

Enduring Radiance Cream

Formula #1/25-10000/10093-10

Skin Care

Emulsion

Traditional Ingredients

Features

- Thickened water-in-oil emulsion
- Chassis allows for inclusion of actives
- Long playtime, very substantive

Formula

Kester Wax CT

Vegan wax blend designed to mimic the properties of lanolin wax. Thickener, film former, texturizer, thickener, emollient. Usage level 0.5-20%.

SynKos M-1063

Synthetic wax that increases melt point and acts as a plasticizer in anhydrous formulas. Mimics the properties of higher melt point microcrystalline waxes. BHT free.

Kostol PGP

Non-ionic o/w emulsifier. Provides a quick break and light feel, without affecting viscosity. Designed for multiple formula types, wide pH tolerance. Usage level 2-6%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Kester Wax CT ¹	C32-36 Isoalkyl Stearate, Polyhydroxystearic Acid, Stearyl Behenate, Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polysorbate 60	8.0
SynKos M-1063 ¹	Synthetic Wax	8.0
Perfecta Petrolatum ²	Petrolatum	8.0
Jeechem OD ³	Octyldodecanol	5.0
Carnation White Mineral Oil ²	Mineral Oil	11.0
Abil EM 180 ⁴	Cetyl PEG/PPG-10/1 Dimethicone	2.5
Kostol PGP ¹	Polyglyceryl-3 Stearate, Beheneth-5	2.0
Magnesium Stearate ⁵	Magnesium Stearate	2.0
<i>Phase B</i>		
Deionized Water	Aqua	47.5
Optiphen ⁵	Phenoxyethanol, Caprylyl Glycol	1.0
Glycerin	Glycerin	3.0
DL Panthenol ⁶	Panthenol	1.0
Magnesium Sulfate	Magnesium Sulfate	1.0

Procedure

- Combine Phase A ingredients and heat to 85 °C.
- Combine Phase B ingredients and heat to 85°C.
- Once both Phases are at temperature, add Phase B to Phase A and mix with high speed.
- When emulsion is smooth, begin cooling.
- Pour at 62 -67 °C into appropriate containers. Keep mixer on during filling.

Stability Information:

Three months at 50 °C, three months at room temperature, three freeze/thaw cycles.

Supplier Information:

1. Koster Keunen, Inc.; 2. Sonneborn; 3. Vantage; 4. Evonik; 5. Brenntag Specialties ; 6.Tri K

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