



Formulation

Name	MAKE-UP W/O LOTION, ESTIMATED SPF 15	
No.	846	
Description	This light W/O emulsion is a great vehicle for pigments as it provides uniform distribution of color and sun protection.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0 Carrier
	STEPANQUAT® ML	2.0 Conditioning agt
	=== Phase 2 ===	
	Dow Corning 345 Fluid (Dow Corning) Cyclomethicone	20.0 Emollient
	Abil EM-90 (Goldschmidt) Cetyl Dimethicone Copolyol	1.0 Emulsifier
	Salcare SC-95 (Ciba) Polyquaternium-37 and Mineral Oil and PPG-1 Trideceth-6	2.0 Thickener
	TiO2 MT-100T (Tri-K) Titanium Dioxide/Aluminum Hydroxide/Stearic Acid	5.0 Sunscreen agt
	=== Phase 3 ===	
	Preservative	q.s. Preservative
	Yellow Iron Oxide (Warner Jankinson) Iron Oxide	0.3 Colorant
	Red Iron Oxide (Warner Jankinson) Iron Oxide	0.2 Colorant
	Black Iron Oxide (Warner Jankinson) Iron Oxide	0.05 Colorant
	Total	100.0
Procedure	In a suitable vessel equipped with agitation capability, combine Phase 1 ingredients. Mix well. In a separate container prepare Phase 2 by combining ingredients and mixing. Add Phase 1 into Phase 2 maintaining good agitation. Mix well for 15 - 20 minutes. Add Phase 3 ingredients. Mix well. Homogenize for 3-5 minutes at 3500 rpm.	
Physical Properties	Appearance at 25°C	Lotion
Storage/Stability	6 months at 25°C	Stable
	1 month at 42°C	Stable
	1 month at 50°C	Stable
Instructions for Use	Apply this combination makeup/lotion to the face.	
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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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