



# Formulation

Name	<b>BUBBLE BATH</b>	
No.	733	
Description	Very mild bubble bath with excellent foam stability	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u></b>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0
	AMPHOSOL® HCG (or AMPHOSOL® HCG-HP)	5.0
	STEPAN-MILD® SL3-BA	5.0
	STEOL® CS-330 (STEOL® CS-330 HP)	36.0
	Pricerine 9088 (Uniqema) Glycerin	3.0
	NINOL® M10	2.0
	=== Phase 2 ===	
	Citric Acid	q.s.
	Preservative, Dye, Fragrance	q.s.
	Sodium Chloride	q.s.
	<b>Total</b>	<b>100.0</b>
Procedure	1. In a vessel equipped with heating and agitation, combine ingredients in Phase 1. 2. Heat to 65 °C (149 °F). Add NINOL® M10 and mix until completely dissolved. 3. Cool mixture below 37 °C (100 °F), and adjust pH to 6.0 with Citric Acid. 4. Add Preservative, Dye, and Fragrance, if desired. 5. Adjust viscosity with Sodium Chloride, if necessary. *Note: When formulating with AMPHOSOL® HCG-HP and/or STEOL® CS-330 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 and STEOL® CS-330.	
Physical Properties	Appearance at 25°C	Clear liquid
	Viscosity at 25°C, cps	1,500–2,500
	pH, as is	6.0–6.5
Storage/Stability	6 months at 25°C	Stable
	3 months at 42°C	Stable
Instructions for Use	Pour in running bath water.	
Registered Trademarks of Stepan Company	AMPHOSOL® STEPAN-MILD® STEOL® NINOL®	
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 Company  
Northfield, Illinois 60093  
Telephone (847) 446-7500

Revision Date: 12/19/2016    Publication Date: 04/24/2007    © 2016, Stepan Company. All rights reserved.