

# Formulation

Name	<b>CLEAR FACIAL CLEANSER</b>	
No.	871	
Description	This formulation provides lacy foam and leaves skin feeling velvety soft.	
Formulation	<b>INGREDIENTS:</b>	<b>% by Weight    Functionality</b>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0 Solvent, Carrier
	STEOL® CS-230	19.2 Primary Surfactant
	AMPHOSOL® CS-50	10.0 Secondary Surfactant
	NINOL® 40-CO	2.0 Foam Booster
	HALLSTAR® PEG 600 ML (PEG-12 Laurate)	0.5 Feel Enhancer
	=== Phase 2 ===	
	Glycerin (Uniqema)	1.0 Humectant
	Preservative, Dye, Fragrance	q.s. Additives
	Citric Acid	q.s. pH Adjuster
	Sodium Hydroxide	q.s. pH Adjuster
	Sodium Chloride	q.s. Viscosity Adjuster
	<b>Total</b>	<b>100.0</b>
Procedure	<p>1. Into a suitable vessel equipped with mixing capabilities, combine the following ingredients: Deionized Water, STEOL® CS-230, AMPHOSOL® CS-50, NINOL® 40-CO, HALLSTAR® PEG 600 ML, and Glycerin. Mix well.</p> <p>2. Add Preservative, Dye, and Fragrance. Mix until the mixture looks homogenous.</p> <p>3. Adjust pH with Citric Acid or Sodium Hydroxide and viscosity with Sodium Chloride, if necessary.</p>	
Physical Properties	Appearance at 25°C	Clear liquid
	pH at 25°C	6.0-6.5
	Viscosity at 25°C, cps	2,000
Storage/Stability	1 month at 25°C	Stable
	1 month at 42°C	Stable
	1 month at 50°C	Stable
Instructions for Use	Apply to wet face, lather and rinse off.	
External Comment	<p>Marketing Notes: STEOL® CS-230 PC HP may be a potential substitute for STEOL CS-230. It should be noted that stability testing using this STEOL® CS-230 PC HP has not been completed on this formulation, and in addition to the pH adjustment taking a greater amount of Citric Acid, the substitution may also yield slightly different physical properties.</p>	
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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).  
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Revision Date: 12/21/2016    Publication Date: 03/31/2008    © 2017, Stepan Company. All rights reserved.