



Formulation

Name	Clear Conditioning Shampoo	
No.	1079	
Description	Clear conditioning shampoo with light conditioning effect.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0 Solvent
	STEOL® CS-230	35.0 Primary Surfactant
	STEPAN-MILD® L3	1.0 Secondary Surfactant
	Polyquaternium-7 (Merquat 550) McIntyre	2.2 Conditioning Agent
	PEG-150 Pentaerythrityl Tetrastearate (and) PEG-6	3.0 Thickener
	Caprylic/Capric Glyceride (and) Water (Crothix Liquid)	
	Croda	
	=== Phase 2 ===	
	PEG-12 Dimethicone (Silicone 193) Dow Corning	0.2 Additive
	Hydrolyzed Wheat Protein, Croda	0.1 Additive
	=== Phase 3 ===	
	Preservatives and Dye	q.s. Preservative
	Sodium Citrate 10% sol.	0.25 Buffer
	Citric Acid, 50% sol.	q.s. pH Modifier
	Sodium Chloride	q.s. Viscosity Modifier
	Total	100.0
Procedure	Into a suitable vessel equipped with mixing capability, add all ingredients listed in Phase 1. Start mixing with a good agitation until solution is clear. Add Phase 2, mix well and add Preservative and dye, mix. Add Sodium Citrate and adjust pH to 6.0 - 6.5 with Citric acid and viscosity with Sodium Chloride	
Physical Properties	Appearance at 25°C	clear
	pH, as is	6.0 - 6.5
	viscosity at 25°C, cps	5,000 - 8,000
Storage/Stability	1 month at 25°C	stable
	1 month at 42°C	stable
Instructions for Use	Apply the product to the hair and work your hair into lather. Rinse and repeat if necessary.	
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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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Revision Date: Publication Date: 01/06/2009 © 2009, Stepan Company. All rights reserved.