



# Natural Hair Conditioner

**BOT.19.02.KS**

This lightweight, nourishing conditioner is magic for your hair. The natural formula contains Karmyn™ to strengthen and protect while Hydresia™ SF2 provides ultimate hydration.

PHASE	%	INGREDIENT	INCI	FUNCTION
1	54.75	Deionized Water	Water	Aqueous Vehicle
1	1.00	Natrosol™ 250HHR CS	Hydroxyethylcellulose	Rheology Modifier
<b>2</b>	<b>1.00</b>	<b>Karmyn™</b>	<b><i>Carthamus Tinctorius (Safflower) Seed Extract</i></b>	<b>Protein</b>
2	10.00	Deionized Water	Water	Aqueous Vehicle
3	0.75	Keltrol® CG-SFT	Xanthan Gum	Rheology Modifier
3	3.00	Glycerin	Glycerin	Humectant
4	2.50	Lipocol® C - Natural	Cetyl Alcohol	Emulsion Stabilizer
4	2.50	Liponate® SPS-Veg Pastilles	Cetyl Esters	Emollient
4	2.00	Lipobutter® Organic Shea - DWJ	Butyrospermum Parkii (Shea) Butter	Natural Emollient
4	2.00	Lipovol® A	Persea Gratissima (Avocado) Oil	Natural Emollient
<b>5</b>	<b>20.00</b>	<b>Hydresia™ SF2</b>	<b><i>Carthamus Tinctorius (Safflower) Oleosomes (and) Water</i></b>	<b>Multi-functional Emulsifier</b>
6	qs	Sodium Hydroxide Sol. 25%	Sodium Hydroxide	Neutralizing Agent
7	0.50	D-Panthenol 75 W	Panthenol	Hair Active
8	qs	Preservative	Preservative	Preservative
	100.00%			

## PROCEDURE:

1. Slowly mix in Natrosol™ 250HHR into Deionized Water in main vessel with medium speed propeller stirring.
2. Premix Karmyn™ and additional Deionized Water in side vessel. Once fully dispersed, add mixture to main vessel with continued thorough mixing. Start heating to approx. 75°C.
3. Mix Keltrol® CG-SFT and Glycerin into a slurry, then add to main vessel with continued thorough mixing.
4. Premix Phase 4 ingredients in side vessel and heat to approximately 75°C. Then, add to main vessel with continued thorough mixing. Start cooling.
5. Add Phase 5 ingredient at approximately 60°C with continued thorough mixing.
6. Add Phase 6 ingredient as needed to adjust pH to 4.5-5.0.
7. Add Phase 7 and 8 ingredients, one by one, at 50-55°C with continued thorough mixing.
8. Finish cooling to 25°C and pour into suitable container(s).

**Product:** Karmyn™ & Hydresia™ SF2

**pH:** 4.5-5.0

**Formula Ref. #:** 048-8

# BOTANECO™



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