

**SYMPARE**
**Hair Shampoo**

Ingredient	% wt./wt.	Function
<b>Part A</b>		
Aqua	qs	Diluent
<b>SYMPARE MES (as 100%)</b>	8.0	Surfactant
Xanthan Gum	0.5	Viscosity Builder
<b>TENSAGEX SLES 70%*</b>	13.0	Surfactant
Cocamidopropyl Betaine 30%	10.0	Co-Surfactant
<b>Part B</b>		
<b>PALMOCOL CMMEA 85%*</b>	2.0	Viscosity Modifier
<b>PALMERA Glycerine*</b>	0.5	Humectant
Polyquaternium 7	1.0	Conditioning Agent
<b>Part C</b>		
Fragrance	As Needed	Fragrance
Preservative	As Needed	Preservative
Sodium Chloride	As Needed	Viscosity Adjuster

*\*Ingredients offered by KLK OLEO*

**Typical Properties**

Appearance **Opaque Liquid**  
 pH **6.5 - 7.5**

**Procedure**

Heat aqua to 70°C, dissolve SYMPARE MES, add the remaining Part A ingredients, then cool to 40°C. Add Part B and blend under gentle stirring, cool to room temperature. Add Part C, stir. Adjust viscosity with Sodium Chloride.

