

# Double Cream Luxury Cleanser

Formula# 7/20-6414/6120-5

## Features

- Natural, gentle, creamy cleanser.
- Soft, pleasant feel with a touch of foam
- Bright white, luxurious look

Skin Care

Emulsion

Natural/Clean

Vegan

## Formula

### Kostol Natural E

Natural, PEG-free nonionic o/w emulsifier. Provides a light to medium, wet break, low thickening. Can be used as a primary or secondary emulsifier. Usage level 2-8%.

### Kester K-48

Naturally derived wax ester of plant origin. Provides opacity and texture to emulsions, with minimal impact on viscosity. Secondary structurant in anhydrous formulations. Usage level 1-20%.

Trade Name	INCI Name	%	Function
<i>Phase A</i>			
Deionized Water	Aqua	52.1	
Glycerin	Glycerin	4.5	Humectant
Plantaren 1200 N UP <sup>2</sup>	Lauryl Glucoside	15.0	Surfactant
Plantaren 818 UP <sup>2</sup>	Coco-Glucoside	15.0	Surfactant
<i>Phase B</i>			
<b>Kostol Natural E<sup>1</sup></b>	Behenyl Alcohol, Polyglyceryl-3 Stearate	5.0	O/W Emulsifier
<b>Kester Wax K-48<sup>1</sup></b>	Cetyl Palmitate	7.5	Thickener/Opacifier
Aromatic Calendula Extract Blend <sup>3</sup>	Calendula Officinalis Extract	0.1	Extract
<i>Phase C</i>			
Citric Acid	Citric Acid	0.2*	
Optiphen ND <sup>4</sup>	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	0.6	Preservative

## 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.

## Stability Information:

Three months at 45C, three months at RT, Three months Freeze/Thaw cycles.

## Supplier Information:

- 1.) Koster Keunen
- 2.) BASF
- 3.) Carruba
- 4.) Brenntag Specialties

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