



PERSONAL CARE  
**FACE TREATMENT**

MILD GEL TO SKIN FACE WASHING [KD-61]

FACE TREATMENT  
FORMULATION ZONE

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the thought  
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# MILD GEL TO SKIN FACE WASHING [KD-61]

PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		50,00	solvent
	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		0,85	rheology modifier
B	Aqua		up to {0}	solvent
	Disodium Laureth Sulfosuccinate	EXOsoft L3/40	5,00	surfactant
	Cocamidopropyl Betaine	ROKAmina®K30	6,00	surfactant
	Betaine		1,00	active
	Glycerin		1,00	moisturising agent
	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	0,50	surfactant
	CI 42090		q.s.	colorant
C	Benzophenone-4		0,05	UV filter
	Phenoxyethanol, Ethylhexylglycerin		1,00	preservative
	Parfum		0,30	fragrance
	Sodium Hydroxide		0,50	pH adjuster



Stability	1 month at 5°C, RT, 40°C	confirmed
Apperance	visual method	clear, blue viscous gel with suspended air bubbles
pH		5.0 – 6.0

## Procedure:

1. Pour the warm deionized water (40-50°C) in to the main vessel and add the Acrylates/C10-30 Alkyl Acrylate Crosspolymer. Start mixing when the polymer is completely wetted. Mix until the homogenous solution is obtained.
  2. Combine ingredients from phase B in a separate vessel. Heat up to 30°C with gentle agitation. Mix until homogenous solution is obtained.
3. Add phase B to phase A. Mix until homogenous solution is obtained. Cool the batch down to 30°C.
  4. When the batch temperature is 30°C, add preservative, fragrance and Sodium Hydroxide. Mix for 20 minutes with slow agitation.
  5. Readjust the final pH to 5.0 – 6.0 with addition of Sodium Hydroxide (30%) if necessary.



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