POLYMEREXPERT PRESENTS

ESTOGEL GREEN

Nature inspired polymer

INGRÉDIENTS 2021 COSMÉTIQUEMAG AWARDS

Formulation Guide 2021

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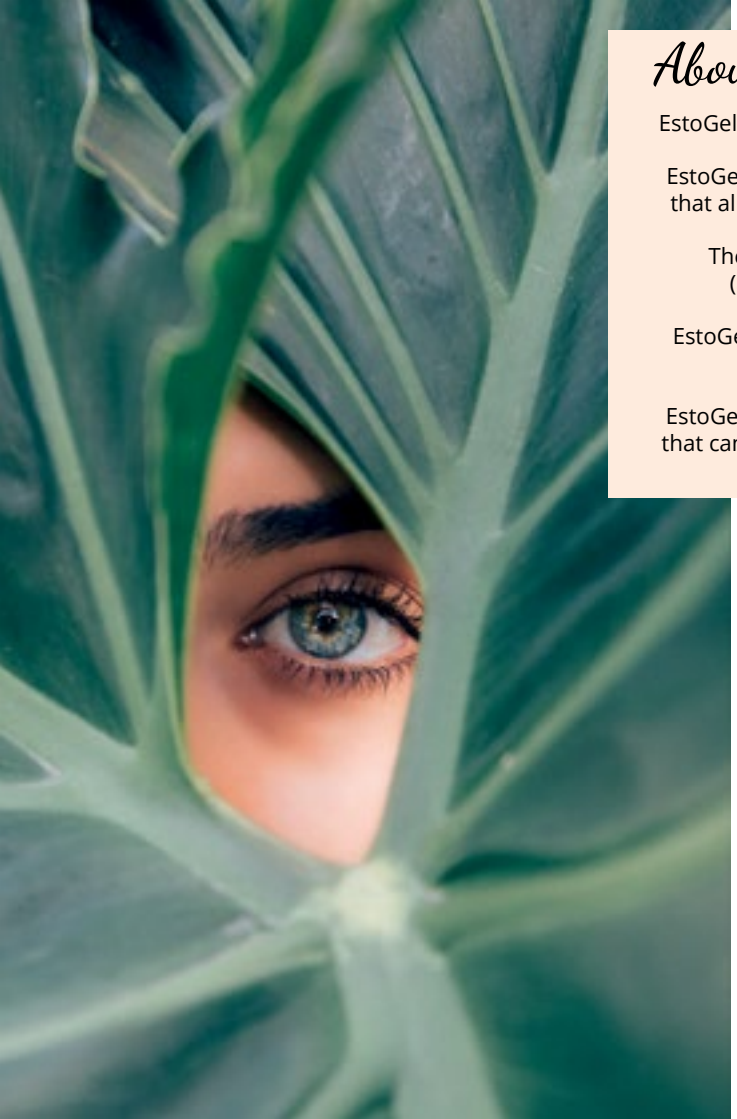
Table of content



About

EstoGel® Green is a new oil gelling agent, 100% natural origin and COSMOS approved.

EstoGel® Green is a rheology modifier with suspensive and rheofludifying properties that allows to create non brittle, transparent and sprayable gels with a very pleasant sensory touch.
The versatility of EstoGel® Green allows the development of various galenics (anhydrous formulas, emulsions, sticks...) for a multitude of applications.

EstoGel® Green process: introduce the EstoGel® Green in the oil phase and heat to 80°C under stirring.

EstoGel® Green meets the needs of cosmetic formulators for biosourced ingredients that can replace petroleum-based viscosifiers. EstoGel® Green, combines naturalness and performance to meet the challenges of tomorrow.

