



Formulation

Name	FACIAL CLEANSER	
No.	700	
Description	This facial cleanser formulation removes make-up and dirt, and leaves skin clean and fresh.	
Formulation	INGREDIENTS:	% by Weight
	Deionized Water	q.s. to 100.0
	BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA)	25.0
	ALPHA-STEP® MC-48	8.5
	Glycerin (Uniqema)	0.8
	NINOL® M10	2.0
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	11.6
	Peptin CAA (Leiner Davis) Collagen Amino Acids	0.2
	Fragrance, Dye, & Preservative	q.s.
	Sodium Chloride	q.s.
	Citric Acid, 50% solution	q.s.
	Sodium Hydroxide, 50% solution	q.s.
	Total	100.0
Procedure	<p>1. Into a suitable vessel equipped with mixing capabilities, combine all ingredients. Mix well until homogeneous.</p> <p>2. Adjust viscosity with Sodium Chloride and pH with Citric Acid, 50% solution or Sodium Hydroxide, 50% solution, if necessary. Mix well until homogeneous.</p> <p>*Note: When formulating with BIO-TERGE® AS-40 HA 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 BIO-TERGE® AS-40 and AMPHOSOL® HCG.</p>	
Physical Properties	Appearance at 25°C	Slightly yellow liquid
	pH, as is	5.5-6.0
	Viscosity at 25°C, cps	5,000-6,000
Storage/Stability	6 months at 25°C	Stable
	3 months at 42°C	Stable
	1 month at 45°C	Stable
Instructions for Use	Apply to the wet face, work into a lather, smooth over face, and rinse thoroughly.	
External Comment	Marketing Notes: ALPHA-STEP® PC-48 may be a potential substitute for ALPHA-STEP® MC-48. It should be noted that stability testing using this ALPHA-STEP® PC-48 has not been completed on this formulation. The substitution may yield slightly different physical properties.	
Registered Trademarks of Stepan Company	BIO-TERGE® ALPHA-STEP® NINOL® AMPHOSOL®	
For Additional	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).	

Assistance

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

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