

Name	CLEAR BODY WASH WITH AMPHOSOL® HCG		
No.	994		
Description	A clear body wash that leaves skin soft and silky.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	Deionized Water ALPHA-STEP® HWC AMPHOSOL® HCG (or AMPHOSOL® HCG-HP) Merquat 550 (Calgon) Polyquaternium-7 DL-Panthenol (Roche) Panthenol Preservative, Dye and Fragrance Sodium Hydroxide (50% solution) Citric Acid (50% solution) Sodium Chloride	5.41 1.00 0.50 q.s. q.s. q.s. q.s.	Carrier Cleansing Agent Conditioning Agent Conditioning Agent Hair Shine Agent Additives pH Adjuster pH Adjuster Viscosity Adjuster
	Total	100.00	
Procedure	 Add each ingredient in the order listed above with mixing. Mix until uniform. Adjust pH with Sodium Hydroxide (50% solution) or Citric Acid (50% solution), if necessary. Adjust viscosity with Sodium Chloride, if necessary. *Note: When formulating with AMPHOSHOL® 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 25°C pH, as is Viscosity at 25°C, cps Density, lbs/gal Solids, % Flash Point (PMCC), °C (°F)	Clear, yellow 6.0-6.5 600 Min 8.16 15 - 17 >94 (>201)	liquid
Storage/ Stability	4 weeks at 4ºC 4 weeks at 25ºC 4 weeks at 50ºC Freeze/Thaw, 10 cycles	Stable Stable Stable Pass	
Instructions for Use	Wet skin and apply to body. Work through to develop a film.		
External Comment Registered Trademarks of Stepan Company	This formulation is similar to Formulation #972, which use AMPHOSOL® ALPHA-STEP®	s AMPHOSOI	L® 160C-30.

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.

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 GUARANTY 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, 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.



Stepan Company Northfield, Illinois 60093 Telephone (847) 446-7500 Revision Date: 12/19/2016

Publication Date: © 2016, Stepan Company. All rights reserved.