

## **SILKY SOFT BODY WASH** **w/ DIMETHISIL® HNH-MV & -LV \***

<b><u>FORMULATION:</u></b>	<b><u>% WT.</u></b>
A. Deionized Water	Q.S.
B. Polyquata LR 400KC (KCI Limited) <i>Polyquaternium-10</i>	0.20
C. Miracare SLC-217 (Rhodia) <i>Sodium Laureth Sulfate (and) Cocamide MEA (and) Cocamidopropyl Betaine</i>	18.00
C. Geroon SBFA-30 (Rhodia) <i>Disodium Laureth Sulfosuccinate</i>	5.00
C. Mirataine BET-C-30 (Rhodia) <i>Cocamidopropyl Betaine</i>	5.00
C. Glycerine 99.7%	1.00
C. <b>Dimethisil® HNH-MV (Chemsil Silicones, Inc.)</b> <i>Propoxytetramethyl Piperidinyl Dimethicone</i>	<b>0.50</b>
C. <b>Dimethisil® HNH-LV (Chemsil Silicones, Inc.)</b> <i>Propoxytetramethyl Piperidinyl Dimethicone</i>	<b>0.25</b>
D. Citric Acid 50% (aqueous solution)	Q.S. to pH 5.0-6.0
E. PEG-150 Distearate	0.60
F. Hydantol 55KC (KCI Limited) <i>DMDM Hydantion</i>	0.40

### **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.  
Final product appearance is clear and viscous.

1. Charge ingredient A into main vessel.
2. With moderate to high agitation, disperse ingredient B into system A.
3. Mix ingredients C in a separate vessel until uniform.
4. Add mixture C to main vessel.
5. With moderate agitation, add ingredient D and adjust pH to 5.0-6.0.
6. While mixing, heat batch to 70°C and add ingredient E.
7. Cool batch to below 40°C.
8. Add ingredient F and mix until uniform.

\* CHEMSIL PATENT #: 6642194 & 6605577

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