



# Formulation

Name	<b>CLEAR FOAMING CLEANSER</b>	
No.	1053	
Description	Mild, clean-rinsing foaming cleanser for multiple applications	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>    <u>Functionality</u></b>
	STEPAN-MILD® PCL	27.5 Primary Surfactant
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	3.3 Secondary Surfactant
	Glycerin	0.5 Emollient
	Preservative, Dye, and Fragrance	q.s. Additive
	Deionized Water	q.s. to 100.0 Carrier
	Citric Acid	q.s. pH Adjuster
	Sodium Hydroxide	q.s. pH Adjuster
	<b>Total</b>	<b>100.0</b>
Procedure	<p>1. Charge Water to vessel, start agitation.</p> <p>2. Add STEPAN-MILD® PCL, AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and Glycerin. Mix well.</p> <p>3. Adjust pH with Citric Acid or Sodium Hydroxide.</p> <p>4. Add Preservative, Dye, and Fragrance as desired.</p> <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, as is	Clear liquid
	pH, as is	5.5-7.0
	Viscosity at 25°C, cps	<100
Storage/Stability	4 weeks at 4°C	Stable
	4 weeks at 40°C	Stable
	4 weeks at 50°C	Stable
	1 year at 25°C	Stable
	Freeze/Thaw, 10 cycles	Pass
Instructions for Use	Use Air Spray F2 foamer as delivery system.	
External Comment	A precipitate may form at low temperatures. However, with agitation, it will go back into solution and remain stable.	
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For	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).	

Additional  
Assistance

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

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