Features and benefits

- **Rheology modifier**

  Oil thickening agent
  Forms clear oily gels
  Creates innovative textures

- **Shear-thinner**

  Sprayable
  Pumpable
  Easy spreading

- **Sensory**

  Short-chain polymer
  Low molecular weight
  Light and neutral touch

- **Suspension**

  Suspensive ability from 1%
  Suspensive ability of particles: pigments, glitters, mineral filters
  Suspension of droplets in W/O emulsion
  Stabilizes emulsion

- **Other benefits**

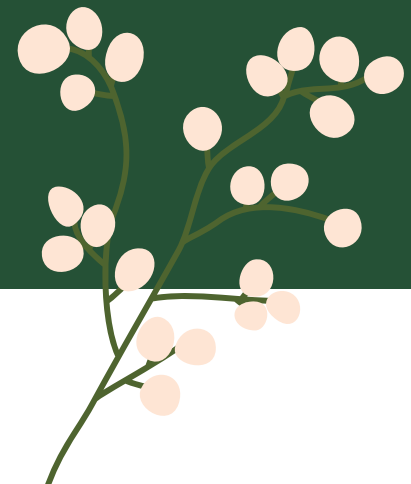
  Easy to disperse
  Controls waxes crystallization
  Improves pigment distribution

EstoGel Green

- INCI: Hydrogenated Castor Oil/Sebacic Acid Copolymer
- China INCI Compliant
- 100% biobased ISO 16128 (ION=1)
- COSMOS approved

EstoGel Green 40

- INCI: Caprylic/Capric Triglyceride (and) Hydrogenated Castor Oil/Sebacic Acid Copolymer
- China INCI Compliant
- 100% biobased ISO 16128 (ION=1)
- COSMOS approved
- RSPO



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Soothing face cream

Phase	Trade Name	INCI Name	Supplier	%
A	DEMINERALIZED WATER	WATER		70.20
A	PRESERVATIVES			1.00
B	GLYCERIN	GLYCERIN		3.00
B	KELTROL CG SFT	XANTHAN GUM	AZELIS / CP KELCO	0.20
C	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**3.00**
C	CETIOL C5 C	COCO-CAPRYLATE/CAPRATE	BASF	12.00
C	CETIOL OE	DICAPRYLYL ETHER	BASF	4.00
D	MONTANOV 202	ARACHIDYL ALCOHOL (AND) BEHENYL ALCOHOL (AND) ARACHIDYL GLUCOSIDE	SEPPIC	3.00
E	SUNSIL-150H	SILICA	IMPAG	1.00
F	PARFUM FRAICHEUR YUZU	FRAGRANCE	MANE	0.40
F	GATULINE SKIN-REPAIR BIO	ALCOHOL (AND) AQUA (AND) ONOPORDUM ACANTHIUM FLOWER/LEAF/STEM EXTRACT	GATTEFOSSE	2.00
F	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0.20

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Soothing face cream

Process

1. Add the ingredients of the PHASE A to the main beaker and homogenize
2. Premix the ingredients of PHASE B and add them to PHASE A under stirring and heat to 80°C
3. Add the PHASE C in a secondary beaker, heat to 80°C under slow stirring
4. At 80°C, stir for 20 minutes
5. Add the MONTAVOV 202 and homogenize
6. Make the emulsion pouring the oily phase in the aqueous phase and stir vigorously for 15 minutes
7. Cool to 60°C
8. Add the silica and homogenize
9. Cool to 40°C
10. Add the PHASE F and homogenize
11. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Creamy texture
- Fresh and light touch
- Moisturize

Functions of EstoGel Green 40

- Texturing agent
- Film former

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Silky Serum

Phase	Trade Name	INCI Name	Supplier	%
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	35.60
A	JOLEE 7750	ISOAMYL LAURATE	OLEON	15.00
A	CETIOL CC	DICAPRYLYL CARBONATE	BASF	20.00
A	CETIOL C5 C	COCO-CAPRYLATE/CAPRATE	BASF	25.00
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**2.50**
B	SUNPURO FINE WHITE	MICA (AND) TITANIUM DIOXIDE	MAPRECOS	0.50
C	GATULINE IN-TENSE MB	CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) SPILANTHER ACMELLA FLOWER EXTRACT	GATTEFOSSE	1.00
C	PARFUM FRAICHEUR YUZU	FRAGRANCE	MANE	0.40

