

# Bye-Bye Flyaway Hair Cream

- Moisturize and smooth frizzy hair
- Bright white, glossy lotion for all hair types
- Sulfate free with conditioning

Ingredient Trade Name	INCI Name	%
<b>Phase A</b>		
Deionized Water	Aqua	79.9
Jaguar C-17 <sup>2</sup>	Guar Hydroxypropyltrimonium Chloride	0.4
Zemea Propanediol <sup>3</sup>	Propanediol	2.0
Gafquat 755N <sup>4</sup>	Polyquaternium-11	6.0
Optiphen <sup>4</sup>	Phenoxyethanol, Caprylyl Glycol	1.0
Citric Acid	Citric Acid	0.2
<b>Phase B</b>		
Kostol TMC-25 <sup>1</sup>	Cetearyl Alcohol (and) Behentrimonium Chloride	6.0
Cocoa Butter <sup>1</sup>	Theobroma Cacao (Cocoa) Seed Butter	2.0
Kester Wax K-24 <sup>1</sup>	Lauryl Laurate	2.5



Product	Function	About	% Usage	Natural
Kostol TMC-25	O/W Emulsifier	Sulfate-Free, cationic emulsifier manufactured without IPA. Exceptional anti-static agent, conditioner with deposition properties.	0.5-8%	
Cocoa Butter	Structure, thickener	Provides moisture, texture, some structure and skin nourishment.	Up to 100%	X
Kester Wax K-24	Ester, Emollient	Natural ester and emollient that imparts slip, melts at body temp, offers slight cooling sensation. Provides light, dry, feel. Cuts greasiness with natural oils, esters and organic sunscreens.	1-50%	X

## PROCEDURE

- Begin heating water to 80 °C and add Phase A ingredients one by one, mixing each until uniform.
- Combine Phase B ingredients, and heat to 80 – 85 °C until melted.
- Add Phase B to Phase A under agitation and mix at high speed until emulsion is uniform.
- Check pH and adjust to 4-5 as necessary.
- Cool to 45 °C or under and pour into containers.

Looking for additional formulas? Try our Formula Selector Tool at: <https://www.kosterkeunen.com/pcformulationguide/>

**Stability information:** Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

**Supplier information:** 1. Koster Keunen, Inc.; 2. Maroon, 3. DuPont; 4. Brenntag Specialties



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