



## Repairing Intensive Hair Conditioning Masque

### Formulation Reference: FM00171/A

An intensive hair conditioning masque to quench and restore dry hair to its natural beauty. Enriched with Coconut and Jojoba oils, with a vegetable protein to strengthen and protect each fibre. With hair softening and shine enhancing natural oils **Texiterra Marula Oil** and **Texiterra Raspberry Seed Oil**. **Texique PQ37** helps to thicken, emulsify as well as provide exceptional conditioning benefits.

Phase	INCI Ingredients	Function	% w/w	Trade Name
A	Aqua	Solvent	Up to 100%	Deionised Water
	Disodium EDTA	Chelating agent	0.05	Dissolvine NA2 <sup>1</sup>
	Sodium Benzoate	Preservative	0.30	Sodium Benzoate Granular <sup>2</sup>
B	Guar Hydroxypropyltrimonium Chloride	Conditioner	0.25	Jaguar C-17 <sup>3</sup>
C	Citric Acid	pH adjuster	0.12	Citric Acid Monohydrate <sup>4</sup>
	Aqua (and) Cetrimonium Chloride	Conditioner	2.00	Dehyquart A <sup>5</sup>
D	Behentrimonium Chloride	Conditioner	0.50	Genamin KDMP <sup>6</sup>
E	<b>Aqua (and) Polyquaternium-37 (and) C13-15 Alkane (and) PEG-7 Oleate</b>	<b>Conditioner / thickener / emulsifier / stabiliser</b>	<b>1.50</b>	<b>Texique PQ37 <sup>7</sup></b>
F	Cetearyl Alcohol	Wax / thickener / stabiliser	3.00	Lanette 1665 <sup>5</sup>
	Glyceryl Stearate (and) PEG-100 Stearate	Emulsifier	2.50	Arlacel 165 <sup>8</sup>
	Cetyl Esters	Wax / viscosity control	0.75	Crodamol SS <sup>8</sup>
	Simmondsia Chinensis (Jojoba) Seed Oil	Emollient / softening / shine	1.00	Naissance 233 Golden Jojoba Oil <sup>9</sup>



	Cocos Nucifera (Coconut) Oil	Emollient / softening / shine	1.00	AAK Coconut Oil <sup>10</sup>
	<b>Scierocarya Birrea Seed Oil</b>	<b>Emollient / softening / shine</b>	<b>1.00</b>	<b>Texiterra Marula Oil <sup>7</sup></b>
	<b>Rubus Idaeus Seed Oil</b>	<b>Emollient / softening / shine</b>	<b>0.50</b>	<b>Texiterra Raspberry Seed Oil <sup>7</sup></b>
G	Phenoxyethanol	Preservative	0.60	Phenoxyethanol RCH <sup>11</sup>
H	Amodimethicone/ Morpholinomethyl Silsesquioxane Copolymer, Trideceth-5, Glycerin	Conditioner / softening / colour protection	2.00	Belsil ADM 8301 E <sup>12</sup>
	Aqua (and) Hydrolyzed Pea Protein (and) Hydrolyzed Vegetable Protein	Active – hair strengthening	1.00	KeraMatch V-LQ <sup>8</sup>
	Parfum	Fragrance	QS	CPL Aromas – AR757667 <sup>13</sup>

**Suppliers:** <sup>1</sup> Nouryon | <sup>2</sup> OQEMA | <sup>3</sup> Solvay | <sup>4</sup> Univar | <sup>5</sup> BASF | <sup>6</sup> Clariant | <sup>7</sup> **Scott Bader** | <sup>8</sup> Croda | <sup>9</sup> Naissance | <sup>10</sup> Surfachem | <sup>11</sup> Ashland | <sup>12</sup> Wacker  
| <sup>13</sup> CPL Aromas |

## Preparation procedure

1. Weigh out Phase A and mix until completely dissolved.
2. Whilst mixing under a fast vortex sprinkle in Phase B and mix until fully dispersed.
3. Add Phase C and mix until dissolved. Heat to 65°C with mixing.
4. At 65°C add Phase D and mix until dissolved. Heat to 75°C with mixing.
5. Add Phase E to water phase and mix to disperse.
6. Weigh out Phase F and heat to 75°C with mixing. At 75°C add Phase G and mix until uniform.
7. Add Oil phase to Water phase whilst homogenising. Homogenise until smooth and uniform.
8. Cool to below 40°C with slow mixing.
9. At below 40°C add Phase H and mix until uniform.
10. Adjust to pH 3.50 – 4.50.

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