

## Sun Care Lotion SPF 30

Raw Material	INCI Name	w/w (%)
<b>Phase A</b>		
Water	Aqua	ad 100,00
Glycerine 99,5%	Glycerin	3,00 %
Avicel PC 591	Microcrystalline Cellulose. Cellulose Gum	1,50
Keltrol CG-SFT	Xanthan Gum	0,30
Lanette E	Sodium Cetearyl Sulfate	0,75
Disodium EDTA	Disodium EDTA	0,05
<b>Phase B</b>		
Eusolex T Easy	Titanium Dioxide (and) Silica (and) Cetyl Phosphate	8,50 %
<b>Phase C</b>		
Eumulgin VL75	Lauryl Glucoside, Polyglyceryl-2 Dipolyhydroxystearate, Glycerin	3,00 %
Lipex Bassol C™	Olus Oil	5,00
Lipex PreAct™	Canola Oil	2,00
Lipex SheaLight™	Shea Butter Ethyl Esters	12,00
Lanette O	Cetearyl Alcohol	2,00
Tinosorb S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2,00
Uvinul A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	3,00
Uvinul MC 80	Ethylhexyl Methoxycinnamate	3,00
Uvinul T150	Ethylhexyl Triazone	3,00
<b>Phase D</b>		
Optiphen Plus	Phenoxyethanol, Capryloyl Glycol, Sorbic Acid	1,00 %
Rosamox	Helianthus Annuus Seed Oil (and) Rosmarinus officinalis Leaf Extract	0,30
Carruba Aromatic Vanilla & Thyme Extract Blend N1493	see supplier's information	0,70

### Procedure

- 1 Add slurry of biogum with glycerol to water while mixing energetic
- 2 Blend biogums with glycerol
- 3 Add remaining ingredients of A
- 4 Heat phases A and C to 80-85C
- 5 Add B to C and mix until fully dispersed
- 6 Add B+C to A
- 7 Homogenize
- 8 Cool to 40C while stirring
- 9 Add D during stirring
- 10 Cool to 30C while stirring and adjust pH

The information given concerning the application and product technology represents our state of knowledge and no claims are made as to its completeness. The information given does not free the user of his own responsibility for comprehensive testing before production. We therefore disclaim any responsibility for the accuracy of the information given.

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# Formulation



Lotion with SPF factor 30, suitable for face and body care both. It carries both organic and inorganic UV filters solved and dispersed in Lipex SheaLight. This light ester allows forming lower viscosity emulsions with good deposition on skin surface and minimized ghosting effect and tackiness.

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