



PERSONAL CARE
OTHER



WASHING & BATHING LIQUID 2 in 1 FOR INFANTS [KD-21]

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		79,9	solvent
	Xanthan Gum		0,8	rheology modifier
	Glycerin		3,0	moisturising agent
B	Lactic Acid		0,3	pH adjuster
	Sodium Benzoate, Potassium Sorbate		0,5	preservative
	Betaine		2,0	active
	Sodium Lauroyl Sarcosinate	ROKAtend LS	5,0	surfactant
	Panthenol		0,5	active
C	Cocamidopropyl Betaine	ROKAmina®K30K	8,0	surfactant



Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	3000 – 9000
Stability	1 month at 5°C, RT, 40°C	confirmed
Apperance	visual method	transparent, viscous gel
pH		4.8 – 5.3

Procedure:

1. In a main vessel combine ingredients from the phase A. Add Xanthan Gum to Glycerin – mix until homogenous solution is obtained. Add warm water (50–55°C). Mix until homogenous solution is obtained. Homogenise for 2–3 minutes.
 2. Add the phase B components. Mix until uniform. Cool the batch down to 35°C.
3. When the batch temperature is 35°C, add Cocamidopropyl Betaine during mixing. Mix until uniform.
 4. Control the pH range – if necessary, add Lactic Acid. Mix well after adjustment.



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