CHEMSIL SILICONES, INC.
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SILICONE SHINE SHAMPOO w/ DIMETHISIL® HNH-MV & LV

FORMULATION:			**% WT.**
A.	Deionized Water		76.55
B.	Polyquta LR400KC *Polyquaternium-10*	(KCI Limited)	0.30
C.	Miracare SLC-217 *Sodium Laureth Sulfate (and) Cocomide MEA (and) Cocomidopropyl Betaine*	(Rhodia)	20.00
C.	**Dimethisil® HNH-MV** *Propoxytetramethyl Piperidinyl Dimethicone*	**(Chemsil Silicones, Inc.)**	**0.50**
C.	**Dimethisil® HNH-LV** *Propoxytetramethyl Piperidinyl Dimethicone*	**(Chemsil Silicones, Inc.)**	**0.25**
D.	Citric Acid 50% (aqueous sol.)		Q.S. to pH 5.0-6.0
E.	PEG-150 Distearate		2.00
F.	Hydantol 55KC *DMDM Hydantion*	(KCI Limited)	0.40
F.	FD&C Blue # 2 (1% solution)		Q.S.

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. With moderate to high agitation, disperse B into A system.
3. In a separate vessel, ingredients C until uniform (premix C).
4. Mix premix C to main vessel.
5. With moderate agitation, add D and adjust pH to 5.0-6.0.
6. While mixing, heat batch to 65°C and add E.
7. Cool batch to below 45°C. While blending, add ingredients F and mix until uniform.

Specifications: *viscosity = 4,300 cs* *pH =5.5* *solids = 17%*

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