



Daily dose sunscreen

ACTS20952

Description

Moisturizing sun protection for today and healthy youthful-looking skin into the future with an in-vitro SPF 30, critical wavelength 375nm.

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	Water	Water	—	Solvent	35.00%
B	ESTERLAC™ Perform	Sodium behenoyl lactylate	Corbion	Emulsifier	4.00%
	Crodacol™ C70	Cetearyl alcohol	Corbion	Wax	2.00%
	Zemea® propanediol	Propanediol	CovationBio PDO	Humectant	10.00%
C	Spectrastat™ G2	Caprylhydroxamic acid (and) glyceryl caprylate (and) glycerin	Inolex	Chelating agent	1.00%
	Solaveil™ CT-12W	Caprylic/capric triglyceride (and) titanium dioxide (and) polyhydroxystearic acid (and) aluminum stearate (and) alumina	Croda	Active	5.00%
	TEXTURLUX® Rheo	Hydroxypropyl starch phosphate	Primient	Polymer	2.00%
	TEXTURLUX® Resist	Maltodextrin	Primient	Film former	1.00%
D	Solaveil™ CT-300	Caprylic/capric triglyceride (and) titanium dioxide (and) polyhydroxystearic acid (and) aluminum stearate (and) alumina	Croda	Active	15.00%
	Solaveil™ XT-300	Titanium dioxide (and) caprylic/capric triglyceride (and) polyhydroxystearic acid (and) stearic acid (and) alumina	Croda	Active	5.00%
	LexFeel® WOW	Triheptanoin (and) c13-16 isoparaffin	Inolex	Emollient	15.00%
	LexFilm® Sun Natural	Capryloyl glycerin/sebacic acid copolymer	Inolex	Film former	5.00%
	Total				100.00%

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

Procedure

1. Heat and maintain A to 85°C.
2. Add B to A with propeller mixing until melted and uniform.
3. Premix C. Then add to A/B with propeller mixing until uniform.
4. Remove heat while maintaining propeller mixing.
5. Premix D.
6. When A/B/C reaches 60°C, add D with propeller mixing until uniform and glossy.