

Softening Cream

with **Lysofix™ Liquid** and **Rosamox™**

Formulation: KPC/PD15004.01_HL14A004.20

- Medium oil content
- Silicone-free
- Quick absorbing with non-oily finish

Natural
with
Science

Phases	Ingredients	% w/w
A	Deionized Water	42.75
	Allantoin	0.10
	Methylparaben	0.10
	Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract	1.50
	Xanthan Gum	0.10
	Glycerin	5.00
A2	Deionized Water	29.55
	Carbomer ¹	0.30
	Triethanolamine	0.30
B	Glyceryl Stearate (and) PEG-100 Stearate	1.00
	Cetostearyl Alcohol	3.00
	Caprylic / Capric Triglyceride	5.00
	Butyrospermum parkii (Shea Butter) Fruit	1.50
	Iso-octyl Palmitate	3.00
	Isohexadecane	6.00
B2	Rosamox™ - Helianthus annuus (Sunflower) Seed Oil (and) Rosmarinus officinalis (Rosemary) Leaf Extract	0.10
C	Imidazolidinyl Urea (and) Iodopropynyl Butylcarbamate ²	0.35
	Phenoxyethanol (and) Ethylhexylglycerin ³	0.35

Total: 100

Bold denotes products available from Kemin.

¹Carbopol® 940 – Lubrizol; ²Germall™ Plus – Ashland Inc.; ³Euxyl® PE-9010 – Schulke & Mayr

Manufacturing Process:

1. Weigh Phase A in the main beaker and position mixer. Heat the batch to 80 °C while stirring.
2. Weigh water of Phase A2 and sprinkle carbomer and mix for 30 minutes. Neutralize with triethanolamine to pH 5.5 and mix until uniform.
3. Transfer Phase A2 to Phase A while it is being heated. Make sure the pH is not more than 5.5 ± 0.5.
4. Weigh Phase B and begin to heat. When the temperature is at 80 °C, add Phase B2.
5. Add Phase B to the main phase, and homogenize for 10 minutes.
6. Switch to slow mixing and let the batch cool.
7. At 45 °C, add Phase C and mix under vacuum for 1 minute.

Stability:

- Stable for 5 freeze-thaw cycles
- Stable for 3 months at 45 °C

Characteristics:

Appearance:	Luminous cream
Color:	White
Odor:	Slightly characteristic
pH:	5.5-6.3 at 20 °C



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