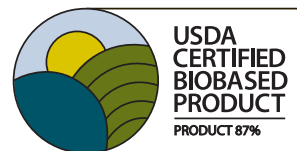




Formulation Sheet



Signature Shampoo

Clearly Superior Sulfate-Free / ACTS20807

Description: Finally, a clear sulfate-free shampoo with the flow, foam, feel, finish, and fragrance that excites.

Ingredients: Water, Sodium Lauroyl Sarcosinate, Cocamidopropyl Betaine, Propanediol, Sodium Isostearoyl Lactylate, Lactic acid, Potassium Lactate, Caprylhydroxamic Acid, Glyceryl Caprylate, Glycerin, Hydroxypropyl Starch Phosphate, Fragrance

Phase A				
Water	-	-	45.54%	Solvent
Phase B				
Cocamidopropyl Betaine	Lexaine® C	Inolex	15.0%	Surfactant
Sodium Lauroyl Sarcosinate	Crodasinic™ LS30	Croda	30.0%	Surfactant
Phase C				
Propanediol	Zemea®	DuPont Tate & Lyle	5.0%	Humectant
Sodium Isostearoyl Lactylate	ESTERLAC™ Care+	Corbion	3.0%	Surfactant
Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Spectrastat™ G2	Inolex	1.0%	Chelating Agent
Hydroxypropyl Starch Phosphate	TEXTURELUX Hold	*Tate & Lyle	0.10%	Polymer
Fragrance	Kerry Lemon Oil Cold Pressed	Kerry	0.19%	Fragrance
Fragrance	Kerry Lavender Oil	Kerry	0.17%	Fragrance
Phase D				
Lactic acid	PURAC® HiPure 90	Corbion	q.s.	Neutralizer
Phase E				
Potassium Lactate	PURASAL® HiPure P	Corbion	q.s.	Salt

In collaboration with:



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Corbion

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To request Corbion samples:
Lisa Swain
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Inolex Inc.
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<https://inolex.com/pc/Home/Sample-Request>

***Tate & Lyle**
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Procedure

1. Add B to A with slow sweep stirring
2. Premix C then add to A/B until uniform
3. Add D until pH of around 5.5 reached
4. Add E until desired viscosity reached

Formula:

ACTS 20807 provided by:
ACT Solutions Corp.,
Newark, Delaware, USA

For additional information or samples:

DuPont Tate & Lyle Bio Products Customer Service

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