

**Hair Conditioner No. 612**

		<b>Wt. %</b>
<b>A</b>	<b>VANATURAL® XGB</b> Bentonite Clay	2.00
	Water	87.15
	Tetrasodium EDTA	0.10
	Glycerin, USP	1.50
<b>B</b>	Glyceryl Stearate (and) PEG-100 Stearate (Arlacel® 165 <sup>1</sup> )	4.00
	Cetareth-20 (Eumulgin® B 2 <sup>2</sup> )	1.00
	Cetearyl Alcohol	3.00
	PEG-40/PPG-8 Methylaminopropyl/Hydroxypropyl Dimethicone Copolymer (Silsoft® A+ <sup>3</sup> )	1.00
	Butyrospermum Parkii (Shea) Butter (Shea Butter – Certified Organic <sup>4</sup> )	0.25
<b>C</b>	Preservative	q.s.

**Procedure:** While heating the water to 75-80°C, slowly add the **VANATURAL® XGB** while mixing at maximum available shear. Mix until fully hydrated. Add the remaining Part A ingredients, mixing until uniform. Maintain the water phase at 75-80°C. Blend the Part B oil phase ingredients and heat to 75-80°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool with mixing; add Part C when the emulsion is <30°C.

**RAW MATERIAL SUPPLIERS**
<sup>1</sup>Croda, Edison, NJ

<sup>2</sup>BASF Corporation, Florham Park, NJ

<sup>3</sup>Momentive, Columbus, OH

<sup>4</sup>BioChemica Int'l., Inc., Melbourne, FL

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