

Skin Elixir Serum

Formula # 1/26-577/10098/358-5

Skin Care

Emulsion

Natural/ Clean

Vegan

Features

- Pumpable, light serum for everyday use.
- Light, quick absorbing product to deliver any actives you choose.
- Flexible chassis, easily customizable.

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 K-45

Light, non-greasy emollient derived from jojoba. Improves softness, spreadability, and after feel in leave-on formulas. Conditions skin and hair without buildup; adds glide, silkiness, and stability.

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	78.3
Glycerin	Glycerin	6.0
Pemulen TR-2 ²	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1
Amp-95 ³	Aminomethyl Propanol	0.1
Ecofarm Bilberry Leaf-G ⁴	Vaccinium Myrtillus Leaf Extract	1.0
<i>Phase B</i>		
Kostol NatureMuls ¹	Candelilla/Jojoba/Rice Bran/Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate	3.5
Kester K-45 ¹	Jojoba Esters	1.0
Kester Wax K-24 ¹	Lauryl Laurate	1.0
<i>Phase C</i>		
Lincoserve WpH-LO ⁵	Pentylene Glycol, Propanediol, Caprylyl Glycol, Ethylhexylglycerin	1.0
Niacinamide PC ⁶	Niacinamide	2.0
SonneNatural Fluidity 40P ⁷	C15-19 Alkane	6.0

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. Lubrizol; 3. Dow Chemicals; 4. Pharcos; 5. Barentz; 6. DSM; 7. Sonneborn

Looking for additional formulas? Try our Formula Selector Tool at: kosterkeunen.com/pcformulationguide