

PEARL SHAMPOO [SZ-02]

HAIR TREATMENT

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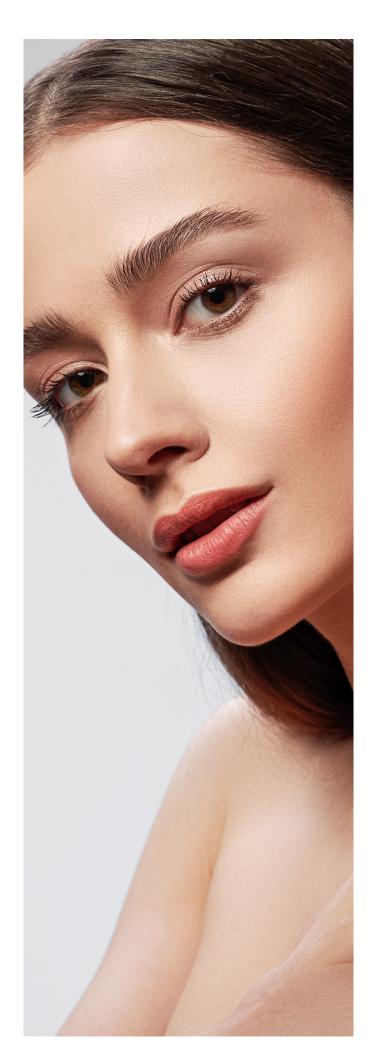
PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
Α	Aqua		39,89	solvent
	Citric acid		0,06	pH modifier
	Polyquaternium 10		0,15	conditioning agent
	Disodium Laureth Sulfosuccinate	EXOsoft L3/40	2,50	surfactant
	Sodium Laureth Sulfate	SULFOROKAnol® L227/1	30,00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	15,00	surfactant
В	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	1,50	re-oiling agent
	PEG-120 Methyl Glucose Dioleate		1,00	thickening agent
С	Parfum		0,50	fragrance
	Ehylhexyl Glycerine, Phenoxyethanol		1,00	preservative
	Cocamidopropyl Betaine	ROKAmina®K30	6,00	surfactant
D	Sodium Laureth Sulfate and Cocamide DEA and Glycol Distearate	EXOpearl N	1,00	pearling agent
E	Sodium Chloride		1,40	viscosity modifier



рН		5.0 - 7.0	
Apperance	visual method	viscous, pearl gel	
Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	3000 - 6000	
Stablility	1 month at 5°C, RT, 40°C	confirmed	

## Procedure:

- 1. Add ingredients from phase A to the hot water (70-75°C). While mixing add ingredients one after another in the order from the table above. Mix until uniform. NOTE. Add Polyquaternium-10 and mix untill homogenous liquid is obtained. Add the rest of the phase A components.
- 2. Cool the batch down to at least 50°C.
- 3. Add PEG-120 Methyl Glucose Dioleate and PEG-7 Glyceryl Cocoate during mixing. Mix until uniform. Cool the batch down to at least 35°C.
- 4. Add fragrance, Cocamidopropyl Betaine and preservative during mixing. Mix until uniform.
- 5. Add pearling agent. Mix until uniform.
- Add NaCl to adjust the viscosity. NOTE. Add salt (not in one go) – after addition of each portion mix well.
- 7. Control the pH range if necessary, add Citric Acid. Mix well after adjustment.
- 8. Control the viscosity if necessary, add Sodium Chloride.





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