

# Light Hair Conditioner

## Formulation reference: FM00118/A

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
A	Deionised Water	Aqua	Solvent	Up to 100%	
	Edeta BX Powder	Tetrasodium EDTA	Chelating Agent	0.05	BASF
	Sodium Benzoate Granular	Sodium Benzoate	Preservative	0.25	OQEMA
B	Natrosol 250 HHR	Hydroxyethylcellulose	Thickener	0.50	Ashland
C	Lanette 1665	Cetearyl Alcohol	Wax/ Viscosity Control	3.50	BASF
	Arlacel 165	Glyceryl Stearate (and) PEG-100 Stearate	Emulsifier	3.00	Croda
	<b>Texiterra Marula Oil</b>	<b>Scierocarya Birrea Seed Oil</b>	<b>Emollient/ Softening/ Shine/ Nourishing</b>	<b>0.50</b>	<b>Scott Bader</b>
	<b>Texiterra Raspberry Seed Oil</b>	<b>Rubus Idaeus Seed Oil</b>	<b>Emollient/ Softening/ Shine</b>	<b>0.50</b>	<b>Scott Bader</b>
D	Phenoxyethanol RCH	Phenoxyethanol	Preservative	0.60	Ashland
E	Green Tea Leaf Powder	Camellia Sinensis (Green Tea) Leaf Extract	Active/ Antioxidant	0.05	The Soap Kitchen
	Deionised Water	Aqua	Solvent	5.00	

A simple light hair conditioner especially suited for fine hair types, providing gentle all over conditioning thanks to **Texique CS-32**. With **Texiterra Marula Oil** to nourish each hair fibre and **Texiterra Raspberry Seed Oil** to help restore exceptional hair shine.



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F	Texique CS-32	Aqua (and) Starch Hydroxypropyltrimonium Chloride (and) Phenoxyethanol (and) Sodium Benzoate	Natural- Based Conditioner	3.00	Scott Bader
		Parfum	Fragrance	QS	
G		Citric Acid Solution	pH Adjuster	QS	

## Method

1. Weigh out phase A and mix until completely dissolved.
2. Whilst homogenising, add phase B and homogenise until completely dispersed.
3. Heat phase C to 75°C with mixing. At temperature add phase D and mix until uniform.
4. Add oil phase to water phase whilst homogenising. Homogenise until smooth and uniform.
5. Cool to below 40°C with slow mixing.
6. Pre-mix phase E until powder fully dissolved. Add to main batch and mix until uniform.
7. Add phase F individually and mix until uniform.
8. Adjust pH to 4.00 – 5.00 with phase G.

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