

POLYMEREXPERT PRESENTS SUN COLLECTION



SATIN GOLD SUNCARE OIL

A pearly sun oil with a satiny skin finish



Phase	Trade Name	INCI name	%
A	EstoGel® Green	Hydrogenated Castor Oil/Sebacic Acid Copolymer	1,00
	Uvinul® T150	Ethylhexyl Triazone	4,00
	Parsol® EHS	Ethylhexyl Salicylate	4,50
	Uvinul® A Plus Granular	Diethylamino Hydroxybenzoyl Hexyl Benzoate	5,00
	Tinosorb® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2,70
	Labrafac CC	Caprylic/Capric Triglyceride	42,60
	Cetiol® C5 C	Coco-Caprylate/Caprate	20,00
	DUB DIS	Diisopropyl Sebacate	10,00
	DUB DIPA	Diisopropyl Adipate	9,50
B	Sunshine® Soft Gold	Synthetic Fluorophlogopite (and) Titanium Dioxide	0,20
C	Parfum Monoï	Fragrance	0,50

Heat up A to 80°C under stirring
 At 80°C, disperse the polymer for 20 minutes to have a clear and homogeneous blend
 Cool slowly to 35°C under low stirring
 Add B and stir until the blend is homogeneous
 Add C and stir until the blend is homogeneous

*Expected SPF = 31.6
 Measured SPF = 34.7*

NATURAL SUNCARE

A 100% natural, non-sticky sun care which provides smoothness and a pleasant skin feel

Phase	Trade Name	INCI name	%
A	Demineralised Water	Aqua	41,50
	Sodium Chloride	Sodium Chloride	1,00
	Glycerin	Glycerin	3,00
B	EstoGel® Green	Hydrogenated Castor Oil/Sebacic Acid Copolymer	2,00
	UV Cut TiO2-55-CG	Titanium Dioxide (and) Caprylic/Capric Triglyceride (and) Stearic Acid (and) Alumina (and) Polyhydroxystearic Acid	14,00
	Z-Cote®	Zinc Oxide	14,00
	Cetiol® C5 C	Coco-Caprylate/Caprate	20,00
C	Plurol Diisostearique CG	Polyglyceryl-3 Diisostearate	2,00
	Dehymuls PGPH	Polyglyceryl-2 Dipolyhydroxystearate	2,00
D	Parfum Monoï	Fragrance	0,50

In the main beaker, introduce B and heat up to 80°C under stirring
 At 80°C, stir for 30min
 Cool down to 40°C, add C to B and stir for 5 min
 In a secondary beaker, introduce A and solubilise NaCl
 Make the emulsion pouring A into B+C for 15 min
 Add D and homogenise

Expected SPF = 25.5



OLEOSUN SERUM

The first serum with SPF in an innovative galenic with high performance oily micro-droplets



Phase	Trade Name	INCI name	%
A	EstoGel® Max	Castor Oil/IPDI Copolymer (and) Caprylic/Capric Triglyceride (and) Hydrogenated Castor Oil/Sebacic Acid Copolymer	7,00
	Uvinul® T150	Ethylhexyl Triazone	2,25
	Uvinul® A Plus Granular	Diethylamino Hydroxybenzoyl Hexyl Benzoate	2,50
	Tinosorb® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2,50
	Parsol® EHS	Ethylhexyl Salicylate	5,00
	DUB DIPA	Diisopropyl Adipate	9,50
	Paprika Bio Extractive	Helianthus Annuus Seed Extract (and) Capsicum Annum Fruit Extract (and) Rosmarinus Officinalis Leaf Extract	0,10
B	Demineralised Water	Aqua	64,25
	Phenoxyethanol	Phenoxyethanol	0,60
	Covarine White WN 9787	CI 77891 (and) Aqua (and) Glycerin (and) Xanthan Gum (and) Sodium Citrate	0,20
	Carbopol® Ultrez 10	Carbomer	0,18
C	Parfum Monoï	Fragrance	0,50
D	Glycerin	Glycerin	5,00
	Rhodicare® T	Xanthan Gum	0,20
E	Sodium Hydroxide (sol. 10%)	Aqua (and) Sodium Hydroxide	0,22

Heat up A to 90°C under stirring with high shear
 At 90°C, disperse the polymer for 30 minutes with high shear
 Cool down to 80°C, add C to A and mix well
 Add B into the main beaker and swell the carbomer
 Add A+C to B stirring with a low shear (around 500rpm) for 10 minutes
 Premix D with xanthan gum into glycerin and add it to the blend under stirring
 Neutralize the carbomer with E

Expected SPF = 21,5

CLEAR SUNSTICK

On-the-go transparent sun stick with a high protection and an invisible finish

Phase	Trade Name	INCI name	%
A	EstoGel® Max	Castor Oil/IPDI Copolymer (and) Caprylic/Capric Triglyceride (and) Hydrogenated Castor Oil/Sebacic Acid Copolymer	50,00
	Cetiol® B	Dibutyl Adipate	6,20
	DUB DIPA	Diisopropyl Adipate	11,00
	Cetiol® CC	Dicaprylyl Carbonate	1,90
	Parsol® 340	Octocrylene	9,00
	Parsol® EHS	Ethylhexyl Salicylate	4,50
	Uvinul® T150	Ethylhexyl Triazone	4,50
	Uvinul® A Plus Granular	Diethylamino Hydroxybenzoyl Hexyl Benzoate	9,00
	Tinosorb® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2,70
	B	Parfum Monoï	Fragrance
Paprika Bio Extractive		Helianthus Annuus Seed Extract (and) Capsicum Annum Fruit Extract (and) Rosmarinus Officinalis Leaf Extract	0,20

Heat up A to 85°C and homogenize for 30 minutes
 Cool down to 80°C
 Add B and mix for 5 minutes
 Pour into a suitable packaging

Expected SPF = 51.6
 Measured SPF = 71.4

