



PERSONAL CARE
OTHER



WASHING & BATHING GEL FOR INFANTS [KD-23]

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		84,2	solvent
	Lauryl Glucoside		4,0	surfactant
	Sodium Benzoate, Potassium Sorbate		0,5	preservative
	Glycerin		2,0	moisturising agent
	Lactic Acid		0,3	pH adjuster
B	Disodium Laureth Sulfosuccinate	EXOsoft L3/40	2,0	surfactant
	Coco-Glucoside, Glyceryl Oleate		0,5	surfactant
C	PEG-120 Methyl Glucose Dioleate		0,5	thickener
D	Cocamidopropyl Betaine	ROKamina®K30	6,0	surfactant



Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	2000 - 8000
Stability	1 month at 5°C, RT, 40°C	confirmed
Apperance	visual method	bright-yellow, viscous gel
pH		4.8 - 5.3

Procedure:

1. Combine ingredients from phase A. Add ingredients from phase A to warm water (55-60°C). Mix until homogenous solution is obtained. Cool the batch down to at least 50°C.
2. Add ingredients from phase B. Mix until uniform.
3. Add PEG-120 Methyl Glucose Dioleate during mixing. Mix until uniform. Cool the batch down to at least 30°C.
4. Add Cocamidopropyl Betaine during mixing. Mix until uniform.
5. If necessary, adjust pH by Lactic Acid to 4.8 - 5.3.



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