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Silky serum

Process

1. Add the ingredients of the PHASE A to a beaker
2. Heat to 80°C with stirring
3. At 80°C, stir for 20 minutes
4. Cool to 60°C
5. Add the pearls and homogeneize
6. Cool to 40°C
7. Add the PHASE C and homogenize
8. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Oily serum with a silky appearance
- Youth and radiance concentrate

Functions of EstoGel Green 40

- Suspension of the pearls
- Shear-thinner oily gel

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Natural glowing oil

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**1.30**
A	CETIOL C5 C	COCO-CAPRYLATE/CAPRATE	BASF	50.00
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	27.35
A	CETIOL OE	DICAPRYLYL ETHER	BASF	15.00
A	WHEAT GERM OIL	TRITICUM VULGARE (WHEAT) GERM OIL		5.00
B	PARFUM MONOI ENSOLEILLE	FRAGRANCE	MANE	1.00
B	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0.20
C	SUNSHINE SOFT BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	0.09
C	SUNSHINE SUPER GLITTER BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	0.06

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Natural glowing oil

Process

1. Add the ingredients of the PHASE A to a beaker
2. Heat to 80°C with a slow stirring
3. At 80°C, stir for 20 minutes until the blend is perfectly transparent
4. Cool to 40°C
5. Add the PHASE B and homogenize
6. Add the PHASE C and homogenize
7. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Glittering liquid oil without sedimentation

Functions of EstoGel Green

- Suspension of the pearls
- Sprayable gel

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Smoothing primer

Phase	Trade Name	INCI Name	Supplier	%
A	DEMINERALIZED WATER	WATER		40.50
A	NaCl	SODIUM CHLORIDE		1.00
A	GLYCERIN	GLYCERIN		3.00
A	BUTYLENE GLYCOL	BUTYLENE GLYCOL		5.00
B	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10.00**
B	CETIOL CC	DICAPRYLYL CARBONATE	BASF	12.50
B	PLUROL DIISOSTEARIQUE CG	POLYGLYCERYL-3 DIISOSTEARATE	GATTEFOSSE	2.00
B	DEHYMULS PGPH	POLYGLYCERYL-2 DIPOLYHYDROXYSTEARATE	BASF	2.00
C	NWD-8462	TITANIUM DIOXIDE (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	17.74
C	NWD-9336	IRON OXIDES (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	1.50
C	NWD-7336	IRON OXIDES (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	0.58
C	NWD-2336	IRON OXIDES (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	0.18
D	SPECTRAFLEX ILLUSION	TALC (AND) TITANIUM DIOXIDE	MAPRECOS	3.00
E	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0.20
E	PARFUM VANILLE GOURMANDE	FRAGRANCE	MANE	0.80

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Smoothing Primer

Benefits of the formula

- Corrects imperfections
- Blurs and mattifies the complexion
- Effective coverage

Functions of EstoGel Green 40

- Gum-cream texture
- Film-forming effect

Process

1. Add the ingredients of the PHASE B in the main beaker
2. Heat to 85°C under stirring
3. At 85°C, stir moderately for 20 minutes
4. Add the pigments and stir until it is homogeneous
5. Add the ingredients of the PHASE A in a secondary beaker
6. Heat the PHASE A at 80°C under stirring
7. Make the emulsion pouring slowly the PHASE A into the main beaker and stir vigorously for 15 minutes
8. Cool to 60°C
9. Add the powder and homogenize
10. Cool to 40°C
11. Add the PHASE E and homogenize
12. Cool to 30 – 35°C and pour into a suitable packaging

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Lip cream terracotta

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10.00**
A	CASTOR OIL	RICINUS COMMUNIS (CASTOR) SEED OIL	HUILES BERTIN	28.00
A	LUSPLAN DD-DA7	DIMER DILINOLEYL DIMER DILINOLEATE	NIPPON FINE CHEMICAL	12.00
A	ARLAMOL HD-LQ	ISOHEXADECANE	CRODA	24.50
B	CANDELILLA WAX	EUPHORBIA CERIFERA (CANDELILLA) WAX	AROMAZONE	10.00
C	TiO2	TITANIUM DIOXIDE	MAPRECOS	2.00
C	NWD-2336	IRON OXIDES (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	0.08
C	SWD-4519	SYNTHETIC WAX (AND) RED 6	MAPRECOS	8.00
C	SWD-4511	SYNTHETIC WAX (AND) RED 7 LAKE	MAPRECOS	0.42
D	SUNSIL-150H	SILICA	SUNJIN BEAUTY SCIENCE	5.00

