

Formulation

Name	MILD, AMIDE-FREE, CLEAR BODY WASH	
No.	1081	
Description	This clear body wash provides creamy foam and nice after-feel.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 === Deionized Water	q.s. to 100.0 Carrier
	=== Phase 2 === STEOL® CS-230 STEPAN-MILD® LSB AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	28.9 Primary Surfactant 18.9 Secondary Surfactant 10.0 Secondary Surfactant
	=== Phase 3 === STEPAN-MILD® GCC	2.0 Viscosity Modifier, Foam Stabilizer
	=== Phase 4 === DMDM Hydantoin Citric Acid Fragrance and Dye	0.25 Preservative q.s. pH Adjuster q.s. Additives
	Total	100.0
Procedure	<p>1. Into a suitable vessel equipped with mixing capabilities, add Deionized Water. Start agitating. 2. Add STEOL® CS-230, STEPAN-MILD® LSB, and AMPHOSOL® HCG (or AMPHOSOL® HCG-HP). Mix well until homogeneous. 3. Add STEPAN-MILD® GCC. Mix until clear. 4. Add DMDM Hydantoin, Fragrance, and Dye with mixing. 5. Adjust pH with Citric Acid if necessary. *Note: When formulating with AMPHOSOL® HCG-HP, a greater amount of Citric Acid may be needed to adjust the pH within the recommended range as noted, than when formulating with AMPHOSOL® HCG.</p>	
Physical Properties	Appearance at 25°C	Clear Liquid
	pH, as is	5.5–5.7
	Viscosity at 25°C, cps	25,000–27,000
Storage/Stability	1 month stability at 25°C	Stable
	1 month stability at 50°C	Stable
Instructions for Use	Squeeze a small amount onto a wet pouf or washcloth. Work into rich lather. Rinse off.	
External Comment	<p>Marketing Notes: Amide free indicates that this formulation does not contain an alkanolamide. STEOL® CS-230 PC HP may be a potential substitute for STEOL CS-230. It should be noted that stability testing using this STEOL® CS-230 PC HP has not been completed on this formulation,</p>	

and in addition to the pH adjustment taking a greater amount of Citric Acid, the substitution may also yield slightly different physical properties.

Registered
Trademarks
of Stepan
Company

STEOL®
STEPAN-MILD®
AMPHOSOL®

For
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.

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 or to violate any applicable laws. **STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise.

Stepan 

Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

Revision Date: 12/21/2016 Publication Date: 06/23/2008 © 2016, Stepan Company. All rights reserved.