



PERSONAL CARE
FACE TREATMENT



MILD GEL TO SKIN FACE WASHING [KD-61]

FACE TREATMENT
FORMULATION ZONE

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*Designed with
the thought
about you.*

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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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The responsibility for the use of products in conformity or otherwise with the suggested application and for determining product suitability for your own purposes rests with the user.

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