



Formulation

Name	GENTLE HAIR-TO-TOE BABY WASH	
No.	1278	
Description	This hair-to-toe baby wash is designed to gently cleanse and moisturize baby's sensitive skin and hair, acting as both a baby body wash and baby shampoo. It is gentle enough for regular use.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s to 100.00 Carrier
	CEDEPAL® TD-403 MKLD	13.30 Primary Surfactant
	Tween™ 28-LQ-(AP) (Croda International Plc) PEG-80	7.86 Secondary Surfactant
	Sorbitan Laurate	29.13 Secondary Surfactant
	AMPHOSOL® HCA-HP	3.32 Secondary Surfactant, Chelating Agent
	AMPHOSOL® 1C	
	=== Phase 2 ===	
	STEPAN-MILD® GCC	0.50 Thickener
	=== Phase 3 ===	
	Citric Acid	q.s. pH Adjuster
	Fragrance	q.s. Fragrance
	Preservative	q.s. Preservative
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. In an appropriate vessel, charge Phase 1 ingredients and mix until clear and homogenous. 2. Charge STEPAN-MILD® GCC. Mix until completely clear. 3. Adjust pH, and add Fragrance and Preservative. 	
Physical Properties	Appearance at 25 °C	Light yellow, clear viscous liquid
	pH, as is	5.5 - 6.5
	Viscosity at 25 °C, cps	10,000 - 15,000
Storage/Stability	4 weeks at 5 °C	Stable
	4 weeks at 25 °C	Stable
	4 weeks at 45 °C	Stable
	Freeze/Thaw, 3 cycles	Pass
Instructions for Use	Apply to wet hair, lather, and rinse-off.	
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For Additional	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.	

Assistance

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