



Hair Conditioner

Formulation Reference: FM00233/A

A daily hair conditioner which will help fight frizz, whilst adding control and shine. With **Texiterra Marula Oil**, **Texiterra Raspberry Seed Oil** and **Texique Lux5** to leave hair feeling soft and shiny. **Texique PQ37** and **Texique CS-P** help to provide conditioning benefits with good wet comb properties.

Phase	INCI Ingredients	Function	% w/w	Trade Name
A	Aqua	Solvent	Up to 100 %	Deionised Water
B	Starch Hydroxypropyltrimonium Chloride	Conditioner	0.30	Texique CS-P ¹
C	Hydroxyethylcellulose	Thickener	0.50	Natrosol 250 HHR ²
D	Cetrimonium Chloride	Conditioner	2.00	Dehyquart A ³
	Citric Acid	pH Adjuster	0.40	Citric Acid Monohydrate ⁴
E	Polyquaternium-37 (and) C13-15 Alkane (and) PEG-7 Oleate	Conditioner/ thickener/ emulsifier/ stabiliser	1.00	Texique PQ37 ¹
F	Cetearyl Alcohol	Wax	3.50	Lanette 16 ³
	Glyceryl Stearate (and) PEG-100 Stearate	Emulsifier	3.00	SP Arlancel 165-MBAL ⁵
	Stearamidopropyl Dimethylamine	Hair/ Skin Conditioner	1.00	Empigen S18 ⁶
	C13-15 Alkane (and) Caprylic/Capric Triglyceride	Natural Emollient	5.00	Texique Lux5 ¹
	Scierocarya Birrea Seed Oil	Emollient/ softening/ shine/ nourishing	2.00	Texiterra Marula Oil ¹
	Rubus Idaeus Seed Oil	Emollient/ Shine/ Softening	1.00	Texiterra Raspberry Seed Oil ¹
G	Hydrolysed Wheat Protein	Strengthening/ Repairing/ Protecting	2.00	Gludain WLM BENZ ³
	Sodium Benzoate (and) Potassium Sorbate	Preservative	1.00	Sodium Benzoate and Potassium Sorbate ⁷
	Perfume	Fragrance	0.50	



Suppliers: ¹ Scott Bader | ² Ashland | ³ BASF | ⁴ Univar | ⁵ Croda | ⁶ Innospec | ⁷ Naturallythinking.com |

Preparation procedure

1. Weigh out Phase A and sprinkle in Phase B whilst mixing under fast vortex until completely dispersed.
2. Add Phase C while homogenising and homogenise until completely dispersed and uniform.
3. Add Phase D and mix until dissolved. Start heating to 70-75°C.
4. At temperature disperse Phase E and mix to disperse.
5. Weigh out phase F separately and heat to 70-75°C.
6. At correct temperature add Oil Phase to Water Phase while homogenising. Homogenise until smooth and uniform.
7. Cool to below 40°C with slow mixing.
8. Add Phase G individually and mix until uniform.
9. Adjust pH if necessary.

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