



Formulation

Name	FACIAL CLEANSER WITH 1% SALICYLIC ACID	
No.	677	
Description	This formulation provides a clear-liquid facial cleanser with 1% salicylic acid. This cleanser has excellent foaming and wetting properties.	
Formulation	INGREDIENTS:	% by Weight
	Deionized Water	q.s. to 100.0
	Glycerin	2.5
	Versene 200 (Dow Chemical) Tetrasodium EDTA	0.2
	BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA)	30.0
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	20.0
	Avanel S-150 (PPG) Sodium C12-15 Pareth-15	6.5
	Salicylic Acid	1.0
	Citric Acid (50% solution)	q.s.
	Sodium Chloride	q.s.
	Total	100.0
Procedure	<p>1. Add Deionized Water, Glycerin, Versene 200, BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA), and AMPHOSOL® HCG (or AMPHOSOL® HCG-HP) and mix well.</p> <p>2. Into a separate vessel, premix Avanel S-150 and Salicylic Acid, making sure all crystals are dissolved.</p> <p>3. Adjust viscosity with Sodium Chloride and adjust pH with Citric Acid (50% solution), if necessary.</p> <p>*Note: When formulating with AMPHOSOL® HCG-HP and/or BIO-TERGE® AS-40 HA, 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 and BIO-TERGE® AS-40.</p>	
Physical Properties	Appearance, as is	Clear liquid
	pH at 25°C	4.0–4.5
	Viscosity at 25°C, cps	3,000–4,000
Storage/Stability	1 month at 0°C	Stable
	1 month at 25°C	Stable
	3 months at 42°C	Stable
Registered Trademarks of Stepan Company	BIO-TERGE® AMPHOSOL®	
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).</p> <p>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 or to violate any applicable laws.</p> <p>STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO</p>	

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

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