

## **SILKY SOFT SHAMPOO w/ EMULSIL® TSA-60**

<b><u>FORMULATION:</u></b>	<b><u>% WT.</u></b>
A1. Deionized Water	50.45
A2. Jaguar C-17 (Rhodia) <i>Guar Hydroxypropyltrimonium Chloride</i>	0.25
A3. Ajidew NL-50 (Ajinomoto) <i>Sodium PCA</i>	0.30
A4. D-Panthenol 75W (BASF Corp.) <i>Panthenol</i>	0.20
B1. Jaguar S (Rhodia) <i>Guar Hydroxypropyltrimonium Chloride</i>	0.30
B2. Miracare SLB-365/N (Rhodia) <i>Water (and) Sodium Trideceth Sulfate (and) Sodium Lauroamphoacetate (and) Cocamide MEA (and) Sodium Chloride (and) Methylsothiazolinone</i>	30.00
C1. Sodium Chloride	3.50
C2. Deionized Water	11.00
<b>D. Emulsil® TSA-60 (Chemsil Silicones, Inc.)</b> <i>Trimethylsilylamodimethicone (and) Laureth-4 (and) Laureth-23</i>	<b>2.50</b>
E. Citric Acid (50% Solution)	Q.S to pH 5.0-6.0
F. Hydantol 55KC (KCI Limited) <i>DMDM Hydantion</i>	0.50

### **PROCEDURE:**

NOTE: This is a cold process.

As each step is completed, mixture should be homogenous before proceeding.  
AVOID OVER-AERATING BATCH.

1. Disperse A2, A3, and A4 into A1 (premix A).
2. Disperse B1 into B2 (premix B). Slowly blend premix B into premix A.
3. Premix C1 into C2 (premix C). With smooth agitation, slowly blend premix C into the main system.
4. With moderate agitation, slowly blend D into system.
5. Adjust pH of the system with E as needed (pH 5.5 recommended).
6. Blend in F or suitable preservative into system.

**Product Code: CRL-03-70D**  
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