

## Rinse-Off Conditioner: Color Protection, Improved Wet And Dry Combing

Formulation 01149

### ATTRIBUTES

Wave Enhancement  
Color Protection  
Improved Wet And Dry Combing

### DOW CORNING® PRODUCTS

DOW CORNING® CE 8401  
EMULSION

Ingredient	Wt. %	Trade Name/Supplier
<b>Phase A</b>		
1. Deionized Water	86.5	
2. Tetrasodium EDTA	0.2	Versene 220 / The Dow Chemical Company
3. Hydroxyethyl Cellulose	1.5	Natrosol 250 HHR / Hercules Inc.
<b>Phase B</b>		
4. Glyceryl Stearate (and) PEG-100 stearate	1	Simulsol 165 / Seppic S.A.
5. Cetearyl Alcohol	1	Lanette Wax O / Cognis Corporation
<b>Phase C</b>		
6. Cetrimonium Chloride	0.3	Arquad 16-29 / Akzo Nobel Chemicals, Inc.
<b>Phase D</b>		
7. Bis-Isobutyl PEG/PPG-20/35/ Amodimethicone Copolymer (and) Cetyl Ethylhexanoate (and) Polysorbate 80 (and) Butylene Glycol	9.1	DOW CORNING® CE 8401 EMULSION
8. DMDM Hydantoin	0.4	Glydant / Lonza

### Procedure

1. Tare beaker, add deionised water.
2. Add ingredients 2 and 3.
3. Cover with aluminum foil.
4. Heat to 75°C with stirring.
5. Add ingredients 4 and 5 and mix until homogeneous.
6. Begin cooling.
7. Add ingredient 6 with mixing.
8. Cool to 40°C with mixing
9. Add ingredients 7 and 8 with slow mixing.
10. Compensate for the water loss due to heating.

### Variations

Alternative Dow Corning® products have not been tested as of this printing.

**Stability**

Stable for at least 2 months at room temperature and 45°C. Passes 5 freeze / thaw cycles.

**External Reference Material**

No external references identified as of this printing.

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