

# Deep Cleansing Scrub

 CLEANSING | SHOWER SCRUB  
 RR-01-13-01

Eco-friendly shower scrub without polyethylene microbeads. The combination of **WorléeSil 300** and **WorléeBeads HCO White** as alternatives for polyethylene beads delivers a strong peeling effect. **WorléeAqua Thix 150** is a rheology modifier with efficient thickening and suspending properties.

Phase	Ingredient	INCI	Supplier	%
A	Water	Aqua		44.15
	WorléeAqua Thix 150	Acrylates Copolymer	Worlée	8.00
B	Hansanol NS 242	Sodium Laureth Sulfate	Hansa Chemie	25.00
C	Sodium Hydroxide 25%	Sodium Hydroxide		0.80
D	Cetiol HE	PEG-7 Glyceryl Cocoate	BASF	1.80
	Tagat CH 40	PEG-40 Hydrogenated Castor Oil	Evonik	0.80
	Perlastan SCG 50	Disodium Cocoyl Glutamate	Schill + Seilacher	1.90
	Rewoderm LI 520-70	PEG-200 Hydrogenated Glyceryl Palmate	Evonik	0.25
	Fragrance Aqua - P0216681	Parfum	Frey + Lau	1.00
	Euxyl K350	Phenoxyethanol and Methylparaben and Propylene Glycol and Ethylparaben and Ethylhexylglycerin	Schülke & Mayr	0.70
E	Hoesch Betain 40%	Cocamidopropyl Betaine	Hoesch	6.60
	Plantacare 818 UP	Coco-Glucoside	BASF	5.00
F	WorléeBeads HCO White 60/100 mesh	Hydrogenated Castor Oil	Worlée	2.00
	WorléeSil 300	Silica	Worlée	2.00
<b>Total:</b>				<b>100.00</b>

## PROCEDURE

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

## PARAMETER

pH: 6.0 - 6.4

Viscosity: 10000 - 10500 mPas (Rheometer, plate/plate 20mm, 4 RPM, 25°C)

Viscosity: 6000 - 6500 mPas (Rheometer, plate/plate 20mm, 10 RPM, 25°C)

## STABILITY

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

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BY: SAM

