



# Formulation

Name	<b>SPRAYABLE W/O SUNSCREEN LOTION (COLD MIXING)</b>	
No.	806	
Description	This lotion is easy to spray and evenly distribute on the skin to provide great, light after-feel.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u></b>
	=== 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 (HALLSTAR® OCTYL 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.
	<b>Total</b>	<b>100.0</b>
Procedure	Prepare Phase 1. Prepare Phase 2. Add Phase 1 into Phase 2. Mix for 20-25 minutes. Add phase 3. Homogenize for 3-5 minutes at 5000 rpm.	
Physical Properties	Appearance at 25°C	opaque thin liquid
	SPF (estimated)	15
	pH, as is, at 25°C	4.0-5.0
	Viscosity at 25°C, cps	25
Storage/Stability	2 months at 25°C	Stable
	2 months at 42°C	Stable
	2 months at 50°C.	Stable
Instructions for Use	Spray on skin and rub in.	
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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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