



Formulation

Name	COLOR PROTECTION SHAMPOO	
No.	894	
Description	This shampoo contains mild surfactants and can be used for color-treated hair.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100.0 Carrier
	PEG-150 Distearate (HALLSTAR® PEG 6000 DS)	0.5 Thickener
	STEOL® CS-230	20.0 Primary Surfactant
	AMPHOSOL® 2C	20.0 Secondary Surfactant
	AMPHOSOL® CS-50	6.0 Secondary Surfactant
	Preservative, Dye, Fragrance	q.s. Additive
	Sodium Hydroxide	q.s. pH Adjuster
	Citric Acid	q.s. pH Adjuster
	Sodium Chloride	q.s. Viscosity Adjuster
	Total	100.0
Procedure	Add Deionized Water and PEG-150 Distearate to a suitable vessel. Start mixing and heating to 160°F. When PEG-150 Distearate is dissolved, add STEOL® CS-230, AMPHOSOL® 2C, and AMPHOSOL® CS-50. Mix well. Start cooling to 77°F. At 90°F add Preservative, Dye, and Fragrance. Adjust pH with Citric Acid or Sodium Hydroxide. Adjust viscosity with Sodium Chloride, if necessary.	
Physical Properties	Appearance	Clear liquid
	pH, as is	6.5
	Viscosity at 25°C, cps	7400
Storage/Stability	3 months at 25°C	Stable
	1 month at 42°C	Stable
	1 week at 50°C	Stable
Instructions for Use	Apply to wet hair, work through, and rinse	
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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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