



# Mild Exfoliating Body Scrub - Sulfate- and PEG-free

CLEANSING | BODY SCRUB  
RR-01-08-01

Mild exfoliating body cleanser with **WorléeBeads Jojoba** as a natural and biodegradable alternative to polyethylene beads.

**WorléeAqua Thix 100** is a rheology modifier with efficient thickening and suspending properties, even in sulfate- and PEG-free surfactant formulations.

Phase	Ingredient	INCI	Supplier	%
A	Water	Aqua		47,48
	WorléeAqua Thix 100	Acrylates Crosspolymer	Worlée	8,60
B	Perlastan L 30	Sodium Lauroyl Sarcosinate	Schill & Seilacher	25,80
	Perlastan SCG 50	Disodium Cocoyl Glutamate	Schill & Seilacher	5,75
C	Sodium Hydroxide (25%)	Aqua and Sodium Hydroxide		0,32
D	Tegosoft PC 31	Polyglyceryl-3 Caprate	Evonik	1,10
	Dermosoft G 10 L	Polyglyceryl-10 Laurate	Dr. Straetmans	1,00
E	Hoesch Betain (40%)	Cocamidopropyl Betaine	Hoesch	3,35
F	Microcare PHDG	Phenoxyethanol and Decylene Glycol and Caprylyl Glycol	Thor	1,00
	Fragrance Lemongrassstea - P0240119 Parfum		Frey + Lau	0,80
G	Yellow 10	CI 47005		q.s.
	Blue 1 Lake	CI 42090		q.s.
H	WorléeBeads Jojoba Sunflower 20/60 mesh	Hydrogenated Jojoba Oil and CI 77492	Worlée	4,80
<b>Total:</b>				<b>100,00</b>

## 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.
- Adjust the color of the formulation with phase G.
- Add phase H with gentle stirring until uniform.

## PARAMETER

pH: 6.1 - 6.5

Viscosity: 4700 - 5200 mPas (Rheometer, plate/plate 20mm, 4 RPM, 25°C)

Viscosity: 2600 - 3200 mPas (Rheometer, plate/plate 20mm, 10 RPM, 25°C)

## STABILITY

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

Microbiological Challenge Test: Passed

CREATED AT: 2015-10-22

BY: SAM

