

New Sunscreen Foundation

26101



Phase	%	Tradename	INCI	Supplier	Function
A	40.66		Water		Solvent
B	10.0	ZEMEA	Propanediol	CovationBIO	Moisturization and more
B	1.0	Zeastat	Caprylhydroxamic Acid, Propanediol	Inolex	Preservative
B	0.1	L-Arginine C-Grade	Arginine	Ajinomoto	Active
C	26.0	LexFeel Sunlight MB	Heptyl Undecylenate (and) Polyhydroxystearic Acid	Inolex	Emollient
C	2.3	FeruliShield Coconut	Coconut Oil Ethyl Ferulate Esters	Midwest Bioprocessing Center	Antioxidant, SPF booster
C	1.0	Cithrol PGTL	Tri (Polyglyceryl-3/Lauryl) Hydrogenated Trilinoleate	Croda	Emulsifier
D	15.0	MT-700Z	Titanium Dioxide, Aluminum Hydroxide, Stearic acid	MIFI Bioceuticals	Sunscreen, pigment
D	2.0	SOLESPHERE H-33	Silica	AGC	Aesthetic enhancer, SPF booster
D	1.42	Yellow iron oxide	Iron oxides	Color Techniques	Color
D	0.38	Red iron oxide	Iron oxides	Color Techniques	Color
D	0.14	Black iron oxide	Iron oxides	Color Techniques	Color

Active ingredients: 10% Titanium Dioxide

Ingredients: Water, Propanediol, Caprylhydroxamic Acid, Arginine, Heptyl Undecylenate, Polyhydroxystearic Acid, Coconut Oil Ethyl Ferulate Esters, Tri (Polyglyceryl-3/Lauryl) Hydrogenated Trilinoleate, Titanium Dioxide, Aluminum Hydroxide, Stearic acid, Silica, Iron Oxides

Procedure

1. Premix B then add to A stirring until uniform and smooth.
2. Premix C then add D with fast dispersion blade impeller stirring until uniform and smooth.
3. Add A/B to C/D slowly with fast dispersion blade impeller stirring until uniform and smooth.
4. Homogenize briefly.

Distinctives

- Uses mid-sized TiO₂ for SPF and opacity MT-700Z, eliminating the need for organic sunscreen actives
- Soft, powdery feel on the skin and SPF boosting from SOLESPHERE H-33
- **In-vivo SPF 32.7**