**Name**: CREAM BODY WASH  
**No.:** 686  
**Description:** This formulation provides a moisturizing body wash cream that leaves the skin with a nice, velvety after-feel.

**Formulation INGREDIENTS:**

--- Phase 1 ---

- Deionized Water: q.s. to 100.0
- Aculyn 44 Polymer (Rohm & Haas) PEG-150/Decyl Alcohol/SMDI Copolymer: 2.4
- STELANOL® WA-EXTRA (or STELANOL® WA-EXTRA HP): 24.0
- STEOL® CS-130 (or STEOL® CS-130 HP): 23.0
- NINOL® LMP: 2.5
- HALLSTAR® SAB-2 (Hallstar): 3.5
- NEOBEE® M-5 COSMETIC: 5.0
- Vitamin A (Roche): 0.1
- Vitamin E (Roche): 0.1

--- Phase 2 ---

- Preservative, Dye, Fragrance: q.s.
- AMPHOSOL® CA: 3.3–4.0
- Citric Acid (50% solution): q.s.
- Sodium Chloride: q.s.

**Total**  
% by Weight  
100.0

**Procedure:**

1. Combine Deionized Water and Aculyn 44 Polymer. Mix until homogenous.
2. Add the next three ingredients in Phase 1. Mix well and start heating to 71°C-74°C (160°F–165°F).
3. At 74°C (165°F), add HALLSTAR® SAB-2. Mix until dispersed.
5. At 32°C (90°F), add Preservative, Dye, and Fragrance. Mix well.
6. Add AMPHOSOL® CA. Mix well.
7. Adjust pH with Citric Acid (50% solution) and viscosity with Sodium Chloride, if necessary.

*Note: When formulating with STEOL® CS-130 HP and STELANOL® WA-EXTRA 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 STELANOL® WA-EXTRA respectively.*

**Physical Properties:**

- Appearance, as is: Opaque cream
- pH at 25°C: 3.5–4.0
- Viscosity at 25°C (#6 spindle at 10 rpm), cps: 10,500

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- AMPHOSOL®

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