



Radiant Beach sunscreen

ACTS20919

Description

Long-lasting all-over protection (in-vitro SPF 30, critical wavelength 380nm) that moisturizes without oiliness.

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	Water	Water	—	Solvent	48.30%
	Zemea® propanediol	Propanediol	CovationBio PDO	Humectant	10.0%
B	Zeastat™	Caprylhydroxamic acid (and) propanediol	Inolex	Chelating agent	1.0%
	PURAMEX® ZN	Zinc lactate	Corbion	Salt	0.50%
	Biotive® L-Arginine	Arginine	Symrise	Neutralizer	0.20%
C	Solaveil™ CT-300	Caprylic/capric triglyceride (and) titanium dioxide (and) polyhydroxystearic acid (and) aluminum stearate (and) alumina	Croda	Active	21.0%
	ZinClear® XP65C0C0	Zinc oxide (and) coco-caprylate/caprate (and) polyglyceryl-3 polyricinoleate (and) isostearic acid	Advanced Nanotek LTD	Active	5.0%
	LexFeel® WOW	Triheptanoin (and) C13-16 isoparaffin	Inolex	Emollient	10.0%
	Cithrol™ PGTL	Tri(polyglyceryl-3/lauryl) hydrogenated trilinoleate	Croda	Emulsifier	1.0%
	LexFilm® Sun Natural	Capryloyl glycerin/sebacic acid copolymer	Inolex	Film former	3.0%
Total					100.00%

Formula provided by: ACT Solutions Corp., Newark, Delaware, USA

Procedure

1. Premix B. Then add to A with propeller stirring until uniform.
2. Premix C.
3. Very slowly add A/B to C with fast propeller stirring.
4. Homogenize briefly until glossy (do not homogenize if already glossy).