



Formulation

Name	STRUCTURED LIQUIDS TECHNOLOGY - NATURALLY-DERIVED, SULFATE-FREE SUGAR SCRUB	
No.	1270	
Description	<p>TTThis body scrub contains naturally-derived oils and sugar to exfoliate and moisturize the skin. Unlike traditional sugar scrubs that can be difficult to rinse and leave skin feeling greasy, this water- and surfactant-based scrub rinses easily to leave skin soft and clean. All ingredients are compliant with the Whole Foods Market® Premium Body Care standard as of January 2018. (Note: Whole Foods Standard was reviewed by S. Kovach on January 29, 2018. All ingredients were found to be compliant.)</p>	
Formulation	INGREDIENTS:	% by Weight Functionality
	STEPAN-MILD® GCC	5.0 Structure Agent, Surfactant
	Shea Butter	0.4 Moisturizing Agent
	Soybean Oil	4.5 Moisturizing Agent
	Fragrance #4200 (Chemia Corporation)	0.4 Fragrance
	ALPHA-STEP® PC-48	7.5 Surfactant
	Sugar	70.0 Exfoliating Additive
	Deionized Water	q.s. Diluent
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. In a suitable vessel equipped with heating and agitation, charge STEPAN-MILD® GCC and Shea Butter, mixing gently until melted. A Jiffy mixer is recommended. 2. Charge Soybean Oil and Fragrance with gentle agitation, using a Jiffy mixer to homogenize. 3. Charge ALPHA-STEP® PC-48 and mix gently with a Jiffy mixer until a homogeneous, thin lamellar phase is obtained. 4. Add Sugar then apply mechanical stirring using a A-shaped blade paddle until the mixture thickens into a smooth paste. 5. Add Deionized Water with continued mixing using an A-shaped blade paddle. Use of warm water will accelerate the process. 	
Physical Properties	Appearance at 25 °C	Flowable Suspension
Storage/ Stability	4 weeks at 4 °C	Stable
	4 weeks at 25 °C	Stable
	4 weeks at 45 °C	Stable
	Freeze/Thaw, 3 cycles	Pass
Instructions for Use	Apply desired amount of scrub to wet skin and massage in a circular motion. Rinse with water. Use on face is not recommended.	
External Comment	<p>Marketing Notes: All ingredients used in this formulation are not expressly listed on Whole's Foods Premium Body Care Unacceptable Ingredients list as of April 2017. Whole Foods Standard was reviewed by S. Kovach on January 29, 2018. All ingredients were found to be compliant. Structured Liquids are a patented technology, used for suspension of particles and is free from the use of</p>	

polymers. Naturally-derived is defined as derived from biorenewable resource originating from animal, plant or marine feedstock. Sulfate-free is defined as not containing Alcohol sulfate or Alcohol ether sulfate as per INCI nomenclature. This definition does not include the inorganic sulfates, e.g. sodium sulfates, used as processing aids or formed as a residual, impurity or by-product. This luxurious sugar scrub utilizes natural oil along with Shea Butter to help gently exfoliate, moisturize, and leave the skin feeling silky smooth, enhancing every manicure and pedicure service while also being versatile as a full-body scrub. BCI = 96. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com. Whole Foods Market is a registered trademark of Whole Foods Market IP, L.P.

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