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Lip cream terracota

Process

1. Introduce in a beaker the ingredients of the PHASE A
2. Heat to 80°C under stirring
3. At 80°C, stir for 20 minutes
4. Add the wax and stir until it is completely melted and the blend is homogeneous
5. Disperse the pigments under high stirring
6. Cool to 60°C
7. Add the silica and homogenize
8. Pour into a suitable packaging
9. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- The blend of oils is texturized as a cream
- Creamy lip-gloss without a waxy touch

Functions of EstoGel Green 40

- Thick oily-waxy gel
- Film-forming effect

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Golden apricot eyeshadow

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10.00**
A	DUB PO	ETHYLHEXYL PALMITATE	STEARINERIE DUBOIS	25.00
A	ARLAMOL HD-LQ	ISOHEXADECANE	CRODA	20.00
B	RICE BRAN WAX	ORYZA SATIVA (RICE) BRAN WAX	AROMAZONE	8.00
B	BEESWAX	BEESWAX	AROMAZONE	7.00
C	SUNSIL-150H	SILICA	SUNJIN BEAUTY SCIENCE	10.16
D	SUNSHINE SOFT GOLD	SYNTHETIC FLUORPHLOGOPITHE (AND) TITANIUM DIOXIDE	MAPRECOS	15.80
D	SUNSHINE SOFT BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	4.00
D	SUNSHINE SUPER GLITTER BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	0.04

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Golden apricot eyeshadow

Process

1. Introduce in a beaker the ingredients of the PHASE A
2. Heat to 80°C under stirring
3. At 80°C, stir for 20 minutes
4. Add waxes and stir until they are completely melted and the blend is homogeneous
5. Disperse the pigments under high stirring
6. Cool to 70°C
7. Add the silica and homogenize
8. And glitters and homogenize
9. Pour into a suitable packaging

Benefits of the formula

- Very powdery stick
- Easy to apply

Functions of EstoGel Green 40

- Less brittle and more flexible stick
- Non-waxy feeling

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Everyday mascara

Phase	Trade Name	INCI Name	Supplier	%
A	BEESWAX	BEESWAX	AROMAZONE	5.00
A	CARNAUBA WAX	COPERNICIA CERIFERA (CARNAUBA) WAX	AROMAZONE	2.50
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10.00**
A	NWD-BLACK	IRON OXIDES (AND) HEPTYL UNDECYLENATE (AND) HYDROGENATED RAPESEED OIL	MAPRECOS	18.00
A	EMULIUM DELTA	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) PEG-75 STEARATE (AND) CETETH-20 (AND) STEARETH-20	GATTEFOSSE	4.00
A	GLYCERYL STEARATE	GLYCERYL STEARATE		1.00
A	AMPHISOL K	POTASSIUM CETYL PHOSPHATE	DSM	0.60
B	DEMINERALIZED WATER	WATER		56.60
B	EUXYL PE 9010	PHENOXYETHANOL (AND) ETHYLHEXYGLYCERIN	DKSH / SCHÜLKE & MAYR	0.90
C	PROPANEDIOL	PROPANEDIOL		1.00
C	KELTROL CG SFT	XANTHAN GUM	AZELIS / CP KELCO	0.40

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Everyday mascara

Process

1. Add the ingredients of the PHASE A in the main beaker
2. Heat to 85°C under stirring
3. At 85°C, stir moderately for 20 minutes
4. Add the pigments and stir until it is homogeneous
5. Add the ingredients of the PHASE B in a secondary beaker and homogenize
6. Make a premix dispersing xanthan gum in Propanediol
7. Add the premix in the PHASE B and homogenize under stirring
8. Heat the PHASE B+C at 80°C under stirring
9. Make the emulsion pouring slowly the PHASE B+C into the main beaker and stir vigorously for 15 minutes
10. Cool to 60°C and pour into a suitable packaging

