

Vivacious Vegan Deep Conditioner

NATURAL

- Natural & Vegan Conditioner
- Gorgeous Glossy White Emulsion
- Boostable Formula for Deep Conditioning

Ingredient Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	66.4
Jaguar C-17 ²	Guar Hydroxypropyltrimonium Chloride	0.6*
Glycerin	Glycerin	5.0
Phase B		
Kostol Natural E ¹	Behenyl Alcohol, Polyglyceryl-3 Stearate	5.0
Kester Wax K-24 ¹	Lauryl Laurate	6.0
Kester Wax K-48 ¹	Cetyl Palmitate	4.0
CS alcohol 50:50	Cetearyl Alcohol	6.0
Coconut Oil ²	Cocos Nucifera (Coconut) Oil	3.0
Rice Bran Oil ²	Oryza Sativa (Rice) Bran Oil	2.0
Phase C		
Optiphen ND ³	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	1.0
Natural Aromatic Extracts ⁴	Citrus Aurantium Dulcis (Orange) Fruit Extract, Lavandula Angustifolia (Lavender) Flower Extract	1.0



Product	Function	About	% Usage	Natural
Kostol Natural E	O/W Emulsifier	PEG-Free, natural emulsifier. Thickens well and provides a light to medium, wet break. Can be used as a primary or secondary emulsifier.	0.5-8%	X
Kester Wax K-48	Thickener	Excellent thickening and oil gelling properties. Highly compatible.	1-25%	X
Kester Wax K-24	Ester, Emollient	Natural ester and emollient that imparts slip, melts at body temp, offers slight cooling sensation. Provides light, dry, feel. Cuts greasiness with natural oils, esters and organic sunscreens.	1-50%	X

PROCEDURE

- Add Jaguar C-17 to water and disperse fully.
- Add glycerin and begin heating to 80 °C.
- Combine Phase B ingredients and heat to 80-85 °C, and add to Phase A.
- Mix at high speed until emulsion is smooth, then cool at medium speed to 50 °C or less.
- Add Phase C, mix, and cool to RT.
- Check pH, adjust to ~ 4-5 if needed.

Looking for additional formulas? Try our Formula Selector Tool at: <https://www.kosterkeunen.com/pcformulationguide/>

Stability information: Three months at room temperature, three months at 45 °C, three freeze/thaw cycles.

Supplier information: 1. Koster Keunen, Inc.; 2. Lincoln Fine Ingredients; 3. Brenntag Specialties; 4. Carrubba.



Koster Keunen Inc.

Watertown, CT 06795, USA

Tel: 1-860-945-3333 • info@kosterkeunen.com • www.kosterkeunen.com