

Double-Cream Luxury Cleanser

NATURAL

- Natural, gentle, creamy cleanser
- Soft, pleasant feel with just enough foam
- Bright white, luxurious look

Ingredient Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	52.1
Glycerin	Glycerin	4.5
Plantaren 1200 N UP ²	Lauryl Glucoside	15.0
Plantaren 818 UP ²	Coco-Glucoside	15.0
Phase B		
Kostol Natural E ¹	Behenyl Alcohol, Polyglyceril-3 Stearate	5.0
Kester Wax K-48 ¹	Cetyl Palmitate	7.5
Aromatic Calendula Extract Blend ³	Calendula Officinalis Extract	0.1
Phase C		
Citric Acid	Citric Acid	0.2*
Optiphen ND ⁴	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	0.6

*check pH, adjust with citric acid to 5-6.5

Product	Function	About	% Usage	Natural
Kostol Natural E	O/W Emulsifier	PEG-Free, natural emulsifier. Thickens well and provides a light to medium, wet break. Can be used as a primary or secondary emulsifier.	0.5-8%	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.
- Combine Phase B ingredients and heat to 80 – 85 °C.
- Once both Phases are at temperature, add Phase B to A and mix at high speed until emulsion is smooth.
- When emulsion is smooth, start cooling with slower mixing.
- At 50 °C or under, add citric acid slowly to prevent foaming.
- Add remaining Phase C ingredients.
- Cool 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. BASF; 3. Carruba; 4. Brenntag Specialties.



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