Benefits of the formula

- A light textured mascara for every day

Functions of EstoGel Green 40

- Lower the amount of wax
- Stabilizes the emulsion

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Comfort cleansing oil

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**7.50**
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	40.00
A	JOJOBA OIL	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL		5.00
A	SUNFLOWER OIL	HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	OLISUD	30.80
A	JOLEE 7750	ISOAMYL LAURATE	OLEON	10.00
B	DUROSOFT PG40	POLYGLYCERYL-4 OLEATE	STEPHENSON	5.00
B	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0.20
C	GATULINE IN-TENSE MB	CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) SPILANTHES ACMEMMA FLOWER EXTRACT	GATTEFOSSE	1.00
C	PARFUM FRAICHEUR YUZU	FRAGRANCE	MANE	0.50

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Comfort cleansing oil

Process

1. Add the ingredients of the PHASE A in the main beaker
2. Heat to 80°C under stirring
3. At 80°C, stir for 20 minutes
4. Introduce the ingredients of the PHASE B in the gel and homogenize until the blend is clear and uniform
5. Cool to 40°C
6. Add the PHASE C and homogenize
7. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Oily gel texture
- Comfortable application

Functions of EstoGel Green 40

- As a rheology modifier
- Forms a transparent oily gel

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Satin gold Suncare oil

Phase	Trade Name	INCI Name	Supplier	%
A	PARASOL HMS	HOMOSALATE	DSM	10.00
A	PARSOL EHS	ETHYLHEXYL SALICYLATE	DSM	5.00
A	PARSOL 340	OCTOCRYLENE	DSM	10.00
A	PARSOL 1789	BUTYL METHOXYDIBENZOYLMETHANE	DSM	3.00
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**4.00**
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	35.30
A	CETIOCL C5 C	COCO-CAPRYLATE/CAPRATE	BASF	20.00
A	CETIOL B	DIBUTYL ADIPATE	BASF	12.00
B	SUNSHINE SOFT GOLD	SYNTHETIC FLUORPHLOGOPITE (AND) TITANIUM DIOXIDE	MAPRECOS	0.20
B	PARFUM MONOI	FRAGRANCE	H.REYNAUD&FILS	0.50

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Satin gold suncare oil

Process

1. Add the ingredients of the PHASE A in a beaker
2. Heat to 80°C under stirring
3. At 80°C and if the sunscreens are completely solubilized, stir for 20 minutes
4. Cool to 40°C under slow stirring
5. Add the PHASE B and homogenize
6. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Oil with a satin appareance
- Invisible and shiny skin finish

Functions of EstoGel Green 40

- Comptaible with organic sunscreens
- Suspension of glitters

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Natural suncare

Phase	Trade Name	INCI Name	Supplier	%
A	DEMINERALIZED WATER	WATER		56.00
A	NaCl	SODIUM CHLORIDE		1.00
A	GLYCERIN	GLYCERIN		3.00
B	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**1.00**
B	SFT 85 CCTG	TITANIUM DIOXID (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) SILICA (AND) JOJOBA ESTERS (AND) POLYHYDROXYSTEARIC ACID	IMPAG	25.00
B	CETIOL CC	DICAPRYLYL CARBONATE	BASF	9.50
C	PLUROL DIISOSTEARIQUE CG	POLYGLYCERYL-3 DIISOSTEARATE	GATTEFOSSE	2.00
C	DEHYMULS PGPH	POLYGLYCERYL-2 DIPOLYHYDROXYSTEARATE	BASF	2.00
D	PARFUM MONOI ENSOLEILLE	FRAGRANCE	MANE	0.50

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Natural suncare

Process

1. Add the ingredients of the PHASE B in the main beaker and heat to 80°C under stirring
2. At 80°C, stir for 20 minutes
3. Cool to 40°C
4. Add the PHASE C in the main beaker
5. Add the ingredients of the PHASE A in a secondary beaker and homogenize under stirring
6. Pour slowly PHASE A into PHASE B+C under stirring and make the emulsion
7. Add the fragrance and homogenize

