



PERSONAL CARE  
OTHER



# MILD BABY SHAMPOO WITHOUT SALT ADDITION [sz-06]

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		up to 100.0	solvent
	Sodium Benzoate, Potassium Sorbate		0.6	preservative
	Magnesium Laureth Sulfate	EXOsoft MGB	17.7	surfactant
	PEG-75 Lanolin	ROKAnol® LN75/50	1.0	moisturising agent
	MEA Lauryl Sulfate	ROSulfan®M	10.0	surfactant
B	PEG-120 Methyl Glucose Dioleate		1.5	thickening agent
C	Cocamidopropyl Betaine	ROKAmina®K30	6.5	surfactant
	Parfum		0.3	fragrance
	Citric acid		q.s.	pH modifier



Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	1500 - 5000
Stability	1 month at 5°C, RT, 40°C	confirmed
Apperance	visual method	clear, light-yellow gel
pH		5.0 - 5.5

## Procedure:

1. Combine ingredients from phase A. Add ingredients from phase A to warm water (55-60°C). Mix until homogenous solution is obtained.
2. Add PEG-120 Methyl Glucose Dioleate during mixing. Mix until uniform.
3. Cool the batch down to 35°C.
4. Add parfum and Cocamidopropyl Betaine during mixing. Mix until uniform.
5. If necessary, adjust pH by Citric Acid to 5.0 - 5.5.



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