Stepan	<b>S</b> .
	<b>Formulation</b>

Name	SOLID SHAMPOO - CLEAN AND HYDRATED CURLS			
No.	1467			
Description	Solid shampoo that provides high foam and creaminess while washing the hair, leaving a feeling of cleanliness and hydration to the hair. Take care of hair and the environment with solid shampoo!			
Formulation	INGREDIENTS:	<u>% by Weight</u>	<u>Functionality</u>	
	=== Phase 1 === Cetearyl alcohol STEPANQUAT® Soleil STEPAN-MILD® GCC === Phase 2 ===	5.00	Viscosity Modifier Conditioning Agent Emollient	
	BIO-TERGE® AS-90 Beads	44.00	Foaming and Cleansing Agent	
	=== Phase 3 === Fragrance Dye		Fragrance Dye	
	Total	100.00		
Procedure	<ol> <li>Add Cetearyl alcohol, STEPANQUAT® Soleil and STEPAN-MILD® GCC in a suitable container, heat with moderate agitation to 65°C-70°C (149°F-158°F).</li> <li>Slowly add the BIO-TERGE® AS-90 Beads under moderate agitation and mix until homogenous. Turn off heating.</li> <li>Add fragrance and mix until homogenous. Pour hot liquid into a silicone mold and allow to cool until fully set.</li> </ol>			
Physical Properties	Appearance, as is pH, 1% aqueous	Pink bar 4.5 - 5.5		
Storage/ Stability	4 weeks at 5°C 4 weeks at 25°C 4 weeks at 45°C Freeze/Thaw, 3 cycles	Stable Stable Stable Pass		
Registered Trademarks of Stepan Company	STEPANQUAT® STEPAN-MILD® BIO-TERGE®			
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