



PERSONAL CARE
OTHER



SHAMPOO FOR CHILDREN FROM 3 YEARS OLD [KD-37]

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		up to	solvent
	Sodium Benzoate, Potassium Sorbate		0,50	preservative
	Betaine		1,00	active
	Lactic Acid		0,25	pH adjuster
	Benzophenone-4		0,05	UV filter
	CI 42090		q.s.	colorant
B	Ammonium Laureth Sulfate	SULFOROKAnol®A325/1	30,00	surfactant
C	Polyquaternium-7		0,25	conditioner
	PEG-120 Methyl Glucose Dioleate		0,50	thickener
	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	0,50	surfactant
D	Cocamidopropyl Betaine	ROKAmin®K30K	6,00	surfactant
E	Parfum		0,30	fragrance
	Sodium Laureth Sulfate, Cocamide DEA, Glycol Distearate	EXOppearl N	1,00	surfactant
F	Sodium Chloride		1,80	thickener



Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	3000 - 8000
Stability	1 month at 5°C, RT, 40°C	confirmed
Apperance	visual method	pearl, light-blue gel
pH		4.8 - 5.3

Procedure:

1. In a main vessel combine ingredients from phase A. Heat up to 55-60°C. Mix until uniform.
2. Add Ammonium Laureth Sulfate. Mix until uniform.
3. Add ingredients from phase C. Mix until uniform. Cool the batch down to 30°C.
4. Add slowly Cocoamidopropyl Betaine while mixing. Mix until uniform.
5. Add ingredients from phase E. Mix until uniform.
6. Add Sodium Chloride while mixing (Add small portions and dissolve).



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