

Hair Conditioner

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

Formulation: KPC/PD13004.01

Phases	Ingredients	% w/w
A	Deionized Water	80.82
	Citric Acid	0.03
B	Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract	3.00
C	Glycerin	5.00
	Guar Hydroxypropyltrimonium Chloride ¹	0.75
D	Caprylic/Capric Triglyceride ²	2.00
	Rosamox™ - Helianthus annuus (Sunflower) Seed Oil (and) Rosmarinus officinalis (Rosemary) Leaf Extract	0.10
	Argania spinosa (Argan) Kernel Oil	1.00
	Cetyl Alcohol	1.00
	Simmondsia chinensis (Jojoba) Seed Oil	1.00
E	Stearyl Alcohol	5.00
	Methylchloroisothiazolinone (and) Methylisothiazolinone ³	0.10
F	Fragrance	0.20

Total: 100

Bold denotes products available from Kemin.

¹Activsoft C-13 – Innospect; ²Jeechem CTG – Jeen Products; ³Kathon™ CG – Dow Chemical Company

- ◆ Even application on hair
- ◆ Easy to rinse off
- ◆ Ideal for scalp health

Natural
with
Science

Manufacturing Process:

1. Weigh Phase A in the main beaker and heat to 80-82 °C.
2. Add Phase B to Phase A.
3. Pre-mix Phase C ingredients and add to the main beaker while homogenizing. Mix until uniform.
4. Weigh Phase D, heat to 82-85 °C and add to the main beaker and mix for 15 minutes. Switch to sweep mixing and begin to cool the batch.
5. Add Phase E at 45 °C.
6. Add Phase F at 45 °C.

Stability:

- Stable for 5 freeze-thaw cycles
- Stable for over 3 months at 40 °C and 50 °C

Characteristics:

Appearance: Lightweight conditioner for hair
Color: Off-white

All information, recommendations, and suggestions in this formulation concerning the use of the products described herein are based upon present knowledge, experience, tests and data believed to be reliable. It is the customer's responsibility to thoroughly test the formulation, or any variation of it, to determine suitability for the customer's own use. The actual use of products produced by Kemin Industries, Inc. (Kemin) by the customer or others is beyond Kemin's control. No guarantee, express or implied, is made by Kemin as to the effects of such use or the results to be obtained. No warranty of any kind, express or implied, is made by Kemin except that the products sold hereunder shall be of merchantable quality, and conform to relevant specifications and relevant law. The customer shall assume all risks and liability for results of use by the customer or third parties of the products, including use by the customer of such products in combination with other substances. For the complete disclaimer please see www.kemin.com/personalcare/formulations.



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Kemin Industries, Inc. | 2100 Maury Street Des Moines, IA 50317
Phone: +1-515-559-5100 | Toll Free: +1-800-777-8307
personalcare@kemin.com | www.kemin.com/personalcare

