

Natural Gentle Body Wash

Formula # 6/17-120/414-10

Features

- Creamy cleansing body wash
- Formulated with gentle surfactants
- Suitable for hands and face

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 Wax 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	%
<i>Phase A</i>		
Deionized Water	Aqua	50.1
Glycerin	Glycerin	5.0
Plantaren 1200 N UP ²	Lauryl Glucoside	15.0
Plantaren 818 UP ²	Coco-Glucoside	15.0
<i>Phase B</i>		
Kostol Natural E¹	Behenyl Alcohol, Polyglycerol-3-Stearate	4.0
Kester Wax K-48¹	Cetyl Palmitate	8.0
Floviva Geranium Rose Oil ³	Pelargonium Graveolens Oil	0.1
<i>Phase C</i>		
Citric Acid	Citric Acid	0.2
Aloe Vera Gel 10:1 ⁴	Aloe Barbadensis Leaf Juice	2.0
Optiphen ND ⁵	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	0.6

Procedure

- Combine Phase A ingredients and mix until uniform while heating to 75–80 °C.
- Combine Phase B ingredients and melt 75–80°C until uniform.
- Add Phase B to A and mix at high speed until emulsion is smooth.
- Start cooling to 50°C or under. Add citric acid slowly to prevent foaming.
- Add remaining Phase C ingredients one at a time.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. BASF, 3. TAOS, 4. Charkit, 5. Brenntag Specialties.

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