Heavy Duty Cream

Formula # 11/15-188/587/358-6

Features

- Extra-moisturizing treatment that soothes and restores over-stressed skin.
- Incredibly rich & luxurious after-feel.
- All-Natural formula

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%.

Bayberry Wax

Natural wax extracted from the Bayberry fruit. Low melt point solid, behaves like a butter in most formulations. Emollient, thickener, matte finish. Usage Level 0.5-15%.

NaturalAtum

Natural wax blend designed to mimic the properties of petrolatum. Improves emolliency and lubricity in all systems. Thickener, film-former. Usage level 0.5-25

Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	66.0
Bentonite Albagel BC[2]	Bentonite	2.0
Glycerin	Glycerin	3.0
Keltrol CG-SFT[3]	Xanthan Gum	0.5
Phase B		
Kostol Natural E[1]	**Behenyl Alcohol, Polyglyceryl-3 Stearate**	**4.0**
Bayberry Wax[1]	**Myrica Cerifera (Bayberry) Fruit Wax**	**7.5**
NaturalAtum[1]	**Canola Oil, Ricinus Communis (Castor) Seed Oil, Polyhydroxystearic Acid, Stearyl Behenate, Cetyl Stearate, Stearyl Stearate, Helianthus Annuus (Sunflower) Seed Wax, Tocopheryl Acetate**	**7.5**
Kester Wax K-24[1]	**Lauryl Laurate**	**5.0**
Cetiol CC[4]	Dicaprylyl Carbonate	3.0
Phase C		
Optiphen Plus[2]	Phenoxyethanol, Caprylyl Glycol, Sorbic Acid	1.0
Natural Aromatic Extract[5]	Syringa Vulgaris (Lilac) Extract	0.5

Procedure

- Sprinkle Bentonite into water and mix until fully hydrated heating to 80-85°C.
- Premix Glycerin and Xanthan Gum, add to Phase A and mix until uniform.
- 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 to 50°C or less.
- Add Phase C, mix, and cool to RT.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. Brenntag Specialties; 3. CP Kelco; 4.BASF; 5. Carruba

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Koster Keunen Inc.
Watertown, CT 06795, USA
KosterKeunen.com

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