

Formulation

Name	BUBBLE PEBBLE - HAIR AND BODY CLEANSING BAR	
No.	1373	
Description	Solid products are back in the spotlight, as they reduce water consumption and transportation as well as avoid the use of plastic packagings. Let's discover LATHANOL® LAL COARSE/MB as a mild, sulfate-free anionic that will enhance solid formulations with luxurious foam! STEPAN-MILD® GCC/MB, a COSMOS approved additive, boosts the foam and provides a conditioning effect.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Cetyl Alcohol (Mosselman)	14.2 Carrier
	Myristic Acid (Mosselman)	3.5 Carrier
	Hydrogenated Soybean Oil (Interchimie)	17.7 Carrier
	=== Phase 2 ===	
	LATHANOL® LAL COARSE/MB	35.0 Surfactant
	STEPANOL® WA-100 NF/USP	24.0 Surfactant
	=== Phase 3 ===	
	STEPAN-MILD® GCC/MB	3.5 Emollient, Foam Booster
	VPC 508 (Cargill, Inc.) Carrageenan	2.0 Skin Feel
	Sodium Hydroxide, 50% Solution	q.s. pH Adjuster
	Fragrance-Verveine quatre quarts (V. Mane Fils SA)	0.1 Additive
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Add ingredients from phase 1 and mix phase with heat to 80°C (176°F). 2. Once 80°C (176°F) is reached, then add the remaining ingredients from phase 2 and phase 3 with mixing. 3. When the mixture is homogeneous, measure the pH. Add 5% by weight of the formulation to deionized water with mixing, and measure pH. If required, adjust pH with Sodium Hydroxide, 50% Solution. 3. Add fragrance, mix and pour into silicone mold. 	
Physical Properties	Appearance, as is	White solid bar
	pH (5% aqueous)	5 - 6
Storage/ Stability	4 weeks at 45°C	Pass
	4 weeks at 20°C	Pass
	4 weeks at 5°C	Pass
	Freeze/Thaw, 3 cycles	Stable
Instructions for Use	Use bar with water and apply to skin or hair. Rinse residual foam once washing is complete.	
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Company

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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