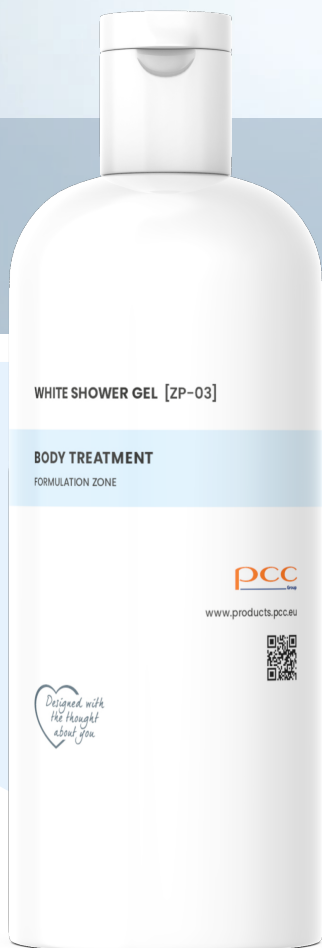




PERSONAL CARE  
**BODY TREATMENT**



# WHITE SHOWER GEL [ZP-03]

## WHITE SHOWER GEL [ZP-03]

PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		33,37	solvent
	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		0,40	viscosity modifier
	Sodium Hydroxide (30% solution)		0,25	pH modifier
B	Aqua		20,00	solvent
	Xanthan Gum		0,45	viscosity modifier
	Glycerin		2,00	moisturising agent
	Polyquaternium 10		0,01	conditioning agent
C	Aqua		10,00	solvent
	Talc		2,00	skin conditioner
	Mica, Titanium dioxide		0,02	pearling agent
	Sodium Lauroyl Glycinate	ROKAtend GL	10,00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	20,00	surfactant
	Parfum		0,50	fragrance
D	Ethylhexyl Glycerine, Phenoxyethanol		1,00	preservative



pH		6.0 - 7.5
Apperance	visual method	white viscous gel
Viscosity [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C	6000 - 9000
Stablility	1 month at 5°C, RT, 40°C	confirmed

## Procedure:

1. Pour the warm deionized water (40-50°C) into the main vessel and add the Acrylates/C10-30 Alkyl Acrylate Crosspolymer. Start mixing when the agent is completely wetted. Mix until the homogenous solution is obtained.
2. Add Sodium Hydroxide. Mix until homogenous solution is obtained.
3. Combine ingredients from phase B in a separate vessel. Add Xanthan Gum to Glycerin – mix until homogenous solution is obtained. Add warm water (40-50°C) and Polyquaternium-10. Mix until homogenous solution is obtained. If necessary, homogenise for 2-3 minutes.
4. Add phase B to main vessel. Mix until homogenous solution is obtained. If needed, homogenise for 2-3 minutes.
5. Combine ingredients from phase C in a separate vessel. Heat up to 40°C with gentle agitation. Mix until homogenous solution is obtained.
6. Add phase C to the main vessel. Mix until homogenous solution is obtained. Cool the batch down to 30°C.
7. Add fragrance and preservative. Mix gently until homogenous solution is obtained.



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