



# Reference Formula

Sample preparation date:10/26/21 5:31 PM

## 至純奢養髮膜

W211025-1

### FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W	D.I Water	D.I Water	up to 100	
	<b>PCG-10<sup>1</sup></b>	<b>Hydroxyethyl cellulose</b>	<b>1.00%</b>	Thickener
O	<b>CETYL-STEARYL ALCOHOL (FAL1618) (30/70)<sup>14</sup></b>	<b>Cetearyl Alcohol</b>	<b>4.00%</b>	Emulsifier
	<b>PERFORMA V343<sup>9</sup></b>	<b>Synthetic Wax</b>	<b>1.00%</b>	Shinny Film Former
A	<b>STEPANQUAT® Helia<sup>13</sup></b>	<b>Disunfloweroylethyl Dimonium Chloride (and) Sunflower Seed Oil Glycerides (and) Lauryl Lactyl Lactate</b>	<b>1.70%</b>	Co-Emulsifier, Conditioning Agent,
	<b>DOWSIL™ PMX-1507 Fluid<sup>1</sup></b>	<b>Dimethicone (and) Dimethiconol</b>	<b>2.00%</b>	Conditioning Agent, Heat Protection
	<b>CB-1002 Conditioning Agent<sup>1</sup></b>	<b>Dimethicone and Amodimethicone</b>	<b>2.00%</b>	Color Protection
	<b>Perry Lee<sup>16</sup></b>	<b>Fragrance</b>	<b>0.10%</b>	Fragrance
	Preservative	Preservative	q.s.	Preservative
	Citric Acid (30% soln')	Citric Acid	q.s.	pH Adjuster

Suppliers: 1. Dow Chemical; 9. New Phase Technologies; 13. Stepan ; 14. ErcaWilmar; 16. Lothar Streeck

### PROCEDURE

1. Prepare Phase W well.
2. Add Phase O into Phase W under stirring and heat to 60-70 °C, make sure it melted and mixed well.
3. Add Phase A in order under stirring below 40 °C.
4. Make sure the pH value is between 4.0-5.0.

### SPECIFICATION

APPEARANCE	: White Shinny Cream		
VISCOSITY	: approx. 8280 ± 10%	(RVDV-E, RV5, 30rpm, 3 min, 25°C)	
pH	: approx. 4.48 ± 0.5	(25°C)	

Recommendations contained, herein this Reference Formula, are advisory only.

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