

Split Ends Hair Elixir

HSF_6

Phase	INCI	Trade name	Supplier	Weight %
A	Shea Butter Ethyl Esters	Lipex® SheaLight	NRC (AAK)	29
A	Docosane	PARAFOL® 22-95	NRC (Sasol)	1
A	Argania Spinosa Kernel Oil	Argan Oil	NRC (DSM)	1
A	Crambe Abyssinica Seed Oil	Fancor® Abyssinian Oil	NRC (Elementis)	4
B	Ethylene/VA Copolymer	Asensa® CL 300	NRC (Honeywell)	15
C	Shea Butter Ethyl Esters	Lipex® SheaLight	NRC (AAK)	41
C	Dodecane	PARAFOL® 12-97	NRC (Sasol)	9

Processing by Quenchmethod:

- Combine phase A with Asensa CL 300 and heat to 90 °C (15 °C over CP) and stir for 15 minutes
- Cool down to 80 °C (5 °C over CP) and add phase C (Quench Solvent)
- Cool down to RT while stirring

Determination of the Cloud Point (CP)

- Heat A and B until it gets clear, increase temperature by 10 °C and stir for 15 minutes
- Cool down and note the point, when the system gets cloudy → CP
- Cloud Point for HSF_6: **CP= 75 °C**

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Base

- Waterfree formulation with **Lipex® SheaLight** as main compound
- **Parafol® 12-97** and **Parafol® 22-95** to replace volatile silicone compounds

Texture

- **Asensa® CL 300** as effective oil thickener and film forming compound

Actives

- **Argan Oil** for natural shine enhancement and extra care for dry or brittle hair
- **Fancor® Abyssinian Oil** for enhanced dry combing and strengthening of hair fibres