

Cream with Kostol NatureMuls

Formula # 7/18-577/421/286-3

Skin Care

Emulsion

Natural / Clean

Features

- Shiny white o/w emulsion with medium to long break and cushion texture.
- Suitable for a jar or squeeze tube.
- Natural formula.

Formula

Kostol NatureMuls

Natural, PEG-free nonionic o/w emulsifier. Provides a medium to long break, with some viscosity growth. Can be used as a primary or secondary emulsifier. Usage level 3-8%.

White Beeswax

Natural wax produced by honeybees. Multifunctional; excels at making anhydrous formulas soft and pliable, and making emulsions glossy, thick and with excellent pickup. Structurant, plasticizer, thickener.

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%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	68.3
Glycerin	Glycerin	3.0
Keltrol CG-SFT ²	Xanthan Gum	0.4
Lincoserve WpH-LO ³	Pentylene Glycol, Caprylyl Glycol, Propanediol, Ethylhexylglycerin	1.0
Potassium Hydroxide 10%	Potassium Hydroxide	0.6*
<i>Phase B</i>		
Kostol NatureMuls¹	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate	4.5
White Beeswax¹	Beeswax	2.0
Bayberry Wax¹	Myrica Cerifera (Bayberry) Fruit Wax	1.0
AR Cocoa Butter¹	Theobroma Cacao (Cocoa) Butter	4.0
Kester Wax K-385¹	Cetyl Myristate	5.0
Lecinol S-10 ⁴	Hydrogenated Lecithin	0.2
Lipocol O-95 ⁵	Oleyl Alcohol	4.0
Jeechem CTG ⁶	Caprylic/Capric Triglyceride	6.0

Procedure

- Premix glycerin and xanthan gum and add to the water.
- Add remaining ingredients one at a time, while mixing and heating to 80-85 °C.
- Combine Phase B ingredients and heat to 80-90 °C, and add to Phase A.
- Mix at high speed for 30 minutes. *Adjust pH to 6-7 as needed.
- Begin cooling to desired pour temperature.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. CP Kelco; 3. Barentz; 4. Barnet; 5. Vantage; 6. Jeen.

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