



Formulation

Name	SULFATE-FREE FACIAL CLEANSER		
No.	1190		
Description	This non-irritating facial cleanser combines a sulfate-free blend (STEPAN-MILD® LSB) with AMPHOSOL® CG-UN to create a clear, low-viscosity solution suitable for foamer packaging. This formulation has been dermatologically-tested and shown to be non-irritating.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	Deionized Water	q.s. to 100.0	Carrier
	STEPAN-MILD® LSB	16.0	Surfactant
	AMPHOSOL® CG-UN	19.4	Surfactant
	Hypoallergenic Perfume	0.2	Additive
	Citric Acid	q.s.	pH Adjuster
	Euxyl 712 (Schulke) Potassium (E-E)-hexa-2.4 dienoate and	1.2	Preservative
	Sodium Benzoate	0.5	Foam Booster, Thickener
	STEPAN-MILD® GCC		
	Total	100.0	
Procedure	1. Into a suitable vessel equipped with mixing capabilities, combine Deionized Water, STEPAN-MILD® LSB, AMPHOSOL® CG-UN and the Hypoallergenic Perfume. Mix until homogeneous. 2. Adjust pH with Citric Acid. 3. Add Potassium (E-E)-hexa-2.4 dienoate and Sodium Benzoate 4. Add STEPAN-MILD® GCC and stir until clear.		
Physical Properties	Appearance at 25°C	Clear liquid	
	pH, as is	5.0-5.5	
	Viscosity at 25°C,cps	Water thin	
Storage/ Stability	4 weeks at 20°C	Stable	
	4 weeks at 45°C	Stable	
	4 weeks at 5°C	Stable	
Instructions for Use	Add to pump foamer.		
External Comment	Marketing Notes: Sulfate free is defined by Stepan as containing no Alcohol Sulfates and no Alcohol Ether Sulfates as per the INCI Nomenclature.		
Registered Trademarks of Stepan Company	AMPHOSOL® STEPAN-MILD®		
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). For ordering assistance, call our Account Service Department at 1-800-457-7673.		

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