

# LIGHT MINERAL SUN CREAM SPF 30 calculated

## with PuraBeet and RICE PO<sub>4</sub> NATURAL

**"Formulated and developed by SLI Chemicals (SLI-054)"**

All-mineral and natural light sun cream based on Zinc Oxide as single UV – Filter. This formula fits very well in daily skincare routine, yet is also perfect as facial or body sunscreen with Broadband UV – spectrum. RICE PO<sub>4</sub> NATURAL effects a pleasant texture, a good spreadability and a smooth skin feel with reduced oiliness. PuraBeet Betaine is added for moisturization of skin.

Ingredients	INCI-Name	% w/w	Function	Supplier
<b>Phase A</b>				
Water demin.	Aqua	QS		
<b>PuraBeet® Betaine Anhydrous</b>	<b>Betaine</b>	<b>2,00</b>	<b>Humectant</b>	<b>AGRANA</b>
Bioecto Ectoine	Ectoin	0,20	Active	SLI Chemicals
Xanthan Gum	Xanthan Gum	0,20	Thickener	
<b>RICE PO<sub>4</sub> NATURAL</b>	<b>Distarch Phosphate</b>	<b>3,00</b>	<b>Sensory Enhancement</b>	<b>AGRANA</b>
<b>Phase B</b>				
EMULPHARMA® K10 RSPO MB	Cetearyl Glucoside, Sorbitan Olivat, Cetearyl Alcohol	3,00	Emulsifier	SLI Chemicals/ Sharon Personal Care
EMULPHARMA® MIMESIS RSPO MB	Glycerin, Polyglyceryl-3 Cocoate, Hydrogenated Lecithin, Lecithin, Aqua	3,00	Emulsifier	SLI Chemicals/ Sharon Personal Care
Lanette® 16	Cetyl Alcohol	0,50	Stabilizer	BASF
Sharofeel DS	Diocetyl dodecyl Succinate	3,00	Emollient	SLI Chemicals/ Sharon Personal Care
Gilsolide® HVN	C13-14 Alkane, Polyglyceryl-4 Oleate, Glyceryl Olivat	3,00	Emollient	SLI Chemicals/ GILAS sas
Eclipse® D1-CCT65	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid	31,00	UV-Filter	SLI Chemicals/ Uviva Technologies
<b>Phase C</b>				
Preservative	Sorbitan Caprylate, Benzyl Alcohol	1,50	Preservative	
Parfum oil Sun & Beach	Parfum	0,50	Perfume	Frey & Lau GmbH

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### SPECIFICATION:

<b>Appearance:</b>	White lotion
<b>pH-value:</b>	7,40 – 7,80
<b>Viscosity:</b>	approx. 11000 mPas (IKA Rotavisc me-vi, SP9, 5rpm, 20°C)
<b>Stability:</b>	Stable for 3 months at 4°C, 20°C, 40°C, 1 month at 45°C

### PROCEDURE:

1. Mix the components of phase A while stirring and heat up to 80°C.
2. Mix the components of phase B while stirring and heat up to 80°C.
3. Add phase B to phase A and homogenize for 5 –10 minutes.
4. Cool down to 35°C and add phase C.
5. Set pH-value if necessary.



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