

Oil-free Inorganic PHA Sunscreen

25724



Phase	%	Tradename	INCI	Supplier	Function
A	40.55	Water	Water	-	Solvent
A	10.0	Altiv T-15	Gluconic Acid, Water	Solugen	Skin smoothing
B	30.0	ZEMEA	Propanediol	CovationBio	Moisturization and much more
B	5.0	Sensatis BioBoost	Polypropanediol-8	Weylchem	Film Former
B	1.0	Span 20	Sorbitan Laurate	Croda	Wetting Agent
B	1.0	Zeastat	Caprylhydroxamic Acid, Propanediol	Inolex	Preservative
B	0.2	FARMAL Xanthan 2312 TC	Xanthan Gum	Ingredion	Suspending agent
C	10	MT-100WP	Titanium Dioxide, Hydrated Silica	MIFI Bioceuticals	Sunscreen active
C	0.25	MT-700Z	Titanium Dioxide, Aluminum Hydroxide, Stearic Acid	MIFI Bioceuticals	Sunscreen active
C	2.0	SOLESPHERE H-33	Silica	AGC	Aesthetic enhancer, SPF booster

Active ingredients: 10.25% Titanium Dioxide

Water, Propanediol, Gluconic Acid, Polypropanediol-8, Silica, Sorbitan Laurate, Caprylhydroxamic Acid, Xanthan Gum, Aluminum Hydroxide, Stearic Acid, Hydrated Silica

Procedure

1. Premix B then add to A using axial-flow impeller mixing
2. Add C to A/B using axial-flow impeller mixing
3. Mix A/B/C with dispersion blade until uniform
4. Homogenize briefly if not already glossy

Distinctives

- ✚ In-vivo SPF 25
- ✚ Critical Wavelength 375nm
- ✚ Truly oil-free but super moisturizing
- ✚ Sun/skin friendly Gluconic Acid PHA
- ✚ SOLESPHERE sends SPF up
- ✚ ZEMEA hydrates 3 ways
- ✚ Great everyday facial formulation