

The Night Cream

- Thick & creamy O/W Emulsion for ultra-moisturized feel
- Incredibly rich & luxurious after-feel
- Clean ingredient formula

Ingredient Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	63.4
Glycerin	Glycerin	4.0
Pemulen TR-1 ⁵	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1
NaOH 10%	Sodium Hydroxide	0.4*
Optiphen ⁶	Phenoxyethanol, Caprylyl Glycol	1.0
Phase B		
Kostol NatureMuls ¹	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate	7.0
NaturalAtum ¹	Canola Oil, Ricinus Communis (Castor) Seed Oil, Polyhydroxystearic Acid, Euphorbia Cerifera (Candelilla) Wax, Helianthus Annuus (Sunflower) Seed Wax, Tocopheryl Acetate	6.5
Kester Wax K-24 ¹	Lauryl Laurate	5.0
Kester Wax K-48 ¹	Cetyl Palmitate	3.5
Dermol PETIS ²	Pentaerythrityl Tetraisostearate	4.0
Jeechem CTG ³	Caprylic/Capric Triglyceride	5.0
Vitamin E Acetate ⁴	Tocopheryl Acetate	0.1



Product	Function	About	% Usage	Natural
Kostol NatureMuls	O/W Emulsifier	Natural, PEG-Free emulsifier. Can be used as a primary or secondary emulsifier. Used to add rich textures, playtime and can make bouncy textures.	2.5-8%	x
NaturalAtum	Thickener, Petrolatum Replacement	Improves emolliency and lubricity. Creates barrier properties, can be used in any cosmetic preparation to replace petrolatum.	0.5-25%	x
Kester Wax K-24	Ester, Emollient	Natural ester and emollient that imparts slip, melts at body temp, offers slight cooling sensation. Provides light, dry, feel. Cuts greasiness with natural oils, esters and organic sunscreens.	1-50%	x
Kester Wax K-48	Ester, Emollient	Natural ester and emollient for all applications. Adds opacity and luxurious creamy feel to emulsions.	1-20%	x

PROCEDURE

- Combine Phase A ingredients and heat to 80 – 85 °C with mixing.
- Combine Phase B ingredients and heat to 80 – 85 °C with mixing.
- Once both Phases are at temperature, add Phase B to Phase A and increase mixing speed.
- Continue mixing until emulsion is smooth*check pH and adjust if necessary.
- Cool slowly while mixing at low speed to 45°C or less.
- Pour into containers.

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

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

Supplier information: 1. Koster Keunen, Inc.; 2. Alzo; 3. Jeen International, 4. BASF; 5. Lubrizol 6. Brenntag specialties.



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