


**TITLE: NATURAL GENTLE CONDITIONER**
**FORMULATION: BC-35-25**

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Hair Conditioner	All	Moisturization	All	Hot Process	Natural gentle conditioner with Hydresia® and Karmyn™ Protein for shine and manageability

**Key Ingredients**

Trade Name	INCI Name	Wt%
<b>PHASE A</b>		
Water	Aqua	QS
Arginine	Arginine	0.25
D-Panthenol 75W (BASF)	Panthenol	0.25
<b>PHASE B</b>		
Emulsence HC (Inolex)	Brassicyl Isoleucinate Esylate (and) Brassica Alcohol	8.00
Shea Butter (BioBotanica)	Butyrospermum Parkii (Shea) Butter	2.00
Baracare ARS Hair System (Beraca)	Passiflora Edulis Seed Oil, Oriza Sativa Rice Bran Oil, Euterpe Oleracea Fruit Oil	2.00
<b>PHASE C</b>		
Hydresia®SF2 (Botaneco)	<i>Carthamus Tinctorius (Safflower) Oleosomes + Water</i>	<b>5.00</b>
Fragrance	Fragrance	0.30
<b>PHASE D</b>		
Geogard Ultra	Gluconolactone (and) Sodium Benzoate	1.50
<b>PHASE E</b>		
Glycerin	Glycerin	3.00
Karmyn™ Protein (Botaneco)	<i>Carthamus Tinctorius (Safflower) Seed Extract</i>	<b>0.50</b>

**Procedure**

1. Add all the ingredients of Phase A to the water with mixing. Heat to 75°C.
2. In a separate container, weight all the ingredients of Phase B together and heat to 75°C.
3. Add Phase B to Phase A under strong agitation. Mix 20 minutes at 75°C then slow agitation and start cooling.
4. Mix together the ingredients from phase C at 400 rpm for 20 minutes. Add to the batch when the temperature is under 45°C.
5. Add ingredients from phase D and mix well. Continue cooling.
6. Mix together ingredients of Phase E and add to the batch. Mix 10 minutes.
7. Adjust the pH between 3.8 - 4.2 after 24 hours.

**SPECIFICATIONS**

Viscosity: Brookfield RVF (Spindle #6 @20 rpm): 15000cps

**Sales & Technical Support**

sales@botaneco.ca

403.668.6685

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