



Formulation

Name	SULFATE-FREE, FRAGRANCE-FREE FACIAL WASH WITH 1% SALICYLIC ACID	
No.	1248	
Description	This clear, unfragranced cleanser contains Salicylic Acid. It lathers into a creamy foam that can be spread onto the face and rinses easily.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.00 Carrier
	STEPANBLEND® FF40	32.00 Surfactant Blend
	Salicylic Acid, USP Grade	1.00 Active
	Sodium Hydroxide, 50% solution	0.15 pH Adjuster
	Sodium Chloride	q.s. pH Adjuster
	Hexylene Glycol	q.s. Viscosity Adjuster
	Preservative	q.s. Viscosity Adjuster
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. To a suitable container, add the Deionized Water with mixing. Begin to heat to 30°C-35°C. 2. At 30°C-35°C, add STEPANBLEND® FF40 with mixing. Mix until homogenous. 3. Slowing begin to add the Salicylic Acid with mixing. Continue mixing for at least 20 minutes until homogenous and clear. 4. Adjust the pH to 4.0 using Sodium Hydroxide, 50% solution. Mix for 20 minutes. 5. Check viscosity. If needed, adjust viscosity with Sodium Chloride (to increase viscosity) or Hexylene Glycol (to decrease viscosity). 6. Add preservative. 	
Physical Properties	Appearance at 25°C	Clear, straw-colored liquid
	pH, as is	3.8 - 4.3
	Viscosity at 25°C, cps	3,000 - 9,000
Storage/Stability	2 months at 25°C	Stable
	2 months at 4°C	Stable
	2 months at 45°C	Stable
	Freeze Thaw, 3 cycles	Passes
Instructions for Use	Wet face. Dispense cleanser into hand, working it into a lather. Distribute cleanser over face, avoiding direct contact with the eyes. Rinse well with water. If direct contact with the eyes occurs, rinse thoroughly with water.	
External Comment	<p>Marketing Notes: Sulfate-free is defined as not containing Alcohol sulfate or Alcohol ether sulfate as per INCI nomenclature. This definition does not include the inorganic sulfates, e.g. Sodium sulfates, used as processing aids or formed as a residual, impurity or by-product. Fragrance-free indicates that the formulation or components of the formulation do not contain added fragrance. STEPANBLEND® FF40 does not contain any sulfated surfactants, Diethanolamine (DEA), 1,4-dioxane, or Ethylene Oxide (EO) or preservatives. Also, this formulation does not contain any sulfated surfactants, Diethanolamine (DEA), Ethylene Oxide (EO) and fragrance.</p>	

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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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