



Formulation

Name	ABRACADA' BAR - SOLID CONDITIONER	
No.	1369	
Description	A trusty counterpart to the increasingly popular shampoo bar, this solid conditioner bar is silicone free, and is flower-powered by STEPANQUAT® Soleil: a naturally derived conditioning agent we make from non-GMO sunflower oil.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Butyrospermum Parkii (Shea) Butter	3.5 Emollient
	Sunflower Seed Wax (Kahl GmbH & Co. K.G.) Ascorbyl	2.0 Viscosity Modifier
	Palmitate (and) Tocopherol	23.0 Carrier
	Stearyl Alcohol	7.4 Viscosity Builder
	STEPAN-MILD® GCC	4.0 Emollient
	NEOBEE® M-5 COSMETIC	6.0 Emollient
	Helianthus Annuus (Sunflower) Seed Oil	
	=== Phase 2 ===	
	STEPANQUAT® Soleil	14.0 Conditioning Agent
	Sistema SP70-C (Sistema B.V.) Sucrose Stearate	8.0 Feel Enhancer
	NATIVACARE™ 8600 (Ingredient) Oryza Sativa (Rice) Starch	25.0 Viscosity Modifier
	ORAMIX™ NS 10 (SEPPIC SA) Decyl Glucoside	8.0 Cleansing/Skin Feel
	=== Phase 3 ===	
	Lactic Acid	q.s. pH Adjuster
	Fragrance	0.1 Fragrance
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Add all ingredients in Phase 1 in the order noted above and heat with mixing to 80°C (176°F) to melt. 2. Add each ingredient in Phase 2 to phase 1 in the order noted above with mixing. Increase the mixing speed to ensure proper dispersion. 3. Cool the batch to 60°C (140°F) immediately in order to avoid excess evaporation of water. 4. Adjust pH with Lactic Acid to 3.5 to 4.0. 5. Add Fragrance at 60°C (140°F) and pour batch into silicone molds. 6. Once completely cooled and solidified, remove the solid bars from the mold. 	
Physical Properties	Appearance, as is	White, smooth solid
	pH, as is	3.5 - 4.0
Storage/Stability	4 weeks at 20°C	Stable
	4 weeks at 45°C	Stable
	4 weeks at 5°C	Stable
Instructions for Use	Apply to washed hair and rinse.	
External		

Comment

Marketing Notes: BCI = 93. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other non-Stepan ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com. A dye can be added to color the conditioner bar.

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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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