



Formulation

Name	INTIMATE SULFATE-FREE GEL	
No.	1493	
Description	Sulfate-free, EO-free, and nitrosamine-free intimate care formulation with mild surfactants, such as STEPAN-MILD® LSB/MB, that provides a creamy and rich lather foam and moisturized skin after-feel. AMPHOSOL® CG-UN enhances mildness and thickening. STEPAN-MILD® GCC/MB, a naturally derived and COSMOS approved ingredient is used as viscosity builder and foam volume booster and gives a soft and cushioned feel to the skin.	
Formulation	INGREDIENTS:	% by Weight Functionality
	Deionized Water	q.s. to 100 Carrier
	STEPAN-MILD® LSB/MB	16.00 Primary Surfactant
	AMPHOSOL® CG-UN	19.35 Secondary Surfactant
	Aloe Vera	0.50 Moisturizing Agent
	Glycerin	0.50 Humectant
	Hypoallergenic Perfume (Givaudan) Fragrance	0.20 Fragrance
	euxyl™ k 712 (Ashland Global Holdings, Inc.)	1.20 Preservative
	Lactic Acid (Corbion)	q.s. pH Adjuster
	STEPAN-MILD® GCC/MB	0.50 Thickener, Skin Feel
	Total	100.00
Procedure	<ol style="list-style-type: none">1. Introduce the ingredients in the above order and mix after each addition. Mix until clear.2. Adjust pH with Lactic Acid between pH 4.0 and 4.5.3. Finally add STEPAN-MILD® GCC/MB in small increments of 0.1% until the target viscosity is reached (with total amount not to exceed 0.50% by weight). <p>**Note: euxyl™ k 712 from Ashland Global Holdings, Inc. is a preservative with the following INCI name: Sodium Benzoate (and) Potassium Sorbate (and) Aqua.</p>	
Physical Properties	Appearance, as is	Thin, transparent liquid
	pH, as is	4.0 - 4.5
	Viscosity at 20°C (LV1, V12), cps	1,100
Storage/	4 weeks at 5°C	Stable
Stability	4 weeks at 20°C	Stable
	4 weeks at 45°C	Stable
Instructions for Use	Apply to body and rinse with water.	
External Comment	Marketing Notes: INCI List - Aqua, Cocamidopropyl Betaine, Sodium Lauryl Sulfoacetate, Disodium Laureth Sulfosuccinate, Glyceryl Caprylate/Caprates, Sodium Benzoate, Potassium Sorbate, Aloe Vera, Glycerin, Fragrance, Lactic Acid	
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For
Additional
Assistance

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or +33 476 505 100 (Europe).

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

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