



## Formulation

# LumiProtect Foundation SPF 30

F017-6.1f-1125

Moisturizing W/O Make-up foundation with a mineral sunscreen and a charming skin feel!

Natural content cn: 47.5%, Natural origin content cno: 99.7% (ISO 16128)

Phase	Ingredients	Manufacturer	Dose (% W/W)
<b>A</b>	Water, deionized (Aqua)	various	36.25
	Sodium Chloride (Sodium Chloride)	various	1.00
	Zinc Sulfate Heptahydrate (Zinc Sulfate Heptahydrate)	various	0.45
	<b>TEGO® Natural Betaine 2.0</b> (Betaine)	<b>Evonik</b>	5.00
	Glycerin 99,5%, Ph. Eur. (Glycerin)	Cremer Oleo	2.50
<b>B</b>	<b>ISOLAN® DisperPlus</b> (Polyglyceryl-4 Diisostearate/ Polyhydroxystearate/ Sebacate, Polyhydroxystearic Acid)	<b>Evonik</b>	5.00
	<b>TEGOSOFT® BC MB</b> (Butylene Glycol Dicaprylate/Dicaprate)	<b>Evonik</b>	12.00
	<b>ECOHANCE® Soft Baobab</b> (Adansonia Digitata Seed Oil)	<b>Evonik</b>	2.00
	<b>dermofeel® Toco 70 non GMO</b> (Tocopherol, Helianthus Annuus (Sunflower) Seed Oil)	<b>Evonik</b>	0.30
<b>B1</b>	Eclipse Z1-ZST (Zinc Oxide; Zinc Stearate)	Uviva Technologies	20.00
<b>C</b>	Unipure White LC 987 BA (CI 77891, Persea Gratissima Oil, Hydrogenated Vegetable Oil, Tocopherol)	Sensient Technologies	5.00
	Unipure Yellow LC 182 BA (CI 77492, Persea Gratissima Oil, Hydrogenated Vegetable Oil, Tocopherol)	Sensient Technologies	1.20
	Unipure Red LC 381 BA (CI 77491, Persea Gratissima Oil, Hydrogenated Vegetable Oil, CI 77499, Tocopherol)	Sensient Technologies	0.20
	Unipure Black LC 989 BA (CI 77499, Persea Gratissima Oil, Hydrogenated Vegetable Oil, Tocopherol)	Sensient Technologies	0.10
<b>D</b>	<b>TEGOSOFT® DC MB</b> (Decyl Cocoate)	<b>Evonik</b>	7.00
	<b>SPHINOX® Defenda</b> (Hydroxybutyryl Phytosphingosine)	<b>Evonik</b>	0.10
	<b>TEGO® FILMSTAR One MB</b> (Polyglyceryl-3 Stearate/Sebacate Crosspolymer)	<b>Evonik</b>	0.50
<b>E</b>	Perfume	various	0.45
	<b>dermosoft® 250 eco</b> (Phenylpropanol)	<b>Evonik</b>	0.40
	<b>dermosoft® Hexiol</b> (1,2-Hexanediol)	<b>Evonik</b>	0.30
	<b>dermofeel® TEC eco</b> (Triethyl Citrate)	<b>Evonik</b>	0.25

## PROCESSING

1. Dissolve ingredients of phase A while stirring at room-temperature.
2. Mix ingredients of phase B at 60°C and add phase B1. Stir for appr. 10 min. until the phase is uniform.
3. Premix and grind phase C and add to phase B/B1. Homogenize until a homogenous paste is obtained.
4. Heat phase D to appr. 105°C while stirring until clearly dissolved.
5. Combine phases B/B1/C/D. Homogenize. Keep temperature at 75°C.
6. Emulsify phase A slowly and stepwise to the oil / pigment phase while stirring and homogenizing.
7. Start to cool down while stirring and add ingredients of phase E below 40°C.

## APPEARANCE

brown emulsion

## VISCOSITY

10 - 20 P\*as (Brookfield RV (21°C); sp. TF helipath; 10 rpm)

## STABILITY TEST

Proven

## MICROBIOLOGICAL SAFETY

Challenge test passed

### Disclaimer

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