



PERSONAL CARE  
**FACE TREATMENT**



**DEEPLY CLEANSING GEL  
FOR SKIN FACE [ST-02]**

# DEEPLY CLEANSING GEL FOR SKIN FACE [ST-02]

PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		49.0	solvent
	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		1.0	viscosity modifier
B	Aqua		14.0	solvent
	Sodium Lauroyl Glycinate	ROKAtend GL	10.0	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	20.0	surfactant
	Cocamidopropyl Betaine	ROKAmind®K30	3.4	surfactant
C	Parfum		0.4	fragrance
	Propylene Glycol		1.0	solvent
	Benzyl Alcohol, Ethylhexylglycerin, Tocopherol		1.0	preservative
D	Sodium Hydroxide		0.2	pH modifier



pH		5.5 - 6.5
Apperance	visual method	clear, viscous gel with suspended air bubbles
Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	15000 - 20000
Stablility	1 month st 5°C, RT, 40°C	confirmed

## 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 60°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 around 30°C, add preservative, Propylene Glycol and fragrance. Mix for 20 minutes with slow agitation.
5. Readjust the final pH to 5.5 - 6.5 with addition of Sodium Hydroxide (30%) if necessary.



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