

Formulation

Name	THE MULTICULTURAL COLLECTION: MOISTURIZING HAIR BUTTER WITH BAOBAB AND MONGONGO OILS	
No.	1303	
Description	Specifically designed for textured or curly hair, the Multicultural Collection offers three complementary products to smooth and tame your locks. The water-free, Moisturizing Hair Butter is over 99% naturally derived. Natural emollients STEPAN-MILD® L3 and STEPAN-MILD® GCC add shine, control flyaways, and help to moisturize dry hair and scalp.	
Formulation	INGREDIENTS:	% by Weight Functionality
	Shea Butter- Butyrospermum Parkii (Shea) Butter	45.45 Carrier, Emollient
	WECOBEE® M	20.00 Emollient
	NEOBEE® M-5 COSMETIC	15.00 Emollient, Hair Shine Agent
	Candelilla Wax NF	6.00 Structure Agent
	Tribehenin	2.00 Structure Agent, Thickener
	STEPAN-MILD® GCC	5.00 Emollient, Feel Enhancer
	STEPAN-MILD® L3	5.00 Moisturizing Agent, Emollient
	Bikira® Baobab Oil (AE Chemie)	0.50 Emollient
	Bikira® Mongongo (Manketti) Oil (AE Chemie)	0.50 Emollient
	dl-Alpha Tocopheryl Acetate (Vitamin E)	0.05 Antioxidant
	Osmanthus & Apricot Fragrance AL220100 (Arylessence)	0.50 Fragrance
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. Charge Shea Butter, WECOBEE® M, NEOBEE® M-5 Cosmetic, Candelilla Wax, Tribehenin, STEPAN-MILD® GCC, STEPAN-MILD® L3, Bikira® Mongongo Oil and Bikira® Baobab Oil one at a time into a vessel with mixing and heating capabilities. 2. Mix with propeller and heat to 75-80°C (167-176°F). 3. Cool batch to 60°C (140°F). 4. Add dl-Alpha Tocopheryl Acetate (Vitamin E) and Fragrance. Mix for 10 minutes until homogenous. Fill batch hot (50-60°C/122-140°F) and allow to chill until fully set. <p>**Additional information on the chemical description of non-Stepan ingredients: Candelilla Wax NF - Euphorbia Cerifera (Candelilla) Wax Bikira® Baobab Oil (AE Chemie) - Adansonia Digitata (Baobab) Seed Oil Bikira® Mongongo (Manketti) Oil (AE Chemie) - Schinziophyton Rautanenii Kernel Oil dl-Alpha Tocopheryl Acetate (Vitamin E)- Tocopheryl Acetate</p>	
Physical Properties	Appearance at 25°C	light beige solid
	Odor	to match standard
Storage/ Stability	4 weeks at 25°C	Stable
	4 weeks at 40°C	Stable
	4 weeks at 5°C	Stable
	Freeze / Thaw (3 cycles)	Passed
External Comment	Marketing Notes: BCI = 89. 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. Natural refers to ingredients that have a BCI = 100%. Naturally derived refers to ingredients that are greater than 50% but less than 100% from natural origin based on Stepan's BCI.

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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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