

Every Body-Every Generation Lotion Trio

- Formula used in both sensory panels and TEWL testing.
- Light, fresh, quick absorbing lotion with simple formula variations.
- Using natural and sustainable ingredients.

Ingredient Trade Name	INCI Name	%	%	%
Phase A				
Deionized Water	Aqua	81.0	81.0	81.0
Disodium EDTA	Disodium EDTA	0.05	0.05	0.05
Glycerin	Glycerin	4.0	4.0	4.0
Pemulen TR-2	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.05	0.05	0.05
NaOH 10%	Sodium Hydroxide	0.4*	0.4*	0.4*
Optiphen	Phenoxyethanol, Caprylyl Glycol	1.0	1.0	1.0
Phase B				
Kostol PGP	Beheneth-5, Polyglyceryl-3 Stearate	0.50	0.50	0.50
Cetyl Alcohol	Cetyl Alcohol	1.52	1.52	1.52
Jeechem CTG	Caprylyc/Capric Triglyceride	0.16	0.16	0.16
Kester Wax K-24	Lauryl Laurate	6.22	6.22	6.22
Kester Wax K-60P	Polyhydroxystearic Acid	11.60	11.60	11.60
Sustainable Beeswax	Beeswax	11.60	11.60	11.60



Product	Function	About	% Usage	Natural
Sustainable Beeswax	Natural thickener, structure, and plasticizer	Socially and environmentally responsible natural beeswax. A multifunctional, ingredient that increases stability, compatibility, prevents syneresis, offers many texture options.	0.5-25%	x
Kester Wax K-24	Ester, Emollient	Natural ester and emollient that imparts slip, melts at body temp, with slight cooling sensation. Provides light, dry, feel. Cuts greasiness with natural oils, esters and organic sunscreens.	1-10%	x
Kester Wax K-60P	Plasticizer	Natural plasticizer for increased stability and low to medium structure.	0.5-20%	x

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 emulsion is smooth, *check pH and adjust if necessary.
- Cool with slower mixing to 45 °C or under and 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. Lubrizol; 3. Brenntag specialties; 4. Jeen International.



Koster Keunen Inc.
 Watertown, CT 06795, USA
 Tel: 1-860-945-3333 • info@kosterkeunen.com • www.kosterkeunen.com