



PERSONAL CARE
HAIR TREATMENT

HAIR GEL WAX [KD-380]



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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		up to 100,00	solvent
	Glycerin		0,50	solvent
	PPG-5-Ceteth-20	ROKAnol®LP6066 MB	0,80	surfactant
A1	Laureth-3	ROKAnol® LK3	5,00	surfactant
B	Ceteareth-25	ROKAnol® T25 FLAKES	23,00	emulsifying agent
C	Phenoxyethanol, Ethylhexylglycerin		0,50	preservative
D	Parfum		0,25	fragrance



pH		5.0 - 7.5
Apperance	visual method	clear, sticky gel
Stability	1 month in 5°C, 20°C, 40°C	confirmed

Procedure:

1. In a separate vessels combine ingredients from phase A and B.
2. Prepare other ingredients – phase A1, C and D.
3. Heat phase A and B to 75-80°C.
4. Add ROKAnol LK3 to phase A, keep A/A1 at 75-80°C.
5. Add ROKAnol® T25 Flakes (phase B) to phase A/A1 during mixing. Maintain the temperature of 75-80 ° C until dissolved.
6. Cool the batch down to 50°C. Add phase C and D ingredients while mixing.
7. Cool the batch down to 25°C.



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