



Natural Leave-in Conditioner

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	<i>Glycerine & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua</i>	6.0	Alfa Chemicals
B	Abysinnian Oil	<i>Crambe Abyssinica Seed Oil</i>	1.0	Fancor
B	Activeshine Amazon	<i>Orbignya speciosa kernel oil & Astrocarium murumuru butter</i>	4.0	Chemyunion
B	Shea Butter	<i>Butyrospermum parkii</i>	5.0	Interaxion
B	Sunflower Oil	<i>Helianthus Annuus (Sunflower) Seed Oil</i>	10.0	-
B	Natural Vitamin E	<i>Tocopherol</i>	0.1	BTSA
C	Water	<i>Aqua</i>	72.64	-
C	Kelcogel® CG-HA	<i>Gellan gum</i>	0.06	CP Kelco
D	Euxyl K700	<i>Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol</i>	0.90	Schulke
D	Hesperide Natflor RS26074	<i>Fragrance</i>	0.3	Technico Natflor

APPEARANCE:

White sprayable emulsion

MANUFACTURING PROCESS:

Heat phase A to 70°C

Heat phase B in another beaker to 70°C.

Using a propeller stirrer, slowly add Phase B into the Phase A mixing vigorously

Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).

Heat the water to 75°C

Disperse the gellan gum into the water phase using a homogeniser.

Add the oily gel into phase C using a homogeniser to form a thin white solution.

When cooled to room temperature add phase D.

STABILITY TESTS:

On stability at 45°C

This formula is presented in good faith, and we believe it is correct, but no warranty as to accuracy of results, or fitness for a particular use is given, nor is freedom from patent infringement to be inferred. It is offered solely for your consideration, investigation and verification.

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Updated on 14/04/2009

