



# Formulation

Name	<b>HAND WASH</b>	
No.	1065	
Description	This mild hand wash is non-stringing and leaves a soft and silky after-feel on the skin.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Solvent, Carrier
	ALPHA-STEP® HWC	35.0 Cleansing Agent, Surfactant
	Preservative, Dye, and Fragrance	q.s. Additives
	Citric Acid, 50%	q.s. pH Adjuster
	Sodium Hydroxide, 50%	q.s. pH Adjuster
	Sodium Chloride	q.s. Viscosity Adjuster
	<b>Total</b>	<b>100.0</b>
Procedure	Into a suitable vessel equipped with mixing capabilities, combine above ingredients. Mix until homogeneous. Adjust to desired pH with Citric Acid or Sodium Hydroxide. Adjust viscosity, if desired, with Sodium Chloride.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	5 - 6
Storage/Stability	3 months at 25°C	Stable
	1 month at 42°C	Stable
	1 month at 50°C	Stable
Instructions for Use	Wet the skin, apply on hands, and work through to develop a foam.	
External Comment	This formulation, with no Sodium Chloride added, is perfect for Air Foamer Bottles. For pump bottles, add 1.5%-2.0% Sodium Chloride.	
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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.	
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