

## Formulation Information Conditioner



### Leave In Conditioner: Shine

Formulation 00620

#### ATTRIBUTES

- Conditioning
- Shine

#### DOW CORNING® PRODUCTS

- Dow Corning® 2-2078 FLUID
- Dow Corning® 5200 FORMULATION AID

Ingredient	Wt. %	Trade Name/Supplier
<b>Phase A</b>		
1. Lauryl PEG/PPG-18/18 Methicone	3	Dow Corning® 5200 FORMULATION AID
2. Aminopropyl / Phenyl Trimethicone	2	Dow Corning® 2-2078 FLUID
3. Isopropyl Myristate	2.5	Stepan IPM / Stepan Company
4. Isopropyl Palmitate	2.5	Cognis IPP / Cognis Corporation, Care Chemicals
5. Mineral Oil	5	Mineral Oil / No Supplier Specified
<b>Phase B</b>		
6. Deionised Water	79.4	
7. Tetrasodium EDTA	0.2	Versene 220 Crystals / The Dow Chemical Company
8. Propylene Glycol	3	Propylene Glycol USP/FCC / Fisher Chemical Company
9. DMDM Hydantoin	0.4	Glydant / Lonza
10. Sodium Chloride	2	Sodium Chloride / Fisher Scientific

#### Procedure

1. Mix ingredients of Phase A together.
2. In a separate vessel, add Phase B ingredients together and mix.
3. Add Phase B to Phase A very slowly using a separatory funnel while mixing Phase A very rapidly using the vessel / blade configuration described in "Silicone Formulations Aids Booklet", Form 25-718A-01. (1000 mL tall beaker, 1376 rpm)
4. Continue mixing for an additional 15 minutes.

#### 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.

#### Dow Corning® Application Patents

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