MOISTURIZING BODY WASH

Description
This formulation provides creamy foam and leaves a velvety after-feel.

Formulation

INGREDIENTS: % by Weight

= Phase 1 =
Deionized Water q.s. to 100.0
STEPANOL® AM-V 34.0
STEPANOL® WA-EXTRA (or STEPANOL® WA-EXTRA HP 23.0
NINOL® 30-LL 4.5
Versene 200 (Dow Chemical) Tetrasodium EDTA 0.2

= Phase 2 =
Di (Hydrogenated) Tallow Phthalic Acid (HALLSTAR® TAB-2) 5.0
Dow Corning 200 Fluid, 200 cps (Dow Corning) Dimethicone 1.0
Floramac (Floratech) Macadamia Ternifolianut Oil 0.5

= Phase 3 =
AMPHOSOL® HCG (or AMPHOSOL® HCG-HP 10.0
Crodasone W (Croda) Hydrolyzed Wheat Protein PG-Propyl Silanetriol 0.5
Fragrance, Dye & Preservative q.s.

= Phase 4 =
Citric Acid (50% solution) q.s.

= Phase 5 =
Sodium Chloride q.s.

Total 100.0

Procedure
1. Combine ingredients in Phase 1 in a suitable container and heat to 165°F–170°F with mixing.
2. Add Phase 2 by ingredients into Phase 1. Mix thoroughly for 20-25 minutes while keeping temperature at 165°F–170°F.
3. Start cooling to 110°F, then add in Phase 3 with mixing.
4. Adjust pH to 5.0–6.2 with Citric Acid (50% solution).
5. Adjust viscosity with Sodium Chloride.

*Note: When formulating with AMPHOSOL® HCG-HP and/or STEPANOL® 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 AMPHOSOL® HCG and STEPANOL® WA-EXTRA.

Physical Properties

Appearance, as is White, lotion-like liquid
pH, as is 5.0–6.2
Viscosity, as is (without salt), cps 15,500

Storage/ Stability

6 weeks at 40°F Stable
6 weeks at 110°F Stable
6 weeks at 120°F Stable
3 freeze/thaw cycles Pass
Marketing Notes: STEPANOL® AMV PCK may be a potential substitute for STEPANOL® AM-V. It should be noted that stability testing using this STEPANOL® AMV PCK has not been completed on this formulation. The substitution may yield slightly different physical properties.

Registered Trademarks of Stepan Company

NINOL®
STEPANOL®
AMPHOSOL®

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.

The information contained herein is based on the manufacturer’s own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTEE OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise.