



PERSONAL CARE
HAIR TREATMENT



CLASSIC SHAMPOO
[SZ-01]

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		37,95	solvent
	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	2,00	re-oiling agent
	Disodium Laureth Sulfosuccinate	Sulfobursztynian L3/40	4,00	surfactant
	Sodium Laureth Sulfate	SULFOROKAnol® L227/1	30,00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	15,00	surfactant
B	Citric acid		0,05	pH modifier
C	PEG-120 Methyl Glucose Dioleate		1,00	thickening agent
D	Parfum		0,50	fragrance
	Ehylhexyl Glycerine, Phenoxyethanol		1,00	preservative
	Cocamidopropyl Betaine	ROKAmina®K30	4,50	surfactant
E	Sodium Chloride		1,50	viscosity modifier



pH		5.0 - 7.0
Apperance	visual method	turbid gel
Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 20°C	1500 - 5000
Stablility	1 month at 5°C, RT, 40°C	confirmed

Procedure:

1. Add ingredients from phase A to the hot water (70-75°C).
2. While mixing add ingredients one after another in the order from the table above. Mix until uniform.
3. Cool the batch down to at least 50°C.
4. Control pH range. If necessary, adjust pH by Citric Acid to 5.0 - 7.0.
5. Add PEG-120 Methyl Glucose Dioleate during mixing. Mix until uniform. Cool the batch down to at least 35°C.
6. Add fragrance, preservative and Cocamidopropyl Betaine during mixing. Mix until uniform.



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