



Formulation

Name	SELF-TANNING LOTION	
No.	725	
Description	This self-tanning lotion has excellent feel. In addition, it provides a natural-looking tan with Dihydroxyacetone.	
Formulation	INGREDIENTS:	% by Weight
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0
	Glycerin	3.50
	STEPANQUAT® GA 90 (Ester Quat)	2.85
	=== Phase 2 ===	
	Ethylhexyl Isononanoate (HALLSTAR® OCTYL ISONONANOATE)	15.00
	Isopropyl Myristate (HALLSTAR® IPM)	2.00
	CETYL ALCOHOL	2.00
	Glyceryl Stearate (HALLSTAR® GMS PURE)	2.50
	STEARYL ALCOHOL	1.50
	=== Phase 3 ===	
	Dihydroxyacetone (Rono/EM) Dihydroxyacetone	3.50
	Deionized Water	10.00
	=== Phase 4 ===	
	Fragrance, Dye, and Preservative	q.s.
	Total	100.00
Procedure	Prepare Phase 1 and heat to 70°C–75°C. Prepare Phase 2 and heat to 73°C–77°C. Add Phase 2 to Phase 1 with good agitation. Emulsify for 20–25 minutes. Start cooling to room temperature. Prepare Phase 3. Add Phase 3 into the main batch. Add Phase 4. Adjust pH to 4.0–4.5.	
Physical Properties	Appearance at 25°C	Opaque
	pH, as-is	4.0–5.0
	Viscosity at 25°C, cps	4000–4500
Storage/Stability	1 year at 25°C	Stable
	3 months at 42°C	Stable
	1 week at 50°C	Stable
Instructions for Use	Smooth evenly and thoroughly over clean skin. Color develops in 2–3 hours.	
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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: 01/07/2009 Publication Date: 03/31/2008 © 2017, Stepan Company. All rights reserved.