Name | FACIAL CLEANSER  
No. | 700  
Description | This facial cleanser formulation removes make-up and dirt, and leaves skin clean and fresh.  
Formulation | **INGREDIENTS:**  
| Deionized Water | q.s. to 100.0  
| BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA) | 25.0  
| ALPHA-STEP® MC-48 | 8.5  
| Glycerin (Uniqema) | 0.8  
| NINOL® M10 | 2.0  
| AMPHOSOL® HCG (or AMPHOSOL® HCG-HP) | 11.6  
| Peptide CAA (Leiner Davis) Collagen Amino Acids | 0.2  
| Fragrance, Dye, & Preservative | q.s.  
| Sodium Chloride | q.s.  
| Citric Acid, 50% solution | q.s.  
| Sodium Hydroxide, 50% solution | q.s.  

| Total | 100.0  

**Procedure**  
1. Into a suitable vessel equipped with mixing capabilities, combine all ingredients. Mix well until homogeneous.  
2. Adjust viscosity with Sodium Chloride and pH with Citric Acid, 50% solution or Sodium Hydroxide, 50% solution, if necessary. Mix well until homogeneous.  
*Note: When formulating with BIO-TERGE® AS-40 HA 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 BIO-TERGE® AS-40 and AMPHOSOL® HCG.*  

**Physical Properties**  
| Appearance at 25ºC | Slightly yellow liquid  
| pH, as is | 5.5-6.0  
| Viscosity at 25ºC, cps | 5,000-6,000  

**Storage/Stability**  
- 6 months at 25ºC: Stable  
- 3 months at 42ºC: Stable  
- 1 month at 45ºC: Stable  

**Instructions for Use**  
Apply to the wet face, work into a lather, smooth over face, and rinse thoroughly.  

**External Comment**  
Marketing Notes: ALPHA-STEP® PC-48 may be a potential substitute for ALPHA-STEP® MC-48. It should be noted that stability testing using this ALPHA-STEP® PC-48 has not been completed on this formulation. The substitution may yield slightly different physical properties.  

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- BIO-TERGE®  
- ALPHA-STEP®  
- NINOL®  
- AMPHOSOL®  

For additional information, contact 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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