

## PERSONAL CARE BODY TREATMENT



# TRADITIONAL LIQUID SOAP [MP-01]

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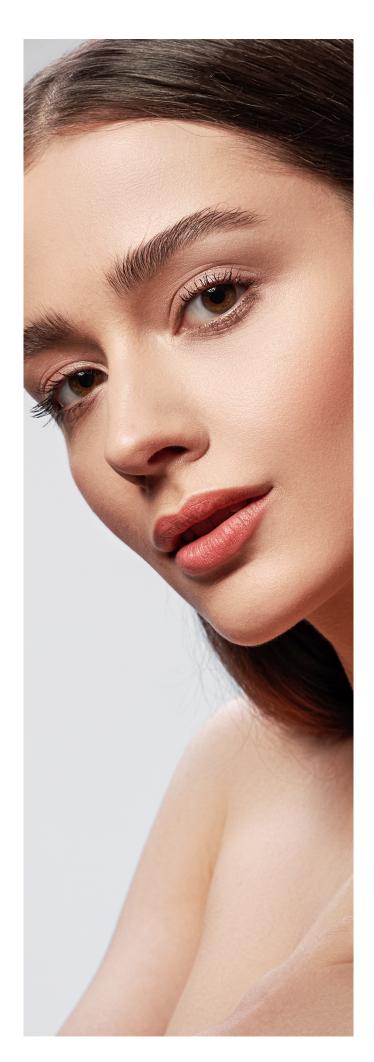
PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
Α	Aqua		up to	solvent
	Benzophenone-4		0,05	UV absorber
	Sodium Laureth Sulfate	SULFOROKAnol® L227/1	30,00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	5,00	surfactant
	Citric acid		0,25	pH modifier
	Sodium Benzoate, Potassium Sorbate		0,60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



рН		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 colorantduring 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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