



Formulation

No. 1004

Moisture Lock Conditioner

DESCRIPTION

This mild conditioner is formulated to leave hair soft and shiny without weighing it down. Featured ingredients include **Cola®Lipid SAFL** for natural conditioning and **Cola®Moist 200** to reduce fly-aways. This formulation was tested on bleached brown hair using Dia-Stron Fibra.One and demonstrated improved combability, with an 81% reduction in peak wet hair combing force.

FORMULATION

| Order | INCI Name | Trade Name | % |
|-------|--|-------------------------------|--------------|
| 1 | Water | Water | qs to 100.00 |
| 2 | Cetearyl Alcohol | Lanette® O ¹ | 5.00 |
| 3 | Linoleamidopropyl PG-Dimonium Chloride Phosphate | Cola®Lipid SAFL | 5.00 |
| 4 | Hydroxypropyl Bis-Hydroxyethylmonium Chloride | Cola®Moist 200 | 1.00 |
| 5 | Phenyl Trimethicone | Dow Corning® 556 ² | 1.50 |
| 6 | Fragrance | Green Tea ³ | 0.10 |
| 7 | Phenoxyethanol and Ethylhexylglycerin | Euxyl® PE9010 ⁴ | 1.00 |

PROCEDURE

1. Heat water to 60°C and add ingredients 2 -- 3.
2. Homogenize, then cool to 40 -- 45°C. Add remaining ingredients.
3. If necessary, re-homogenize until smooth and uniform.

TYPICAL PROPERTIES

| | |
|------------|--------------------|
| Appearance | Opaque |
| pH | 5.5 – 6.5 |
| Viscosity | 20,000 – 25,000 cP |

SUPPLIERS

¹BASF, ²Dow Corning, ³Premier, ⁴Schülke & Mayr

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Updated 3/2020