

Loving Pet Soft & Shine Conditioner w/*Emulsil*® TSA-60

| <u>FORMULATION:</u> | <u>% WT.</u> |
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| Step 1 | |
| A1. Deionized Water | 84.13 |
| A2. Cosmedia GUAR C BASF <i>Guar Hydroxypropyltrimonium Chloride</i> | 0.15 |
| B1. D Panthenol 50P BASF | 0.50 |
| B2. CTAC-30 KCI <i>Cetrimonium Chloride</i> | 1.00 |
| Step 2 | |
| A1. Dehyquart C 4046 BASF <i>Cetearyl Alcohol (and) Dipalmitoylethyl Hydroxyethylmonium Methosulfate (and) Cetareth-20</i> | 3.50 |
| A2. BTAC 228 KC KCI <i>Behentrimonium Chloride</i> | 2.00 |
| A3. Emulgade F BASF <i>Cetearyl Alcohol (and) PEG-40 Castor Oil (and) Sodium Cetearyl Sulfate</i> | 3.00 |
| Step 3 | |
| A1. <i>Emulsil</i> ® TSA-60 CHEMSiL SILICONES INC. <i>Trimethylsilylamodimethicone (and) Laureth-4 (and) Laureth-23</i> | 5.00 |
| A2. Lincoside IP Lincoln Fine Ingredients <i>Iodopropynyl Butylcaramate (and) Phenoxyethanol</i> | 0.50 |
| A3. Fragrance | 0.20 |

PROCEDURE:

Step 1-A: Add DI Water to main mixing vessel. Slowly sift Cosmedia GUAR C w/high speed mixing. Add Citric Acid.

Step 1-B: Add to batch in order and begin heating to 80°C.

Step 2: In a separate jacketed vessel, combine in order and heat to 80°C. Add to batch and mix for 30 minutes.

Step 3: Cool to 40°C and add in order. Mix for 10 minutes.

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