Name
No.
Description
Formulation
INGREDIENTS:

Deionized Water  
STEOL® CS-130 (or STEOL® CS-130 HP)  
AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)  
NINOL® 40-CO  
Hydrolyzed Collagen (TRI-K)  
DL-Panthenol (DSM) Panthenol  
Glycolic Acid (Alpha Hydroxy Acid) (Lipo)  
Preservative, Dye, Fragrance  
Citric Acid (50% solution)  
Sodium Hydroxide (50% solution)  
Sodium Chloride

Total

Procedure  

1. In Phase 1, combine Deionized Water, STEOL® CS-130 (or STEOL® CS-130 HP), AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and NINOL® 40-CO. Mix well.
2. Add Hydrolyzed Collagen with mixing.
3. Premix DL-Panthenol with Water. When it is dissolved, add to the batch. Continue mixing.
4. Add remaining two ingredients. Mix well.
5. Adjust pH with Citric Acid (50% solution) or Sodium Hydroxide (50% solution) and adjust viscosity with Sodium Chloride.

*Note: When formulating with STEOL® CS-130 HP and/or AMPHOSOL® HCG-HP, a greater amount of Citric Acid (50% solution) may be needed to adjust the pH within the recommended range as noted, than when formulating with STEOL® CS-130 and AMPHOSOL® HCG.

Physical Properties  
Appearance, as is  
pH, as is  
Viscosity at 25°C, cps

Storage/Stability  
1 month at 0°C  
1 month at 25°C  
3 months at 42°C

Instructions for Use  
Apply to wet skin, lather, and rinse.

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STEOL®  
AMPHOSOL®  
NINOL®

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

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