

## **MEGA SHINE SHAMPOO w/ DIMETHISIL® HNH-MV & -LV**

<b><u>FORMULATION:</u></b>	<b><u>% WT.</u></b>
A. Deionized Water	55.50
B. Miracare SLB-353 (Rhodia) <i>Sodium Trideceth Sulfate (and) Water (and) Sodium Lauroamphoacetate (and) Cocamide MEA (and) DMDM Hydantion</i>	40.00
C. <b>Dimethisil® HNH-MV (Chemsil Silicones, Inc.)</b> <i>Propoxytetramethyl Piperidiny Dimethicone</i>	<b>1.00</b>
D. <b>Dimethisil® HNH-LV (Chemsil Silicones, Inc.)</b> <i>Propoxytetramethyl Piperidiny Dimethicone</i>	<b>0.50</b>
E. Citric Acid (50% solution)	Q.S. to pH 5.0-6.0
F. PEG-150 Distearate	2.00
G. Hydantol 55KC <i>DMDM Hydantoin</i>	0.40
H. Tea Tree Fragrance (IFT)	0.30

### **PROCEDURE:**

NOTE: This is a cold and hot process. Heat is required.

As each step is completed, mixture should be homogenous and clear before proceeding.

1. Charge A into main vessel.
2. In a separate vessel, pre-mix ingredients B, C, and D and mix until homogenous.
3. Add STEP 2 to STEP 1.
4. Adjust pH to batch with E (pH 5.5 recommended).
5. While mixing STEP 4 into system, heat batch to 65° and disperse F into vessel.
6. Cool batch to below 40°C, then add ingredients G and H.
7. Final product should be clear and viscous.

**Product Code: CRL-03-66E**

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