

# Luxury Skin Creme

Formula # 7/25-414/421/10098-2

## Features

- This extra-moisturizing treatment naturally soothes and restores over-stressed skin.
- Shiny white, O/W Emulsion with wet break.
- Natural emulsion for all clean skin care formulation requirements

Skin Care

Emulsion

Natural/Clean

## 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%.

### White Beeswax

Natural wax produced by honeybees. Multifunctional; excels at making anhydrous formulas soft and pliable, and making emulsions glossy, thick and with excellent pickup. Structurant, plasticizer, thickener.

### Kester K-45

Light, non-greasy emollient derived from jojoba. Improves softness, spreadability, and after feel in leave-on formulas. Conditions skin and hair without buildup; adds glide, silkiness, and stability.

| Trade Name                        | INCI Name                                | %    |
|-----------------------------------|--|------|
| <i>Phase A</i>                    |  |      |
| Deionized Water                   | Aqua                                     | 73.7 |
| Bentonite Albagel BC <sup>2</sup> | Bentonite                                | 2.0  |
| Glycerin                          | Glycerin                                 | 3.0  |
| Keltrol CG-SFT <sup>3</sup>       | Xanthan Gum                              | 0.5  |
| Optiphen <sup>2</sup>             | Phenoxyethanol, Caprylyl Glycol          | 0.8  |
| <i>Phase B</i>                    |  |      |
| Kostol Natural E <sup>1</sup>     | Behenyl Alcohol, Polyglyceryl-3 Stearate | 4.0  |
| White Beeswax <sup>1</sup>        | Beeswax                                  | 4.0  |
| Kester K-45 <sup>1</sup>          | Jojoba Esters                            | 5.0  |
| Cetiol CC <sup>4</sup>            | Dicaprylyl Carbonate                     | 7.0  |

## Procedure

- Sprinkle Bentonite into water and mix until fully hydrated heating to 80-85°C.
- Premix Glycerin and Xanthan Gum, add to Phase A and mix until uniform.
- Combine Phase B ingredients and heat to 80-85°C, and add to Phase A.
- Mix at high speed until emulsion is smooth, then cool to desired pour temperature.

### Stability Information:

Three months at RT, three months at 50°C, three freeze/thaw cycles.

### Supplier Information:

1. Koster Keunen, Inc.; 2. Brenntag Specialties, 3. CP Kelco., 4. BASF

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