

Waterless Solid Hair Hydrating Conditioner Bar

Ditch the plastic container and lower your carbon footprint with this hydrating solid hair conditioner bar! Packed with nourishing ingredients that condition, smooth and soften the hair. Minimize frizz and add shine while improving hair texture. This formulation is designed to maximize the payout of its' active ingredients to ensure maximum performance and optimal stability in a humid bathroom atmosphere. The formulation is free of PEG, EO and 1,4-dioxane with no preservative.

Use directions: Wet the hair and conditioner bar. Gently run the bar over the damp hair from root to tip in a downward motion for a light, thorough coating. Work the conditioner through the wet hair with hands. Leave the product in the hair for few minutes and rinse it off for maximum nourishment. Store the bar in a dry area between uses.

Item #	INCI Name	Trade Name	Function	% (w/w)
1	Cetearyl Alcohol	SP CRODACOL 1618 ⁽¹⁾	Emulsifier, bar solidifier, and payout modifier	60.0
2	Behentrimonium Chloride (and) Isopropyl Alcohol	INCROQUAT BEHENYL TMC-85 ⁽¹⁾	Hair conditioner, improves wet combing, and emulsifier	24.0
3	Glyceryl Olivat	PEL-EST™ OVG	Humectant; Refatting agent, and bar softener	5.0
4	Dimethicone PG-Sunflowerseedate	PEL-SIL™ SFD	Hair conditioner, bar softener, improves dry combing and hair shine	4.0
5	C18-38 Alkyl Hydroxystearoyl Stearate	KESTER WAX K-82P ⁽²⁾	Plasticizer, payout modifier and increases stability	3.0
6	Amodimethicone	PEL-SIL™ AMOD	Hair conditioner, improves frizz control and bar softener	3.0
7	Fragrance	Fragrance ⁽³⁾	Fragrance	0.6
8	Kermit Green Mica	Dye	Green color	0.4

(1) : Croda ; (2) : Koster Keunen ; (3) : Orchidia Fragrance

Procedure:

- Mix and melt ingredients 1, 3-6 at 85-90°C until uniform, and then add ingredient 2. Keep mixing and heating to 115°C until no particles are observed. Add ingredient 8 while mixing. Cool to 90°C, add ingredient 7 and continue mixing.
- Cool to 75°C and pour the hot mixture into desired mold and allow to cool.

Results:

- Appearance: solid, green colored bar

#NH-U-F4

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