Benefits of the formula

- Spreading more homogeneous
- Protection optimized

Functions of EstoGel Green 40

- Compatible with mineral sunscreen
- Film-former

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Self tanning creamy lotion

Phase	Trade Name	INCI Name	Supplier	%
A	DEMINERALIZED WATER	WATER		55.60
A	EDTA	DISODIUM EDTA		0.10
A	EUXYL PE 9010	PHENOXYETHANOL (AND) ETHYLEXYLGLYCERIN	DKSH / SCHÜLKE & MAYR	1.00
B	GLYCERIN	GLYCERIN		8.00
B	KELTROL CGF SFT	XANTHAN GUM	AZELIS /C P KELCO	0.10
C	SEPINOV EMT 10	HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYDIMETHYL TAURATE COPOLYMER	SEPPIC	0.40
D	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**2.50**
D	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	8.00
E	LANETTE O OR	CETEARYL ALCOHOL	BASF	2.50
E	COCONUT BUTTER	COCOS NUCIFERA (COCONUT) OIL (AND) HYDROGENATED COCONUT OIL	NATUROCHIM	1.00
E	MONTANOV 68 MB	CETEARYL ALCOHOL (AND) CETEARYL GLUCOSIDE	SEPPIC	3.00
F	DEMINERALIZED WATER	WATER		8.00
F	DHA	DIHYDROXYACETONE		4.00
G	ALCOHOL	ALCOHOL		5.00
G	PARFUM MONOI ENSOLEILLE	FRAGRANCE	MANE	0.50
H	CITRIC ACID (SOL.10%)	WATER (AND) CITRIC ACID		0.30

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Self tanning creamy lotion

Benefits of the formula

- Creamy gel with a smooth application
- Homogeneous spreading

Functions of EstoGel Green 40

- Texturizes and stabilizes the emulsion
- Film-former

Process

1. Add the ingredients of the PHASE A in the main beaker and homogenize
2. Make a premix dispersing xanthan gum in glycerin and add the premix B in the PHASE A and homogenize under stirring
3. Add the SEPINOV EMT 10 in the PHASE A+B and stir until the gel is uniform
4. Heat PHASE A+B+C to 80°C
5. Add the ingredients of the PHASE D in a secondary beaker
6. Heat to 80°C under stirring
7. At 80°C, stir for 20 minutes
8. Add the ingredients of the PHASE E in the PHASE D and homogenize
9. Make the emulsion pouring the oily phase D+E in the aqueous phase A+B+C and stir vigorously for 15 minutes
10. Cool to 35°C
11. Make a premix solubilizing DHA in water
12. Add the premix F in the emulsion and homogenize
13. Add the PHASE G and homogenize
14. Adjust the pH with the PHASE H (it must be between 3,5 and 4,5)

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Precious hair oil

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**5.00**
A	CASTOR OIL	RICINUS COMMUNIS (CASTOR) SEED OIL	HUILES BERTIN	25.00
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFFOSSE	25.00
A	JOJOBA OIL	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL		24.00
B	CETIOL OE	DICAPRYLYL ETHER	BASF	20.00
C	PARFUM MONOI ENSOLEILLE	FRAGRANCE	MANE	1.00

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Precious hair oil

Process

1. Add the ingredients of the PHASE A to a beaker
2. Heat to 80°C with a stirring
3. At 80°C, stir for 20 minutes
4. Cool to 60°C
5. Add the PHASE B to the PHASE A and stir for 15 minutes
6. Cool to 40°c
7. Add the fragrance and homogenize
8. Cool to 30 – 35°C and pour into a suitable packaging

Benefits of the formula

- Repairs split ends
- Smoothes hair fibers

Functions of EstoGel Green

- Makes a transprent oily gel
- Substantivity on hair

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Click pen tonka

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL GREEN 40**	**CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**12.50**
A	DUB 810	COCO-CAPRYLATE/CAPRATE	STEARINERIE DUBOIS	57.50
B	CETIOL ULTIMATE	UNDECANE (AND) TRIDECANE	BASF	10.00
C	PARFUM BOIS DE TONKA	FRAGRANCE	MANE	20.00

