

Formulation

Name	CLEAR BODY WASH WITH AMPHOSOL® HCG	
No.	994	
Description	A clear body wash that leaves skin soft and silky.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100 Carrier
	ALPHA-STEP® HWC	33.30 Cleansing Agent
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	5.41 Conditioning Agent
	Merquat 550 (Calgon) Polyquaternium-7	1.00 Conditioning Agent
	DL-Panthenol (Roche) Panthenol	0.50 Hair Shine Agent
	Preservative, Dye and Fragrance	q.s. Additives
	Sodium Hydroxide (50% solution)	q.s. pH Adjuster
	Citric Acid (50% solution)	q.s. pH Adjuster
	Sodium Chloride	q.s. Viscosity Adjuster
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. Add each ingredient in the order listed above with mixing. 2. Mix until uniform. 3. Adjust pH with Sodium Hydroxide (50% solution) or Citric Acid (50% solution), if necessary. 4. Adjust viscosity with Sodium Chloride, if necessary. <p>*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.</p>	
Physical Properties	Appearance at 25°C	Clear, yellow liquid
	pH, as is	6.0-6.5
	Viscosity at 25°C, cps	600 Min
	Density, lbs/gal	8.16
	Solids, %	15 - 17
	Flash Point (PMCC), °C (°F)	>94 (>201)
Storage/ Stability	4 weeks at 4°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 50°C	Stable
	Freeze/Thaw, 10 cycles	Pass
Instructions for Use	Wet skin and apply to body. Work through to develop a film.	
External Comment	This formulation is similar to Formulation #972, which uses AMPHOSOL® 160C-30.	
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For
Additional
Assistance

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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Revision Date: 12/19/2016 Publication Date: © 2016, Stepan Company. All rights reserved.