



Formulation

Name	BUBBLE BATH	
No.	1076	
Description	This formulation provides light, lacy foam with good skin after-feel.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Solvent
	Glycerin (Uniqema)	0.5 Humectant
	Mackernium 007 (Solvay) Polyquaternium-7	0.2 Conditioning Agent
	BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA)	38.5 Primary Surfactant
	STEPAN-MILD® L3	2.0 Secondary Surfactant
	Hydrotriticum 2000 (Croda), Hydrolyzed Whole Wheat Protein	0.2 Additive
	Preservative, Dye, Fragrance	q.s. Additive
	Sodium Hydroxide, 50% solution	q.s. pH Modifier
	Citric Acid, 50% solution	q.s. pH Modifier
	Sodium Chloride	q.s. Viscosity Modifier
	Total	100.0
Procedure	<p>1. In a suitable container, combine Deionized Water, Glycerin, Mackernium 007, BIO-TERGE® AS-40 (or BIO-TERGE® AS-40 HA), and STEPAN-MILD® L3. Mix until clear.</p> <p>2. Add Hydrotriticum 2000. Mix well.</p> <p>3. Add Preservative, Dye, and Fragrance. Mix.</p> <p>4. Adjust pH with Sodium Hydroxide, 50% solution or Citric Acid, 50% solution and adjust viscosity with Sodium Chloride.</p> <p>*Note: When formulating with BIO-TERGE® AS-40 HA, a greater amount of Citric Acid, 50% solution, may be needed to adjust the pH within the recommended range as noted, than when formulating with BIO-TERGE® AS-40.</p>	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	5.8-6.5
	Viscosity at 25°C, cps	1,500-2,000
Instructions for Use	Squeeze bubble bath into stream of running water as tub fills up.	
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For Additional Assistance	<p>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).</p> <p>For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>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</p>	

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