



Signature Shampoo

Sulfate-free shampoo System

Description:

This sulfate-free shampoo system is crystal clear and has spectacular foam, feel, flow, and has a projected Biobased content of 100%.

ZEMEA® Propanediol is an excellent carrier for the thickening/conditioning/solubilizing surfactant ESTERLAC Care+, the consumer-friendly, versatile preservative alternative SPECTRASTAT G2, the foam stabilizing TEXTURLUX Hold, and fragrance of choice. Making a premix of these components, with ZEMEA® as the base, allows for easier introduction into the foaming surfactant system. The salt/viscosity response of this appealing-rheology worm-like micelle system is efficient but controlled, pleasing both manufacturers and consumers.

Phase	%	Trade name	INCI	Supplier	Function
A	45.9%	Water	Water		Solvent
B	30.0%	Crodasinic LS30	Sodium Lauroyl Sarcosinate	Croda	Surfactant
B	15.0%	Lexaine C	Cocamidopropyl Betaine	Inolex	Surfactant
C	5.0%	Zemea®	Propanediol	DuPont Tate & Lyle	Humectant
C	3.0%	Esterlac Care+	Sodium Isostearoyl Lactylate	Corbion	Surfactant
C	1.0%	Spectrastat G2	Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Inolex	Preservative alternative
C	0.1%	Texturlux Hold	Hydroxypropyl Starch Phosphate	Tate & Lyle	Polymer
C	q.s.		Fragrance		Fragrance
D	q.s.	Purasal Hipure 90	Lactic Acid	Corbion	Neutralizer
E	q.s.	Purasal Hipure P	Potassium Lactate	Corbion	Salt

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 reaches approximately 5.5
4. Add E until desired viscosity reached

Formula:

ACTS 20897 provided by: ACT Solutions Corp.,
Newark, Delaware, USA

Interested in a sample of TEXTURLUX Hold from Tate & Lyle? Please contact Jeremy Zimmerman at Jeremy.Zimmerman@tateandlyle.com

For additional information or samples:

DuPont Tate & Lyle Bio Products Customer Service

198 Blair Bend Drive
Loudon, TN 37774
Tel: +1-866-404-7933
www.duponttateandlyle.com



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