

## ***w/o Transparent Treatment Gel (moisturizing cream)***

<b><u>FORMULATION:</u></b>	<b><u>% WT.</u></b>
A. <b>Chemsil K-12</b> (Chemsil Silicones, Inc.) <i>Dimethicone (and) PEG-10 / 15 Crosspolymer</i>	<b>7.00</b>
B. <b>Chemsil K-13</b> (Chemsil Silicones, Inc.) <i>Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer</i>	<b>10.00</b>
C. <b>Dimethisil® DM-6</b> (Chemsil Silicones, Inc.) <i>Dimethicone</i>	<b>14.00</b>
D. Glycerin	10.00
E. Dipropylene Glycol	21.50
F. Sodium Citrate	0.20
G. Deionized Water	37.30

### **PROCEDURE:**

1. Combine A, B and C with stirring.
2. Add D, E to STEP 1 with stirring.
3. In a separate vessel, add F to G and mix until dissolved.
4. Add STEP 3 to STEP 2 with stirring.

### **FORMULATION FEATURES:**

This formulation demonstrates w/o clear emulsion using Chemsil K-12 as an emulsifier. Because of the same refractive index of the oil phase and the water phase, this emulsion looks clear. Viscosity can be adjusted by the amount of Chemsil K-12 or the concentration of Chemsil K-13.

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