

Natural Nourishing Body Lotion

Formula # 11/15-577/358-6

Features

- Gentle emulsifier and emollient system
- Provides a light barrier and leaves the skin feeling soft, supple, and nourished
- Natural and vegan formula

Skin Care

Emulsion

Natural / Clean

Vegan

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%.

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	Deionized Water	76.4
Rice Starch ²	Oryza Sativa (Rice) Starch	2.0
Glycerin	Glycerin	3.0
Keltrol CG-SFT ³	Xanthan Gum	0.4
<i>Phase B</i>		
Kostol NatureMuls ¹	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate	4.0
Kester Wax K-24 ¹	Lauryl Laurate	5.0
Jeechem CTG ⁴	Caprylic/Capric Triglyceride	4.0
Organic Jojoba Oil ⁵	Simmondsia Chinensis (Jojoba) Seed Oil	2.0
Lipocol O-95 ⁵	Oleyl Alcohol	2.0
<i>Phase C</i>		
Natural Aromatic Extract ⁶	Syringa Vulgaris (Lilac) Extract	0.2
Optiphen ND ⁷	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	1.0

Procedure

- Add rice starch to water and mix at medium to high speed until fully dispersed.
- Premix glycerin and xanthan gum, add to Phase A and disperse well while heating to 80-85 °C.
- 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 at medium speed to 50 °C or less.
- Add Phase C, mix, and cool to room temperature.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. Agrana Starch; 3. CP Kelco.; 4. Jeen.; 5. Vantage; 6. Carrubba; 7. Brenntag Specialties.

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