



Formulation Sheet



Daily Dose Sunscreen

A Great Part of The Morning Routine / ACTS20952

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

Ingredients: Water, Propanediol, C13-16 Isoparaffin, Heptyl Undecylenate, Caprylic/Capric Triglyceride, Capryloyl Glycerin/Sebacic Acid Copolymer, Sodium Behenoyl Lactylate, Hydroxypropyl Starch Phosphate, Cetearyl Alcohol, Maltodextrin, Polyhydroxystearic Acid, Aluminum Stearate, Alumina, Oleth-10, Isodeceth-6, Simethicone, Phenoxyethanol, Caprylhydroxamic Acid, Glyceryl Caprylate, Glycerin

Phase A				
Water	-	-	35.00%	Solvent
Phase B				
Sodium Behenoyl Lactylate	ESTERLAC™ Perform	Corbion	4.0%	Emulsifier
Cetearyl Alcohol	Crodacol™ C70	Corbion	2.0%	Wax
Phase C				
Propanediol	Zemea*	DuPont Tate & Lyle	10.0%	Humectant
Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Spectrastat™ G2	Inolex	1.0%	Chelating Agent
Caprylic/Capric Triglyceride (and) Titanium Dioxide (and) Polyhydroxystearic Acid (and) Aluminum Stearate (and) Alumina	Solaveil™ CT-12W	Croda	5.0%	Active
Hydroxypropyl Starch Phosphate	TEXTURLUX Rheo	*Tate & Lyle	2.0%	Polymer
Maltodextrin	TEXTURLUX Resist	*Tate & Lyle	1.0%	Film Former
Phase D				
Caprylic/Capric Triglyceride (and) Titanium Dioxide (and) Polyhydroxystearic Acid (and) Aluminum Stearate (and) Alumina	Solaveil™ CT-300	Croda	15.0%	Active
Titanium Dioxide (and) Caprylic/Capric Triglyceride (and) Polyhydroxystearic Acid (and) Stearic Acid (and) Alumina	Solaveil™ XT-300	Croda	5.0%	Active
Triheptanoin (and) C13-16 Isoparaffin	LexFeel® WOW	Inolex	15.0%	Emollient
Capryloyl Glycerin/Sebacic Acid Copolymer	LexFilm® Sun Natural	Inolex	5.0%	Film Former

In collaboration with:



ACT Solutions Corp.
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Corbion

Corbion
8250 Flint Street
Lenexa, KS 66214
To request Corbion samples:
Lisa Swain
Lisa.Swain@corbion.com



Inolex Inc.
2101 S. Swanson Street
Philadelphia, PA 19148
To request Inolex samples:
<https://inolex.com/pc/Home/Sample-Request>

***Tate & Lyle**
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Decatur, IL 62521
Jeremy Zimmerman 217-358-2676
Jeremy.Zimmerman@tateandlyle.com

Procedure

1. Heat and maintain A to 85C
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 60C add D with propeller mixing until uniform and glossy

For additional information or samples:

DuPont Tate & Lyle Bio Products Customer Service

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Formula:

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ACT Solutions Corp.,
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