



Formulation

Name	SPRAYABLE W/O HAIR SHINE WITH ORGANIC SUNSCREENS	
No.	856	
Description	This lotion is easy to spray and distributes evenly on the hair to provide light after-feel.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100
	STEPANQUAT® ML	2.5
	PEG-12 Laurate (HALLSTAR® PEG 600 ML)	0.5
	=== Phase 2 ===	
	Dow Corning 345 Fluid (Dow Corning) Cyclomethicone	20.0
	Ethylhexyl Isononanoate	2.0
	Escalol 557 (ISP) Ethylhexyl Methoxycinnamate	7.5
	Escalol 587 (ISP) Ethylhexyl Salicylate	5.0
	Abil EM-90 (Goldschmidt) Cetyl Dimethicone Copolyol	1.5
	=== Phase 3 ===	
	Preservative, Dye, Fragrance	q.s.
	Total	100
Procedure	Mix together all ingredients in Phase 1. In a separate container, mix together all ingredients in Phase 2. Add Phase 1 to Phase 2. Mix for 20-25 minutes until emulsified. Add Phase 3 ingredients. Homogenize for 3-5 minutes at 5000 rpm.	
Physical Properties	Appearance at 25°C	Opaque thin liquid
	SPF (estimated)	15
	pH at 25°C	4.0 - 5.0
	Viscosity at 25°C, cps	25
Storage/Stability	6 months at 25°C	Stable
	3 months at 50°C	Stable
Instructions for Use	Spray on dry hair and style as desired.	
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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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