

# HAIR AND BODY SHAMPOO, PEG-FREE

UW 230/4

This clear and PEG-free hair and body shampoo provides good conditioning properties for hair and skin combined with color wash fastness properties for dyed hair.

PHASE	INGREDIENTS	% W/W
	Sodium Lauryl Sulfate, 35%	17.10
	Water	72.40
	Ucare Polymer JR 400 (Polyquaternium-10)	0.20
	TEGO® Betain F 50 (Cocamidopropyl Betaine)	6.60
	ABIL® ME 45 MB (Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine)	1.70
	ANTIL® SPA 80 (Isostearamide MIPA; Glyceryl Laurate)	1.50
	Citric Acid (30 % sol. in water)	0.50
	Sodium Chloride	q.s.
	Preservative, Perfume	q.s.

## Processing

Blend ingredients at given order at -40°C. Adjust pH value to -5.5 and viscosity with NaCl.

## Remarks

Viscosity (Brookfield, 25°C): 3000 mPas

**Disclaimer:**

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