



# Formulation

Name	<b>CLEAR FACIAL CLEANSER WITH AHA</b>	
No.	678	
Description	This formulation with Alpha Hydroxy Acid (AHA), provides a clear liquid cleanser for sensitive skin. It leaves skin looking and feeling soft, smooth, and toned.	
Formulation	<b>INGREDIENTS:</b>	<b>% by Weight</b>
	Deionized Water	q.s. to 100.0
	STEOL® CS-130 (or STEOL® CS-130 HP)	46.0
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	18.3
	NINOL® 40-CO	2.0
	Hydrolyzed Collagen (TRI-K)	0.5
	DL-Panthenol (DSM) Panthenol	0.2
	Glycolic Acid (Alpha Hydroxy Acid) (Lipo)	5.7
	Preservative, Dye, Fragrance	q.s.
	Citric Acid (50% solution)	q.s.
	Sodium Hydroxide (50% solution)	q.s.
	Sodium Chloride	q.s.
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>In Phase 1, combine Deionized Water, STEOL® CS-130 (or STEOL® CS-130 HP), AMPHOSOL® HCG (or AMPHOSOL® HCG-HP), and NINOL® 40-CO. Mix well.</li> <li>Add Hydrolyzed Collagen with mixing.</li> <li>Premix DL-Panthenol with Water. When it is dissolved, add to the batch. Continue mixing.</li> <li>Add remaining two ingredients. Mix well.</li> <li>Adjust pH with Citric Acid (50% solution) or Sodium Hydroxide (50% solution) and adjust viscosity with Sodium Chloride.</li> </ol> <p>*Note: When formulating with STEOL® CS-130 HP and/or 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 STEOL® CS-130 and AMPHOSOL® HCG.</p>	
Physical Properties	Appearance, as is	Clear liquid
	pH, as is	4.7
	Viscosity at 25°C, cps	3,000–3,500
Storage/ Stability	1 month at 0°C	Stable
	1 month at 25°C	Stable
	3 months at 42°C	Stable
Instructions for Use	Apply to wet skin, lather, and rinse.	
Registered Trademarks of Stepan Company	STEOL® AMPHOSOL® NINOL®	
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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