



PERSONAL CARE  
**BODY TREATMENT**

**HAND CREAM [KD-83]**

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Cetearyl alcohol	ExoAlc 1618 flakes	4,0	emulsion stabilizer
	Glyceryl Stearate, PEG-100 Stearate		2,0	emulsifier
	Ceteareth-12	ROKAnol®T12	1,5	emulsifier
	Helianthus Annuus Seed Oil		1,0	emollient
	Petrolatum		0,5	emollient
	Stearic Acid		1,5	rheology modifier
	PPG-15 Stearyl ether	ROKAnol® SP15L	8,0	emollient
B	Aqua		58,0	solvent
	Betaine		2,0	active
	Glycerin		20,0	solvent
C	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben		1,0	preservative
D	Parfum		0,5	fragrance



pH		5.0 - 7.0
Apperance	visual method	white emulsion
Stability	1 month at 5°C, RT, 40°C	confirmed

## Procedure:

1. In a separate vessell combine ingredients from phase A and B.
  2. Heat phase A and B to 75-80°C.
  3. Add A into B while mixing, keep A/B at 75-80°C. Homogenise with 2000-3000 RPM, 120 sec.
  4. Cool the batch down to 50°C while mixing. Add phase C ingredients while mixing. Homogenise with 2500-3500 RPM, 90 sec.
5. Cool the batch down to 25°C. Add phase D ingredients while mixing. Homogenise with 2500-3500 RPM, 30 sec.



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