelling/emulsifying agent
C Lipex [®] 102	Butyrospermum Parkii (Shea) Butter	5.00	Thickener
Lanette® 22	Behenyl Alcohol	2.00	Thickener
Dub Inin	Isononyl Isononanoate	5.00	Emollient
Heliofeel™	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	1.00	Texture enhancer
D Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.20	Antioxidant
E 5532937	Fragrance	0.30	Fragrance

MANUFACTURING PROCEDURE

- 1. Heat A and C up to 75°C.
- 2. Add B into A under strong stirring to develop the gel (Tooth propeller).
- 3. Add phase C and D (just before emulsifying) into AB under maximum stirring (Tooth propeller) and maintain stirring rate for 5 to 10 minutes to emulsify.
- 4. Cool down under medium stirring.
- 5. Add E below 40°C.

FORMULA SPECIFICATIONS

Aspect: White cream Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): > 100 000 cP pH: 5.0 - 6.0 Preservative efficacy test: Pass Pilot batch: 37 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C

Up to 3 months at: RT. 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)

Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations

RICHNESS

White cream

^{**}Tested by an internal panel

THICK TEXTURE



THICK TEXTURE

INGREDIENT

B Leciael™

D Lipex[®] 102

Exo-H™

A Deionized Water

Chlorphenesin

Phenoxyethanol

C Granlux[®] AOX-G3 Eco

E Suprem'™ WP Argan

Dermofeel® PA-3

RICHNESS

SO' SWEET WHIPPED BUTTER

Ultra-sophisticated moisturizing rich balm

FORMULATION CHALLENGE

- Minimalist formula
- 15% butter but:
- No recrystallization
- Non-greasy sensation
- Liaht skin feel
- Strong freshness

FUNCTIONAL INGREDIENT Lecigel[™] (2%) - Gelling & emulsifying agent

- Thick texture
- Cushioning and melting texture
- Freshness
- Counteracts the greasy after feel of butter

ACTIVE INGREDIENTS

Exo-H™

Deep skin hydration

Suprem'[™] WP Argan

Nourishing and protective actions

TEXTURE SIGNATURE**



INSPIRATION FOR Dav care









White thick cream

Fragrance

Stearate

SO' SWEET WHIPPED BUTTER 16,222,03 C170

Sodium Phytate (and) Water

Sodium Acrylates Copolymer

Propanediol (and) Picea Abies

Butyrospermum Parkii (Shea)

Water (and) Argania Spinosa

Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl

Water (and) Butylene Glycol

Kernel Oil (and) Lecithin (and)

INCI NAME

(and) Alcohol

Chlorphenesin

(and) Lecithin

Extract

Butter

Phenoxyethanol

Water

- 2. Add B into A and stir strongly until the product is thick and homogeneous (Tooth propeller).
- 4. Add D into ABC under maximum stirring and keep under stirring for 5 minutes (Tooth propeller).
- 5. Cool down under medium stirring.
- 6. Add E (ingredients one by one) and F below 40°C.

FORMULA SPECIFICATIONS

%

77.60

0.10

0.30

0.80

2.00

1.00

15.00

2.00

FUNCTION

Chelating agent

Gelling/emulsifying

Preservative

Preservative

Anti-oxidant

Thickener

1.00 Active ingredient

0.20 Fragrance

Active ingredient

Vehicle

agent

Aspect: White thick cream Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): > 100 000 cP pH: 5.5 - 6.5 Preservative efficacy test: Pass Pilot batch: 29 kg

STABILITY TESTS On lab batch up to 3 kg

Up to 1 month at 50°C Up to 3 months at: RT. 4-8°C and 45°C Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)

Centrifugation (3000 rpm, 20 min): Stable Vibrating table (400 rpm, 4h): Stable

* Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations

(and) Alteromonas Ferment Extract F 5573685 MANUFACTURING PROCEDURE

- 1. Heat A and D up to 75°C.
 - 3. Add C.



INNOVATIVE BY NATURE



www.lucasmeyercosmetics.com info@lucasmeyercosmetics.com

This brochure is not intended for consumers, and neither this brochure nor any extract thereof shall be used in order to commercialize products to consumers. No drawing, photograph or other extract derived from this brochure shall be used by any person without our prior written approval. Also, no claim with respect to the ingredients referred to in this brochure shall be made by any person without our prior written approval, even though the claim is set forth in this brochure. The person using the ingredients referred to in this brochure in the formulation of finished products is solely responsible for ensuring that the use made of the ingredients, the finished products marketed to consumers, their packaging, labelling and advertising materials and the claims made with respect to the finished products and the ingredients comply with all applicable laws and regulations. We hereby disclaim any warranty of suitability of the ingredients referred to in this brochure for any purpose. Any prospective user of the ingredients shall himself/herself determine the suitability of the ingredients for his/her intended use and, as the case may be, obtain the required regulatory approvals for the commercialization of his/her finished products

February 2020

