

Formulation

Name	"SUPER EASY-TO-MAKE" MILD, SULFATE-FREE SHOWER GEL	
No.	1540	
Description	Don't overthink it! Diversify your portfolio with the "Super Easy-to-Make" sulfate-free and mild formulation inspiration series with STEPANBLEND® ASF, a sulfate-free concentrated surfactant blend with a mild profile. STEPANBLEND® ASF is suitable for wide range of cleansing products such as hand washes, shower gels or shampoos, and is designed for ease of use and cold processing. This concentrate provides excellent foaming and only requires dilution with water to the desired actives level, pH adjustment and the addition of fragrance and salt to adjust viscosity levels. This shower gel formulation uses STEPANBLEND® ASF.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100 Carrier
	STEPANBLEND® ASF	28.2 Primary Surfactant
	=== Phase 2 ===	
	euxyl™ k 712 preservative (Schulke & Mayr)*	0.6 Preservative
	Fragrance - Silky Touch (Mane & Fils SA)	0.2 Fragrance
	=== Phase 3 ===	
	Citric Acid	q.s. pH Adjuster
	STEPAN-MILD® GCC-FL/MB	0.5 Viscosity Builder, Skin Feel Enhancer
	Total	100.0
Procedure	<ol style="list-style-type: none"> In a vessel, introduce Deionize Water with mixing. Add STEPANBLEND® ASF with mixing. Note: Cold water can be used however, warm water may speed the incorporation of STEPANBLEND® ASF. Add phase 2 ingredients in the order noted. Mix with the addition of each ingredient. Adjust pH to be between 5.0 and 5.5 with Citric Acid. Add STEPAN-MILD® GCC-FL/MB to yield the desired viscosity. Note: INCI name for euxyl™ k 712 preservative is supplied by Schulke & Mayr is Sodium Benzoate (and) Potassium Sorbate (and) Aqua (Water). 	
Physical Properties	Appearance	Transparent thin gel
	pH, as is	5.4
	Viscosity at 25°C (Brookfield LV1/V30), cps	4,020
Storage/Stability	4 weeks at 5°C	Stable
	4 weeks at 20°C	Stable
	4 weeks at 45°C	Stable
Instructions for Use	Apply a small amount of body wash to wet sponge. Wet skin and apply body wash using the wet sponge. Lather and rinse skin with water.	
External Comment	Marketing Notes: INCI List - Aqua, Coco Betaine, Sodium C14-16 Olefin Sulfonate, Decyl	

Glucoside, Citric Acid, Glyceryl Caprylate/Caprates, Dimethyl Lauramide Myristamide, Sodium Benzoate, Potassium Sorbate, Fragrance, Glycerin, Propanediol.

Registered
Trademarks
of Stepan
Company

STEPAN-MILD®
STEPANBLEND®

For
Additional
Assistance

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or +33 476 505 100 (Europe).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents. **STEPAN COMPANY MAKES NO PRODUCT WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, OR ADEQUACY.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, furnishing, use, or reliance upon information provided herein. The vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

Stepan 

Stepan Europe SAS
Chemin Jongkind, CS 20127
38341 Voreppe Cedex, France
Phone: +33 4 76 50 51 00

Revision Date: 02/01/2024 Publication Date: 01/24/2024 © 2024, Stepan Company. All rights reserved.