WHIPPED MOISTURIZING BODY WASH WITH COCONUT OIL

No. 1233

Description Turn your shower into a spa and indulge yourself with this luxurious whipped body wash. Its whipped, creamy texture transforms into a soft and rich lather to gently cleanse your skin. Natural coconut oil and naturally-derived NINOL® CAA smooth and moisturize skin for a clean, pampered feel.

Formulation

INGREDIENTS: % by Weight Functionality

Deionized Water q.s. to 100 Carrier
UCARE Polymer JR-30M (Dow DuPont Inc.) 0.25 Thickener
Polyquaternium-10 55.00 Primary Surfactant
STEPAN-MILD® PCL 9.80 Secondary Surfactant
AMPHOSOL® HCG (or AMPHOSOL® HCG-HP) 2.00 Viscosity Builder
NINOL® CAA 12.50 Emollient
Coconut Oil 2.50 Emulsifier
Lauric Acid 1.50 Co-emulsifier
Magnesium Sulfate q.s. pH Adjuster
Sodium Hydroxide, 50% solution q.s. Additives
Citric Acid, 50% solution
Preservative, Dye, Fragrance

Total 100.00

Procedure
1. In a suitable vessel equipped with heating/cooling and agitation, charge the Deionized Water.
2. Sprinkle in the UCARE Polymer JR-30M and mix until dispersed.
3. Heat to 50ºC (122ºF) and then add STEPAN-MILD® PCL, AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and NINOL® CAA. Mix until homogenous.
4. Heat to 70-75ºC (158-167ºF) and add the Coconut Oil, Lauric Acid, and Magnesium Sulfate. Mix for 30 minutes until homogenous. Begin cooling to 40ºC (104ºF).
5. When cooled at or below 40ºC (104ºF), adjust pH to 5.0-6.0 with Sodium Hydroxide, 50% solution and Citric Acid, 50% solution.
6. Add Preservative, Dye, and Fragrance.

*Note: When formulating with 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 AMPHOSOL® HCG.

Physical Properties

Appearance at 25ºC White opaque cream
pH, as is 5.0-6.0
Viscosity at 25ºC, cps 40,000

Storage/ Stability

4 weeks at 25ºC Stable
4 weeks at 45ºC Stable
Freeze/Thaw, 3 cycles Passes

Instructions for Use

Apply to wet sponge or washcloth. Apply to body. Rinse with water.
Comment: Marketing Notes: *Natural is defined as 100% bio-based, which is defined as sourced from plant, animal or marine sourced materials. Naturally-derived is defined as surfactants sourced from plant, animal or marine feedstocks. NINOL® CAA is a multifunctional secondary surfactant that is naturally-derived (derived from plant, animal or marine sources). BCI = 86. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other ingredients were not evaluated. For further information on Stepan’s BCI, visit www.stepan.com.

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STEPAN-MILD®
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For ordering assistance, call our Account Service Department at 1-800-457-7673.

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