

Restoring Body Serum

Formula # 1/23-577/587/177-12

Features

- Pumpable, light everyday lotion
- Natural ingredient focused
- Flexible chassis, easily customizable

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%.

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%.

Kester Wax K-24

Naturally derived wax ester of plant origin. Low melt point semi-solid, melts on body contact, provides cooling sensation. Adds slip, reduces greasy feel, dimethicone alternative. Usage level up to 50%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	67.8
Glycerin	Glycerin	4.0
Siligel ²	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	0.4
<i>Phase B</i>		
Kostol Natural E ¹	Behenyl Alcohol, Polyglyceryl-3 Stearate	4.5
NaturalAtum ¹	Canola Oil, Ricinus Communis (Castor) Seed Oil, Polyhydroxystearic Acid, Euphorbia Cerifera (Candelilla) Wax, Helianthus Annuus (Sunflower) Seed Wax, Tocopheryl Acetate	4.0
Cetyl Esters ¹	Cetyl Esters	3.0
Kester Wax K-24 ¹	Lauryl Laurate	4.0
Extra Virgin Coconut Oil ³	Cocos Nucifera (Coconut) Oil	5.0
Sandalwood Biofunctional ⁴	Octyldodecanol, Santalum Album (Sandalwood) Wood Extract	1.0
Citropol HA ⁵	Polycitronellol Acetate	5.0
<i>Phase C</i>		
Optiphen ³	Phenoxyethanol, Caprylyl Glycol	1.0
Fragrance "Paradise Grove" ⁶	Parfum	0.3

Procedure

- Combine Phase A ingredients and heat to 80 – 85 °C.
- Combine Phase B ingredients and heat to 80 – 85 °C.
- Once both Phases are at temperature, add Phase B to Phase A and increase mixing speed.
- When the emulsion is smooth, begin cooling with slower mixing to 50 °C or under.
- Add Phase C, continuing to mix well. Continue to cool while mixing 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. Lucas Meyer ;3. Columbus Oils; 4. Brenntag Specialties; 5. P2 Science; 6. Sozio.

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