

Sophisticated Night Cream

Formula # 2/19-577/161-1

Features

- Luxurious Ultra-Smooth Texture
- Easily Absorbed Nighttime Moisturizer

Skin Care

Emulsion

Traditional Ingredients

Formula

Cera Bellina

Beeswax derivative that increases compatibility with polar materials. Promotes creamy textures in anhydrous systems. Co-emulsifier, stabilizer in both o/w and w/o emulsions. Usage level 1-10%.

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%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	64.9
Sepimax Zen ²	Polyacrylate Crosspolymer-6	0.5
Tealan 99 ³	Triethanolamine	0.05
Jeechem BUGL ⁴	Butylene Glycol	3.0
<i>Phase B</i>		
Kostol NatureMuls¹	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate	6.0
Cera Bellina¹	Polyglyceryl-3 Beeswax	3.0
Microcrystalline Wax 165/175¹	Microcrystalline Wax	4.5
Ritacane IH ³	Isohexadecane	7.0
<i>Phase C</i>		
Belsil DM50 ⁵	Dimethicone	5.0
Hyaluronic Acid BT ⁶	Sodium Hyaluronate*	0.05
Argireline NP ⁷	Water (and) Potassium Sorbate (and) Acetyl Hexapeptide-8 (and) Phenoxyethanol*	5.0
Optiphen ⁵	Phenoxyethanol, Caprylyl Glycol	1.0

Procedure

- Combine Phase A ingredients one at a time, mixing well after each addition, while heating the batch to 80-85°C.
- Combine Phase B materials in a separate vessel, heat to 80-85°C, and mix until uniform.
- Add Phase B to Phase A and mix at high speed and 80-85°C until emulsion is smooth.
- Cool batch to 55°C and add Phase C ingredients, one at a time mixing after each addition.
- Cool to RT and pump into tubes.

*Any actives can be used

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. Seppic; 3. Rita; 4. Jeen; 5. Brenntag Specialties; 6. DSM; 7. Lipotec

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