

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 and vegan formula.

Skin Care

Emulsion

Natural / Clean

Vegan

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	%
<i>Phase A</i>		
Deionized Water	Aqua	66.0
Bentonite Albagel BC ²	Bentonite	2.0
Glycerin	Glycerin	3.0
Keltrol CG-SFT ³	Xanthan Gum	0.5
<i>Phase B</i>		
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, Euphorbia Cerifera (Candelilla) Wax, Helianthus Annuus (Sunflower) Seed Wax	7.5
Kester Wax K-24 ¹	Lauryl Laurate	5.0
Cetiol CC ⁴	Dicaprylyl Carbonate	3.0
<i>Phase C</i>		
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. Carrubba.

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