


TITLE: NATURAL HAIR CONDITIONER
FORMULATION: BC-37-58-H

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Hair Conditioner	All	Moisturization	All	Hot Process	Natural (non-quat) hair conditioner with Karmyn™ Protein and Hydresia®

Key Ingredients

Trade Name	INCI Name	Wt%
PHASE A		
Water	Aqua	QS
D-Panthenol 75W (BASF)	Panthenol	0.50
PHASE B		
Glycerin	Glycerin	5.00
Keltrol CG-SFT (CP Kelco)	Xanthan Gum	1.00
Karmyn™ Protein (Botaneco)	Carthamus Tinctorius (Safflower) Seed Extract	2.00
PHASE C		
Cetyl Alcohol	Cetyl Alcohol	5.00
Shea Butter Ultra Refined (Bio Botanica)	Butyrospermum Parkii (Shea Butter)	2.00
Passion Fruit Oil (Beracare Ingredients Naturais S.A)	Passiflora Edulis Seed Oil	2.00
PHASE D		
Hydresia® SF2 (Botaneco)	Carthamus Tinctorius (Safflower) Oleosome + Water	20.00
PHASE E		
Preservative		1.50

Procedure

- Mix all ingredients in Phase A.
- Mix together the ingredients of Phase B and add to Phase A under strong agitation. Mix for 30 mins and start heating to 55-60°C.
- In a separate container, weigh all the ingredients of Phase C together and heat to 55-60°C
- Add Phase C to Phase AB under strong agitation and homogenize at 5000 rpm.
- Add Phase D and homogenize at 2000 – 2500 rpm. Start cooling.
- At 45°C, add Phase E and continue to cool.
- Adjust the pH between 3.8 - 4.2 after 24 hours.

Sales & Technical Support

sales@botaneco.ca

403.668.6685

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