



# Polyethylene-free Shower Scrub

CLEANSING | SHOWER SCRUB  
RR-01-05-01

Eco-friendly shower scrub without polyethylene microbeads. **WorléeBeads HCO White** are an biodegradable alternative for polyethylene beads and **WorléeAqua Thix 100** is a rheology modifier with efficient thickening and suspending properties.

| Phase         | Ingredient                       | INCI  | Supplier           | %             |
|---------------|----------------------------------|---|--------------------|---------------|
| A             | Water                            | Aqua  |                    | 44,10         |
|               | WorléeAqua Thix 100              | Acrylates Crosspolymer  | Worlée             | 8,00          |
| B             | Ifracon LOS 2N28                 | Sodium Laureth Sulfate  | DHW / Ecogreen     | 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             | 0,50          |
| E             | Hoesch Betain 40%                | Cocamidopropyl Betaine  | Hoesch             | 11,60         |
| F             | Euxyl K350                       | Phenoxyethanol and Methylparaben and Propylene Glycol and Ethylparaben and Ethylhexylglycerin | Schülke & Mayr     | 0,60          |
|               | WorléeBeads HCO White 20/60 mesh | Hydrogenated Castor Oil   | Worlée             | 4,00          |
|               | Sensitive Scent P0226085         | Parfum  | Frey + Lau         | 0,90          |
| <b>Total:</b> |                                  |   |                    | <b>100,00</b> |

## PROCEDURE

1. Mix phase A until uniform and add phase B while stirring.
2. Add phases C, D and E separately and stir until uniform.
3. Add ingredients of phase F separately and stir until uniform.

## PARAMETER

pH: 6,2-6,4

## STABILITY

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

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