



PERSONAL CARE
BODY TREATMENT



**TRADITIONAL LIQUID
SOAP [MP-01]**

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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		up to	solvent
	Benzophenone-4		0,05	UV absorber
	Sodium Laureth Sulfate	SULFOROKAnol® L227/1	30,00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	5,00	surfactant
	Citric acid		0,25	pH modifier
	Sodium Benzoate, Potassium Sorbate		0,60	preservative
B	Parfum		0,50	fragrance
	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	1,00	re-oiling agent
	CI 19140		q.s.	colorant
	Cocamidopropyl Betaine	ROKAminc®K30	7,00	surfactant
C	Sodium Chloride		2,20	viscosity modifier



pH		4.8 - 5.5
Apperance	visual method	bright-yellow gel
Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	2500 - 5000
Stablility	1 month at 5°C, RT, 40°C	confirmed

Procedure:

1. Add ingredients from phase A to the warm water (45-50°C). Mix until uniform.
2. Cool the batch down to at least 35°C.
3. Add fragrance, PEG-7 Glyceryl Cocoate and colorant during mixing. Mix until uniform.
4. Add slowly Cocamidopropyl Betaine during mixing. Mix until uniform.
5. Add Sodium Chloride to adjust the viscosity. NOTE. Add salt (not in one go) – after addition of each portion mix well.
6. Control the pH range – if necessary, add citric acid. Mix well after adjustment.
7. Control viscosity if necessary, add Sodium Chloride.



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