



## Hair Conditioner Concentrate

### Formulation Reference: FM00213/D

For water conscious consumers, this Hair Conditioner Concentrate will work a treat! Containing less than half the normal amount of water in a typical conditioner, this formulation will gently condition most hair types, as usage can be controlled by the user. Either use a small amount on hair lengths or mix with a water to form a lotion consistency before application. With sole conditioning agent **Texique PQ37** which also effectively thickens and stabilizes the formulation. Contains **Texiterra Marula Oil**, a non-greasy cold pressed oil which nourishes hair from root to tip leaving hair feeling silky soft.

Phase	INCI Ingredients	Function	% w/w	Trade Name
A	Aqua	Solvent	25.00	Deionised Water
	Sodium Benzoate	Preservative	0.30	Sodium Benzoate Granular <sup>1</sup>
B	Hydroxyethylcellulose	Thickener	0.10	Natrosol 250 HHR <sup>2</sup>
C	Citric acid	pH adjuster	0.10	Citric acid monohydrate
D	Benzyl Alcohol	Preservative	0.60	Iscaguard BA <sup>3</sup>
	Glycerin	Humectant / Moisturisation	2.00	Pricerine 9091 <sup>4</sup>
E	<b>Scierocarya Birrea Seed Oil</b>	<b>Emollient / softening / shine/ nourishes</b>	<b>1.00</b>	<b>Texiterra Marula Oil <sup>5</sup></b>
G	Parfum	Fragrance	QS	
F	<b>Polyquaternium-37 (and) C13-15 Alkane (and) PEG-7 Oleate</b>	<b>Conditioner / thickener / emulsifier / stabiliser</b>	<b>5.00</b>	<b>Texique PQ37 <sup>5</sup></b>

Suppliers: | <sup>1</sup> OQEMA | <sup>2</sup> Ashland | <sup>3</sup> Brenntag | <sup>4</sup> Croda | <sup>5</sup> Scott Bader |



## Preparation procedure

1. Weigh out Phase A and mix until completely dissolved.
2. Whilst homogenising add Phase B in small amounts. Homogenise until dispersed and no bits.
3. Add Phase C and mix to until dissolved.
4. Pre-mix Phase D together until uniform and then add to main batch. Mix.
5. Add Phase E and mix.
6. Add Phase F and stir. Homogenise gently until thick gel cream formed.

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