


Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	SPF	All	Anti-aging Protect	All	Heat Process	Lightweight, antiaging SPF Daily Wear Lotion

Key Ingredients		
Trade Name	INCI Name	Wt%
PHASE A		
CapSol™ (Botaneco)	<i>Carthamus tinctorius</i> (Safflower) Oleosomes & <i>Carthamus Tinctorius</i> Seedcake	11.70
OMC	Ethylhexyl Methoxycinnamate	2.00
PHASE B		
Avobenzene	Butyl Methoxydibenzoylmethane	0.75
Finsolv PG-22	Dipropylene Glycol Dibenzoate	2.70
PHASE C		
Lexfeel N100	Diheptyl Succinate (and) Capryloyl Glycerin/Sebacic Acid Copolymer	6.00
Lexfilm Sun	Polyester-7 (and) Neopentyl Glycol Diheptanoate	2.00
PHASE D		
Water	Aqua	63.60
Keltrol CG- SFT	Xanthan Gum	0.20
Glycerin	Glycerin	3.50
PHASE E		
White Birch BT (BCR)	Water & Betula Alba Bark Extract & Phenoxyethanol & Sodium Benzoate	1.50
Resveratrol BT (BCR)	Water & Polygonum Cuspidatum Root Extract & Phenoxyethanol & Sodium Benzoate	1.50
Preservative		1.00
PHASE F		
Aristoflex AVC (Clariant/Essential Ingredients)	Ammonium Acryloyldimethyltaurate/VP Copolymer	0.55
PHASE E		
Gransil SiW-066 (Grant Industries)	Dimethicone & Polysilicone-11 & Butylene Glycol & Aqua & Decyl Glucoside	1.50
Spheron L-1500 (Presperse)	Silica	1.50

Procedure
<ol style="list-style-type: none"> Mix ingredients from Phase A together for 20 min at 400 RPM. Weigh together Phase B and heat to 45°C with mixing until completely dissolved. Cool to 25°C. Add phase B to phase A and mix for 20 minutes at 400 RPM. Add phase C with mixing until uniform. In main beaker, premix glycerin with xanthan gum and add to water, Phase D. Mix until batch is a smooth, uniform gel. Add Phase A/B/C to Phase D and mix for 20 minutes until uniform, keeping speed at 800 RPMs. Add phase E, mix well. Add phase F and sweep material into batch until uniform. Adjust batch to pH 5.75 - 6.0 with Sodium Hydroxide.

Sales & Technical Support

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