

Clear Bath Gel

 CLEANSING | SHOWER GEL
 RR-01-10-00

Clear shower gel with **WorléeAqua Thix 100** as a rheology modifier with efficient thickening and suspending properties. The formulation is very stable at both low and high storage temperatures.

Phase	Ingredient	INCI	Supplier	%
A	Water	Aqua		43.76
	WorléeAqua Thix 100	Acrylates Crosspolymer	Worlée	7.50
B	Hansanol NS 242	Sodium Laureth Sulfate	Hansa Chemie	35.00
C	Sodium Hydroxide (25%)	Aqua and Sodium Hydroxide		0.79
D	Cetiol HE	PEG-7 Glyceryl Cocoate	BASF	2.20
	Tagat CH 40	PEG-40 Hydrogenated Castor Oil	Evonik	0.75
	Fragrance Sparkling Melon - P0262182	Parfum	Frey + Lau	0.50
E	Hoesch Betain (40%)	Cocamidopropyl Betaine	Hoesch	8.50
F	KEM NAT	Benzyl Alcohol and Glyceryl Caprylate and Glyceryl Undecylenate	Akema	1.00
	Yellow 6	CI 15985		q.s.
Total:				100.00

PROCEDURE

- Mix phase A until uniform and add ingredients of phase B separately while stirring.
- Add phase C while stirring.
- Add ingredients of phase D separately and mix until uniform.
- Add phases E and F and stir until uniform.

PARAMETER

pH: 5.9 - 6.2

Viscosity: 5200 - 5700 mPas (Rheometer, cone/plate 4°/40mm, 4 RPM, 25°C)

Viscosity: 3100 - 3600 mPas (Rheometer, cone/plate 4°/40mm, 10 RPM, 25°C)

STABILITY

Microbiological Challenge Test: Passed

Stable for at least 3 months at RT and 40°C.

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BY: SAM

