Features

- Movable texture with non-sticky feel.
- Provides medium flexible hold, and low shine.
- For all hair types.

Hair Care

Emulsion

Traditional Ingredients

Vegan

Formula

Kester Wax CT

Vegan wax blend designed to mimic the properties of lanolin wax. Thickener, film former, texturizer, thickener, emollient. Usage level 0.5-20%.

Permulgin D

Non-ionic o/w emulsifier. Designed for multiple formula types, wide pH tolerance. Versatile, reliable and economic. Usage level 2-6%.

Kostol ApiFree

Natural, vegan blend designed to mimic the properties of PEG-8 Beeswax. Adds slip in anhydrous formulations. Improves stability in emulsions. Usage level 1-10%.

Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	75.15
Disodium EDTA	Disodium EDTA	0.05
Pemulan TR-1 ²	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1
Tealan 99 ³	Triethanolamine	0.2
Optiphen ⁴	Phenoxyethanol, Caprylyl Glycol	1.0
Glycerin	Glycerin	3.0
PVP K-90 ⁴	PVP	4.5
Phase B		
Kester Wax CT ¹	C32-36 Isoalkyl Stearate, Polyhydroxystearic Acid, Stearyl Behenate, Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polysorbate 60	6.0
Permulgin D ¹	Cetearyl Alcohol, Ceteareth-20	6.0
Kostol Apifree ¹	Behenyl Behenate, Polyhydroxystearic Acid, Polyglyceryl-10 Stearate, Euphorbia Cerifera	4.0
	(Candelilla) Wax, Sodium Stearoyl Lactylate	

Procedure

- Begin heating water to 80 °C and add Phase A ingredients one by one, mixing each until uniform.
- Combine Phase B ingredients, and heat to 80 85 °C until melted.
- Add Phase B to Phase A under agitation and mix at high speed until emulsion is uniform.
- Cool to 55-60°C and pour into containers.

Stability Information:

Three months at $50\,^{\circ}$ C, three months at room temperature, three freeze/thaw cycles.

Supplier Information:

1. Koster Keunen, Inc.; 2. Lubrizol; 3. Rita; 4. Brenntag Specialties.

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

