

A young girl with dark hair is crouching in a shallow stream, washing her hair. She is wearing a dark blue patterned sarong and blue flip-flops. The background shows a lush green forest with a stream flowing through it. The image is partially overlaid by a white geometric pattern of triangles on the left side.

LOHAS Protect & Boost Co-Wash

Co-washing (conditioner washing) is leading the “NO POO” movement for gentle and less aggressive shampoos. No sulfates or low sulfate cleansers are more present, as healthy hair becomes the gold standard. To protect and condition the hair we added **Danox® HC-30**, an eco-friendly, ready-to-use cationic hair conditioning agent. Shine is a must, and we’ve added **Softcare® GP-1** to enhance shine and add to the conditioning benefits. **Seveov™ LG** stimulates growth and prevents future hair loss.

	Trade name	INCI name	Supplier	%
A	1	Water (Aqua)	Univar*	64.3
	2 Danox® HC-30	Behenamidopropyl Dimethylamine, Dipalmitoylethyl Hydroxyethylmonium Methosulfate, Cetyl Alcohol, Stearyl Alcohol, Lactic Acid	Kao Chemicals Europe / Univar*	5
	3	Water (Aqua)	Univar*	20
B	4 ACULYN™ 46N	PEG-150/Stearyl Alcohol/SMDI Copolymer	Dow Personal Care / Univar*	2
	5 EcoSense™ 3000	Decyl Glucoside	Dow Personal Care / Univar*	4
C	6 Sofcare® GP-1	PPG-3 Caprylyl Ether	Kao Chemicals Europe / Univar*	0.5
	7 Kem Nat β	Benzyl Alcohol, Glyceryl Caprylate, Benzoic Acid, Propanediol	Akema / Univar*	1
	8 Fruity Candies SX137838	Parfum / Fragrance	Kao Fragrances / Univar*	0.2
	9 Seveov™ LG IA500060	Glycerin, Water, Lepidium Meyenii Root Extract	Naturex / Univar*	3

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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Procedure (Hot process)

1. Heat water of phase A at 85°C.
2. Add Danox® HC-30 to heated water under strong stirring until homogeneous.
3. Maintain at 75-80°C for 30-45 min at 400 rpm (check the absence of lumps before passing to step 4 of the process).
4. Combine at room temperature phase B with stirring until homogeneous.
5. Add phase B to the blend with stirring until homogeneous.
6. When the temperature is below 40°C, add the ingredients one by one from phase C.
7. Adjust final pH between 4 – 5 if necessary

Stability

Stable at least 3 months at room temperature and 40°C.

Comments

- Viscosity 10,610 cPs S356
*Viscosity measured after 1 minute
- pH = 4.69
- Sulfate-free formula
- The purpose of co-washing, which shorts for conditioner washing, is to preserve the natural oils of the hair while still gently cleansing, allowing for better hydration for all hair types and less color stripping for colored hair.
- The reference to "LOHAS" – an acronym for "lifestyles of health and sustainability" – translates the target use of eco-friendly materials.