



# Formulation

Name	<b>SHOWER WASH</b>	
No.	949	
Description	Cleanses the body, leaving a velvety smooth after-feel.	
Formulation	<b>INGREDIENTS:</b>	<b>% by Weight    Functionality</b>
	Deionized Water	q.s. to 100.0 Carrier
	STEOL® CS-130 (or STEOL® CS-130 HP)	30.0 Primary Surfactant
	AMMONYX® CETAC	1.0 Conditioning Agent
	AMPHOSOL® 810-B	13.5 Secondary Surfactant
	Glycerin	0.5 Humectant
	AMPHOSOL® 1C	8.0 Secondary Surfactant
	Versene 200 (Dow Chemical) Tetrasodium EDTA	0.1 Chelating Agent
	Fragrance, Dye and Preservative	q.s. Additives
	Sodium Chloride	q.s. Viscosity Adjuster
	Sodium Hydroxide	q.s. pH Adjuster
	Citric Acid	q.s. pH Adjuster
	<b>Total</b>	<b>100.0</b>
Procedure	1. Combine all ingredients in a suitable container. Mix at 25°C (77°F) until clear and homogeneous. 2. Adjust pH with Citric Acid or Sodium Hydroxide and viscosity with Sodium Chloride. *Note: When formulating with STEOL® CS-130 HP, a greater amount of Citric Acid may be needed to adjust the pH within the recommended range as noted, than when formulating with STEOL® CS-130.	
Physical Properties	Appearance, as is	Clear liquid
	Viscosity at 25°C (#4 spindle at 20 rpm), cps	2,500-3,000
	pH at 25°C	5.5-6.5
Storage/ Stability	3 month at 25°C	Stable
	1 month at 42°C	Stable
	1 month at 50°C	Stable
Instructions for Use	Apply to wet skin, lather, and rinse.	
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Stepan Company  
Northfield, Illinois 60093  
Telephone (847) 446-7500

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