



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	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	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	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). **Note: euxyl™ k 712 from Ashland Global Holdings, Inc. is a preservative with the following INCI name: Sodium Benzoate (and) Potassium Sorbate (and) Aqua.	
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/ Stability	4 weeks at 5°C	Stable
	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/Caprata, 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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Stepan Europe SAS
Chemin Jongkind, CS 20127
38341 Voreppe Cedex, France
Phone: +33 4 76 50 51 00

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