

Hybrid Hair Styling Stick

Formulation reference: FM00400/B

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
A	Castor Oil No 217	Ricinus Communis Seed (Castor) Oil	Oil	43.80	Naissance
	Crodamol STS MBAL-LQ-(MH)	PPG-3 Benzyl Ether Myristate	Emollient	5.00	Croda
	Texique Lux5	C13-15 Alkane (and) Caprylic/Capric Triglyceride	Natural Emollient	20.00	Scott Bader
B	Agenaflo OS 9051	Aluminum Starch Octenylsuccinate	Softening Agent	3.00	Agrana
C	Microcrystalline Wax	Cera Microcristallina	Wax	5.00	Poth Hille
	Carnauba Wax	Copernicia Cerifera Cera	Wax	2.50	Poth Hille
	Lanette 1665	Cetearyl Alcohol	Structuring/ Rheology Modifier	3.00	BASF
	Texique OleoThix	Sorbitol/ Sebacic Acid Copolymer Behenate	Natural Oil Thickener	5.00	Scott Bader
D	Deionised Water	Solvent	Solvent	5.00	
	Aquastyle 300N	Polyquaternium-69	Styling Polymer	2.00	Ashland
E	Eumulgin CO 40	PEG-40 Hydrogenated Castor Oil	Emulsifier/ Solubiliser	0.70	BASF
F	Citrhyl GMS 40	Glyceryl Stearate	Emulsifier/ Structuring	3.00	Croda

Hybrid hair styling stick designed to deliver smooth yet flexible hold with added shine. **Texique OleoThix** structures and builds body to the oil phase, creating a stick with precise control while reducing the use of heavy waxes. **Texique Lux5** refines glide and sensory feel of the stick for effortless application.



Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
G	Plantaserve E	Phenoxyethanol (and) Ethylhexylglycerin	Preservative	1.00	Mystic Moments
	Vitamin E in Carrier Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil (and) Tocopherol	Antioxidant	0.50	The Soap Kitchen
		Parfum	Fragrance	QS	

Method

1. Weigh out phase A and mix until uniform.
2. Add phase B and mix until fully dispersed.
3. Add phase C and start heating to 85-90°C.
4. In a separate container, mix phase D while stirring. Maintain at temperature.
5. At 80°C, add phase E into the main bulk and mix.
6. Lower temperature of the main bulk to 75-80°C, then add phase F. Mix until fully dissolved.
7. Maintain main bulk at 78°C while slow mixing (no vortex).
8. Start adding pre-mixed water phase (phase D) slowly in a thin stream over 5 minutes into the main bulk while stirring at temperature.
9. Continue mixing slowly, then remove from heat.
10. At 65-70°C add phase G one by one while stirring.
11. Let cool to 65°C, then pour into suitable packaging and let harden overnight.

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