

# Vegan Conditioner Made With Organic Ingredients

Formula# : 2/18-872/414-5

## Features

- 100% Vegan formula
- 70% Organic ingredients
- Smooths and conditions hair

Hair Care

Emulsion

Clean / Natural

Vegan / Organic

## Formula

### Kostol Natural E

Natural, PEG-free, nonionic o/w emulsifier. Provides a light to medium, wet break, low thickening. Can be used as a primary or secondary emulsifier. Usage level 2-8%.

### Organic Vegan Emulsifying Wax

Organic, natural and vegan o/w emulsifier. Produces emulsions over a wide range of concentrations acting as the primary or secondary emulsifier. Usage level 4-8%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	68.1
Jaguar C-17 <sup>2</sup>	Guar Hydroxypropyltrimonium Chloride	0.6
Organic Glycerin <sup>3</sup>	Glycerin	5.5
Organic Green Tea Extract <sup>4</sup>	Camelia Sinensis (Green Tea) Leaf Extract	4.5
Optiphen ND <sup>5</sup>	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	0.8
KOH 10% solution	Potassium Hydroxide	0.5
Plantacare 818 <sup>6</sup>	Coco-glucoside	3.0
<i>Phase B</i>		
<b>Organic Vegan Emulsifying Wax<sup>1</sup></b>	<b>Theobroma Cacao (Cocoa) Seed Butter, Lecithin, Copernicia Cerifera (Carnauba) Wax</b>	<b>5.0</b>
<b>Kostol Natural E<sup>1</sup></b>	<b>Behenyl Alcohol, Polyglyceryl-3 Stearate</b>	<b>3.0</b>
Cetyl Alcohol <sup>1</sup>	Cetyl Alcohol	2.0
Organic Coconut Oil <sup>3</sup>	Cocos Nucifera (Coconut) Oil	5.0
Organic Argan Oil <sup>3</sup>	Argania Spinosa (Argan) Kernel Oil	1.8
Organic Geranium Rose Oil <sup>7</sup>	Pelargonium Graveolens (Geranium) Oil	0.2

## Procedure

- Add guar to water and mix until uniform. Add remaining ingredients while heating to 80 °C.
- Combine Phase B ingredients and heat to 80 – 85 °C, and add to Phase A.
- Mix at high speed for 30 minutes; emulsion might go through an uneven phase but should become whiter and creamy.
- Adjust pH to 6-7 if needed.
- Cool to desired fill temperature.

### Stability Information:

One month at room temperature, one month at 45 °C, three freeze/thaw cycles.

### Supplier Information:

1. Koster Keunen, Inc.; 2. Barentz; 3. Jedwards; 4. Carrubba; 5. Brenntag Specialties; 6. BASF; 7. TAOS.

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