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Process

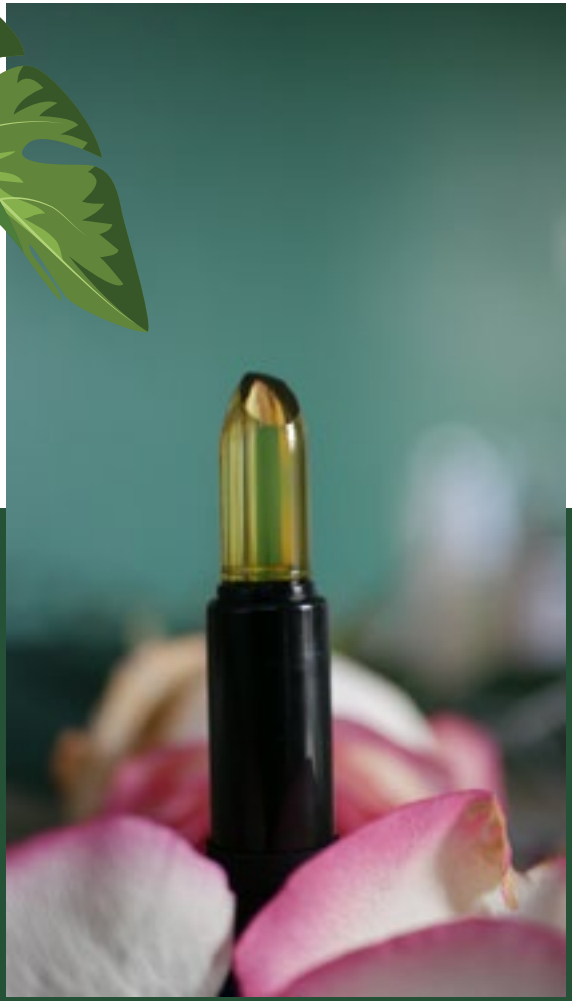
1. Introduce EGC40 and DUB 810 in a beaker
2. Heat the blend to 80°C under stirring
3. At 80°C stir for 30 minutes under high shear without incorporating air bubbles
4. Cool to 70°C
5. Add CETIOL ULTIMATE and stir for 15 minutes
6. Cool to 40°C
7. Add the perfume and stir for 15 minutes
8. Cool to 30-35°C and pour into a click pen

Benefits of the formula

- Creates innovative fragrances without alcohol

Functions of EstoGel Green 40

- Gelifies formulas with high concentration of fragrance



Perfect Match !

The ultimate combination: EstoGel M and EstoGel Green for creative cosmetics

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Clear lipstick

Phase	Trade Name	INCI Name	Supplier	%
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	48,99
A	CASTOR OIL	RICINUS COMMUNIS (CASTOR) SEED OIL	HUILES BERTIN	8,00
A	**ESTOGEL M**	**CASTOR OIL/IPDI COPOLYMER (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE**	**POLYMEREXPERT**	**28,00**
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10,00**
A	LUISPLAN DD-DDA7	DIMER DILINOLEYL DIMER DILINOLEATE	NIPPON FINE CHEMICAL	4,00
B	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0,50
B	PARFUM COCO BBF-35	FRAGRANCE		0,50
B	NACRE FINE ROSE	TITANIUM DIOXIDE (AND) MICA		0,01

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Clear lipstick

Process

1. Introduce the ingredients of the PHASE A in a vessel
2. Heat the blend under stirring at 100°C
3. At 100°C, stir for 30 minutes until the blend is completely uniform and transparent
4. Cool to 80°C
5. Add the ingredients of the PHASE B and homogenize
6. Pour into a mold or a suitable packaging

Benefits of the formula

- Clear lipstick

Benefits of the combinaison

- Balance between the hardness of EstoGel
- M and the flexibility of EstoGel Green

