



# Formulation

Name	<b>SHOWA COLADA BODY WASH</b>		
No.	1481		
Description	Be prepared for a rich, sensory experience where playful and food inspired textures come with sulfate-free surfactants. Picture the amazement from your eyes and anticipate the shiver of excitement from your skin with this whipped cream body wash. Use aerosol packaging with a propellant to get a whipped cream texture. You can also choose to add some scrubbing agent like grated coconut pulp to enjoy a mild body scrub; the scrubbing particles will be suspended thanks to Structured Liquid Technology, a polymer-free suspension system based on STEPAN-MILD® GCC-FL/MB.		
Formulation	<b>INGREDIENTS:</b>	<b>% by Weight</b>	<b>Functionality</b>
	=== Phase 1 ===		
	MAPROSYL® 30-F/MB	10.80	Primary Surfactant
	Lauryl Glucoside 50%	4.30	Secondary Surfactant
	AMPHOSOL® DM/MB	3.20	Secondary Surfactant
	Citric Acid	0.20	pH Adjuster
	=== Phase 2 ===		
	STEPAN-MILD® GCC-FL/MB	12.20	Structure Agent
	=== Phase 3 ===		
	Deionized Water	66.90	Carrier
	Phenoxyethanol	0.30	Preservative
	=== Phase 4 ===		
	Lauric Acid (Mosselman)	0.70	Opacifier
	Coconut Oil	0.90	Emollient
	=== Phase 5 ===		
	Délice De Coco Fragrance (Hyteck SA)	0.50	Fragrance
	Grated Coconut Pulp (only for liquid version)	q.s.	Scrubbing Agent
	<b>Total</b>	<b>100.00</b>	
Procedure	<ol style="list-style-type: none"><li>1. In a suitable vessel, add ingredients for phase 1 with mixing then adjust the pH to 5.3 with Citric Acid.</li><li>2. Add STEPAN-MILD® GCC-FL/MB under agitation.</li><li>3. Add Deionized Water and Phenoxyethanol with mixing. Avoid air incorporation during mixing step.</li><li>4. Melt the Lauric Acid and Coconut Oil, and add it to the batch with mixing.</li><li>5. Add the Délice De Coco Fragrance and adjust pH between 5 and 5.5 with citric acid solution or caustic soda solution.</li><li>6. Add Grated Coconut Pulp when making a gel version of this formulation suitable for pump packaging .</li></ol> <p>* To get a whipped cream texture, use a 5% of a mixture of butane, propane and isobutane.</p>		

Physical Properties	Appearance, as is (liquid version)	Fluid milk
	Appearance, as is (aerosol version)	Whipped cream
	pH, as is	5.0 - 5.5
	Viscosity at 20°C, cps (Brookfield, LV2 @ 60 rpm)	500
	Viscosity at 20°C, cps (Brookfield, LV2 @ 12 rpm)	1,000
Storage/ Stability	4 weeks at 25°C	Stable
	4 weeks at 5°C	Stable
	4 weeks at 45°C	Stable
Instructions for Use	Apply a small amount of body wash to wet skin and rub into skin. Rinse skin with water.	
External Comment	Marketing Notes: INCI List - Aqua, Glyceryl Caprylate/Caprates, Glycerin, Lauroyl Sarcosinate, Lauryl Glucoside, Propanediol, Coco Betaine, Coconut Oil, Lauric Acid, Fragrance, Phenoxyethanol, Citric Acid.	
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