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Natural Hair Conditioner No. 619

		Wt.%
Α	VANATURAL [®] Bentonite Clay	2.00
	VANZAN [®] NF Xanthan Gum	0.75
	Water	76.45
	Tetrasodium Glutamate Diacetate (Dissolvine [®] GL-47-S ¹)	0.20
	Propanediol (Zemea [®] propandiol ²)	7.50
	Vegetable Derived Glycerin (Pricerine [®] 9091 ³)	5.00
	Glyceryl Stearate Citrate (Dermofeel [®] GSC ⁴)	2.50
в	Glyceryl Caprylate (Dermosoft [®] GMCY ⁴)	0.20
U	Plumeria Acutifolia Flower Extract (Campo™ South Pacific True Monoi Oil⁵)	1.00
	Mixed Tocopherols (and) Soybean Oil (Decanox™ MTS-50 ⁶)	0.40
	Meter (and) Underships of Come Stevely (and) Date Multiparis (Doot) Doot Extra at	
С	Water (and) Hydrolyzed Corn Starch (and) Beta Vulgaris (Beet) Root Extract (DayMoist CLR ^{™7})	4.00
_ 1	Preservative	q.s.
D	Triethanolamine, 99%	q.s.

Procedure: While heating the water to 65-70°C, slowly add the **VANATURAL**[®] and **VANZAN**[®] **NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Add the rest of Part A ingredients and adjust the batch temperature to 65-70°C, if necessary. Combine Part B ingredients and heat to 65-70°C. When Part A and Part B are each at 65-70°C, add Part B to Part A slowly with adequate mixing. Cool with mixing to 40°C, then add Part C. Continue to cool to 30°C with mixing and add the preservative. If necessary, adjust the pH to 5.5 ± 0.5, with triethanolamine.

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² DuPont Tate & Lyle Bio Products Company, LLC,	Campo is a trademark of BioOrganic Concepts.
Wilmington, DE	DayMoist CLR is a trademark of Chemisches Laboratorium.
³ Croda, Inc., Edison, NJ	Decanox is a trademark of ADM Natural Health and Nutrition Division.
⁴ Dr. Straetmans Chemische Produkte GmbH,	Dermofeel and Dermosoft are registered trademarks of Dr. Straetmans Chemische
Hamburg, Germany	Produkte GmbH.
⁵ BioOrganic Concepts, Sante Fe Springs, CA	Dissolvine is a registered trademark of Akzo Nobel Chemicals B.V.
⁶ ADM Natural Health and Nutrition Div., Decatur, IL	Pricerine is a registered trademark of Croda International.
⁷ Chemisches Laboratorium Dr. Kurt Richter GmbH,	Zemea is a registered trademark of DuPont Tate & Lyle Bio Products Company, LLC.
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