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Balm in oil

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL M**	**CASTOR OIL/IPDI COPOLYMER (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE**	**POLYMEREXPERT**	**2,00**
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**2,00**
A	LABRAFAC CC	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSE	37,35
A	CASTOR OIL	RICINUS COMMUNIS (CASTOR) SEED OIL	HUILES BERTIN	37,00
B	BEESWAX	BEESWAX		8,00
C	CETIOL SB 45	BUTYROSPERMUM PARKII (SHEA) BUTTER	BASF	8,00
D	SUNSIL 150H	SILICA	IMPAG	5,00
E	SUNSHINE SOFT BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	0,10
E	SUNSHINE SUPER GLITTER BRONZE	SYNTHETIC FLUORPHLOGOPITHE (AND) IRON OXIDES	MAPRECOS	0,05
F	PARFUM MONOI ENSOLEILLE	FRAGRANCE	MANE	0,50

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Balm in oil

Process

1. Introduce the ingredients of the PHASE A in a vessel
2. Heat to 100°C under stirring
3. At 100°C, stir for 30 minutes until the blend is perfectly transparent and uniform
4. Cool to 80°C
5. Introduce the wax and homogenize
6. Cool to 60°C
7. Introduce the butter and homogenize
8. Introduce the silica and homogenize
9. Introduce the glitters and homogenize
10. Introduce the fragrance and homogenize
11. Pour into a suitable packaging

Benefits of the formula

- Balm with a creamy pick-up

Benefits of the combinaison

- Balance between the hardness of EstoGel M and the flexibility of EstoGel Green

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Clear sunstick

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL M**	**CASTOR OIL/IPDI COPOLYMER (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE**	**POLYMEREXPERT**	**30,00**
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10,00**
A	CETIOL B	DIBUTYL ADIPATE	BASF	10,40
A	DUB DIPA	DIISOPROPYL ADIPATE	STEARINERIE DUBOIS	10,00
A	PARSOL HMS	HOMOSALATE	DSM	9,00
A	PARSOL 340	OCTOCRYLENE	DSM	9,00
A	PARSOL EHS	ETHYLHEXYL SALICYLATE	DSM	4,50
A	UVINUL T 150	ETHYLHEXYL TRIAZONE	BASF	4,20
A	UVINUL A PLUS GRANULAR	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	BASF	9,00
A	TINOSORB S	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	BASF	2,70
B	COPHEROL 1250 C	TOCOPHERYL ACETATE	BASF	0,20
B	PARFUM MONOI	FRAGRANCE	H. REYNAUD & FILS	1,00

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Clear sunstick

Process

1. Introduce the ingredients of the PHASE A in a vessel
2. Heat the blend under stirring at 100°C
3. At 100°C, stir for 30 minutes until the blend is completely uniform and transparent
4. Cool to 80°C
5. Add the ingredients of the PHASE B and homogenize
6. Pour into a mold or a suitable packaging

Benefits of the formula

- Clear sunstick

Benefits of the combinaison

- Balance between the hardness of EstoGel M and the flexibility of EstoGel Green

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Clear perfumed stick

Phase	Trade Name	INCI Name	Supplier	%
A	**ESTOGEL M**	**CASTOR OIL/IPDI COPOLYMER (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE**	**POLYMEREXPERT**	**30,00**
A	**ESTOGEL GREEN**	**HYDROGENATED CASTOR OIL/SEBACIC ACID COPOLYMER**	**POLYMEREXPERT**	**10,00**
A	DUB 810	COCO-CAPRYLATE/CAPRATE	STEARINERIE DUBOIS	40,00
B	PARFUM MONOI	FRAGRANCE	H. REYNAUD & FILS	20,00

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Clear perfumed stick

Process

1. Introduce the ingredients of the PHASE A in a vessel
2. Heat the blend under stirring at 100°C
3. At 100°C, stir for 30 minutes until the blend is completely uniform and transparent
4. Cool to 80°C
5. Add the ingredients of the PHASE B and homogenize
6. Pour into a mold or a suitable packaging

Benefits of the formula

- Clear fragrance without alcohol
- Discrete touch of perfume

Benefits of the combinaison

- Balance between the hardness of EstoGel M and the flexibility of EstoGel Green

Notes

Notes

Disclaimer

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