


Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Cream/Lotion	All	Moisturization Anti-Aging Waterproof Sun protection	All	Modified Hot Process	Water resistant mineral sunscreen (SPF 50)

**Key Ingredients**

Trade Name	INCI Name	Wt%
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**PHASE A**

Cetiol OE (BASF)	Dicaprylyl Ether	6.000
Granlux TGL- 50 (Granula)	Titanium Dioxide, Capric Triglyceride, Polyglyceryl-2-Dipolyhydroxystearate, Polyglyceryl-3 Disostearate Alumina, Stearic Acid	24.00
Zinclear IM 50 CCT (Antaria)	Zinc Oxide, Capric Triglyceride, Glyceryl Isostearate, Polyhydroxystearic Acid	16.00
Campo Monoi (BioOrganic)	Cocos Nucifera (Coconut Oil), Gardenia Tahitensis Flower	2.00
Campo Coffee Oil (BioOrganic)	Coffee Arabica (Coffee) Seed Oil	2.00
Beeswax 421P (Koster Kuenan)	Beeswax	2.00
Lipocol C (Vantage)	Cetyl Alcohol	2.00

**PHASE B**

<b>Hydresia®SF2 (Botaneco)</b>	<b><i>Carthamus Tinctorius (Safflower) Oleosomes + Water</i></b>	<b>20.00</b>
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**PHASE C**

Water	Aqua	QS
Glycerin	Glycerin	5.00
Plantservative WSR (Campo)	Lonicera Caprifolium (Honeysuckle) Flower Extract, Lonicera Japonica	0.80

**PHASE D**

Citric Acid 25%	Citric Acid	0.50
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**Procedure**

1. Weight together all the ingredients of Phase A and heat to 75 - 80°C. When homogenous, cool to 55 to 60°C.
2. Add Phase B and maintain the temperature at 55 to 60°C
3. In a separate vessel, weight all ingredients of phase C.
4. Adjust the pH of Phase C with Phase D between 7.0-7.5
5. Heat Phase CD) to 55 - 60°C and add slowly to phase AB). The addition should take 20 minutes.
6. Homogenize at 3000 rpm for 1 minutes (Lab scale) 7. Cool down to room temperature while mixing with side scraper.  
Viscosity: Brookfield RVF (Spindle #6 @ 10 rpm): 83000 cps Formula passed 3 months of accelerated stability at 45°C

**Sales & Technical Support**

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