



# Formulation

Name	<b>CLEANSING BODY WASH</b>	
No.	1011	
Description	This body wash develops great foam and leaves a soft and silky after-feel on the skin.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>   <u>Functionality</u></b>
	Deionized Water	q.s.to 100.0 Carrier
	STEPAN-MILD® PCL-BA	55.0 Primary Surfactant
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	9.6 Secondary Surfactant
	Merquat 550 (Ondeo-Nalco) Polyquaternium-7	3.0 Conditioning Agent
	Versene 100 (Dow Chemical) Tetrasodium EDTA	0.2 Chelating Agent
	Sodium Hydroxide (50% solution)	q.s. pH Adjuster
	Citric Acid (50% solution)	q.s. pH Adjuster
	Sodium Chloride	q.s. Viscosity Adjuster
	Preservative, Dye, and Fragrance	q.s. Additives
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Prepare by adding all ingredients into a suitable container with mixing well.</li> <li>2. Adjust pH with Sodium Hydroxide (50% solution) or Citric Acid (50% solution).</li> <li>3. Adjust viscosity with Sodium Chloride, if necessary.</li> <li>4. Add Preservatives, Dye, and Fragrance.</li> </ol> <p>*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.</p>	
Physical Properties	Appearance at 25°C	Viscous liquid
	pH, as is	5.0-6.0
	Viscosity at 25°C, cps	8,000-10,000
Storage/Stability	1 month at 25°C	Stable
	3 month at 25°C	Stable
Instructions for Use	Wet the skin, apply to the body, and rub to develop a foam. Rinse thoroughly.	
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For Additional Assistance	<p>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.</p> <p>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. <b>STEPAN COMPANY MAKES NO PRODUCT WARRANTY OF</b></p>	

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Stepan Company  
Northfield, Illinois 60093  
Telephone (847) 446-7500

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