

High Performance ZnO Sunscreen

24750



Phase	%	Tradename	INCI	Supplier	Function
A	38.4		Water		Solvent
B	5.0	ZEMEA	Propanediol	CovationBIO	Moisturization and much more
B	1.0	Zeastat	Caprylhydroxamic Acid, Propanediol	Inolex	Preservative
B	0.1	Tris Amino Ultra PC	Tromethamine	Advancion	Neutralizer, buffer
C	20.0		Caprylic/capric Triglycerides		Emollient
C	5.0	Cithrol PGTL	Tri(Polyglyceryl-3/Lauryl) Hydrogenated Trilinoleate	Croda	Emulsifier
C	2.0	CosmoSurf DDG-20	Bis-Octyldodecyl Dimer Dilinoleate/Propanediol Copolymer	SurfaTech	Dispersant, film former
C	1.5	Span 20	Sorbitan Laurate	Croda	Wetting agent
D	20.0	MZX-304OTS	Zinc Oxide, Triethoxycaprylylsilane	MIFI Bioceuticals	Sunscreen active
D	5.0	TMS-T05	Silica, Titanium Dioxide	MIFI Bioceuticals	Aesthetic enhancer
D	2.0	SOLESPHERE H-33	Silica	AGC	SPF booster, aesthetic enhancer

Active ingredients: 20% Zinc Oxide

Water, Caprylic/Capric Triglycerides, Propanediol, Silica, Tri(Polyglyceryl-3/Lauryl) Hydrogenated Trilinoleate, Caprylhydroxamic Acid, Bis-Octyldodecyl Dimer Dilinoleate/Propanediol Copolymer, Triethoxycaprylylsilane, Tromethamine

Procedure

Distinctives

1. Premix B then add to A using dispersion blade mixing
2. Premix C and add to D with dispersion blade mixing
3. Slowly add A/B to C/D with fast dispersion blade or sharp-bladed impeller mixing
4. Homogenize briefly if not already glossy

- ✚ Smooth application with low whitening
- ✚ 'Dries' quickly on the skin thanks to the high-performance SOLESPHERE H-33
- ✚ **In-vivo SPF 50**