

Split Ends Hair Elixir

HSF_6

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

All information and technical application advices given herein are based on practical experience and thorough examinations. However, they have to be understood as non-binding information only. We therefore strongly recommend to carry out own tests before using our products. Our products are sold in accordance with our General Terms & Conditions of Sale.