



# Formulation

Name	<b>NATURALLY-DERIVED MOISTURIZING BODY WASH</b>	
No.	1113	
Description	A sulfate-free* body wash made with naturally-derived surfactants that provides high foaming and nice after-feel on skin.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	ALPHA-STEP® PC-48	16.20 Primary Surfactant
	AMPHOSOL® CDB Special	13.30 Secondary Surfactant, Viscosity Modifie
	Mackernium 007 (Rhodia) Polyquaternium-7	2.80 Additive
	STEPAN-MILD® L3	1.0 Emollient, Secondary Surfactant
	Kathon CG (Rohm and Haas) Methylchloroisothiazolinone and Methylisothiazolinone	0.05 Preservative
	Fragrance and Color	q.s. Additive
	Citric acid or Sodium Hydroxide (25%)	q.s. pH Adjuster
	Water	q.s. to 100.00 Carrier
	<b>Total</b>	<b>100.00</b>
Procedure	1) Add Deionized water to suitable vessel and begin agitating. Slowly add Mackernium 007. Mix until the solution is clear. 2) Add the first two surfactants. Mix well. Add STEPAN-MILD® L3 and mix until homogeneous. 3) Add the Fragrance, Dye, and Kathon CG. Mix well. Adjust pH with Citric Acid to pH 5.2–5.8.	
Physical Properties	pH, as is	5.2–5.8
	Viscosity at 25°C	6,000–9,000 cps
	Appearance at 25°C	Clear viscous liquid
Storage/Stability	4 weeks at 25°C	Stable
	4 weeks at 5°C	Stable
	4 weeks at 50°C	Stable
	Freeze/Thaw 3 cycles	Stable
Instructions for Use	Apply to wet skin and lather. Rinse thoroughly.	
	High foaming body wash that rinses easily and leaves nice after-feel on skin.	
External Comment	Marketing Notes: Sulfate-free* means containing no alcohol sulfate or alcohol ether sulfate per INCI nomenclature.	
Registered Trademarks of Stepan Company	ALPHA-STEP® AMPHOSOL® STEPAN-MILD®	
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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