



PERSONAL CARE
FACE TREATMENT



**CREAMY FACE SCRUB
[KD-91]**

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Ceteareth-12	ROKAnol®T12	1,50	emulsifier
	Ceteareth-25	ROKAnol® T25	0,50	emulsifier
	Cetearyl alcohol	ExoAlc 1618 flakes	3,00	emulsion stabilizer
	PPG-15 Stearyl ether	ROKAnol® SP15L	6,00	emollient
	Caprylic/Capric Triglyceride		1,00	emollient
	Helianthus Annuus Seed Oil		5,00	emollient
	Butyrospermum Parkii Butter		0,50	emollient
	Tocopheryl Acetate		0,20	active
B	Aqua		73,68	solvent
	Betaine		1,00	active
	Glycerin		4,00	solvent
	Pentylene Glycol		2,00	solvent
	Magnesium Aluminum Silicate		0,10	rheology modifier
C	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		0,27	rheology modifier
D	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben		0,50	preservative
	Sodium Hydroxide		0,10	pH adjuster
E	Parfum		0,30	fragrance
	Cellulose acetate		0,35	abrasive



pH		5.0 – 7.0
Apperance	visual method	emulsion with scrub particles
Stability	1 month at 5°C, RT, 40°C	confirmed

Procedure:

1. In a main vessel combine ingredients from the phase B. Add Pentylene Glycol, Glycerin, Betaine to the water. Add Magnesium Aluminum Silicate while mixing. Mix for 10 min - 150-200 RPM. Homogenise with 2000- 3000 RPM, 5-6 min.
2. Add Acrylates/C10-30 Alkyl Acrylate Crosspolymer while mixing. Mix for 10 min - 100-150 RPM. Homogenise with 700-1000 RPM, 60-90 sec.
3. In a separate vessel combine ingredients from phase A.
4. Heat phase A and B to 75-80°C.
5. Add A into B, while mixing, keep A/B at 75-80°C. Homogenise with 2000-3000 RPM, 120 sec.
6. Cool the batch down to 50°C while mixing. Add phase D ingredients while mixing. Homogenise with 2500-3000 RPM, 120 sec.
7. Cool the batch down to 25°C while mixing.
8. Add Parfum and abrasive while mixing. Mix until uniform.



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