

Formulation

Name	ALL PURPOSE SKIN CREAM		
No.	1088		
Description	This unique cationic formulation penetrates deeply to rehydrate dry skin.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	=== Phase 1 ===		
	Deionized Water	q.s. to 100.0	Solvent, Carrier
	Glycerin USP	4.00	Humectant
	STEPANQUAT® GA 90	3.50	Emulsifier, Conditioning Agent
	=== Phase 2 ===		
	Petrolatum USP	4.00	Emollient
	Isopropyl Palmitate (HALLSTAR® IPP)	3.00	Emollient
	Dimethicone	1.00	Emollient
	CETYL ALCOHOL, NF	2.00	Emulsifier, Thickener
	=== Phase 3 ===		
	Potassium Chloride	0.40	Opacifier, Thickener
	=== Phase 4 ===		
	Citric Acid 50% solution	q.s.	pH Modifier
	Sodium Hydroxide 50% solution	q.s.	pH Modifier
	=== Phase 5 ===		
	Fragrance, Dye, & Preservative	q.s.	Additives
	Total	100.0	
Procedure	<p>Into a suitable vessel equipped with heating, cooling, and agitation, prepare the water phase by adding Deionized Water, Glycerin USP and STEPANQUAT® GA 90. Begin to mix and heat to 70°C–75°C (158°F–167°F). Into a separate vessel, prepare the oil phase by adding Petrolatum USP, Isopropyl Palmitate, Dimethicone, and CETYL ALCOHOL, NF. Heat to 70°C–75°C (158°F–167°F) with continuous mixing. Add the oil phase to the water phase with good mixing. Agitate for 20–30 minutes. With constant mixing, cool to 43°C (110°F). Add Potassium Chloride dissolved in water mix. If necessary, adjust pH to 4.0–4.5 with Citric Acid or Sodium Hydroxide. Add fragrance, dye and preservative, as desired. At 38°C (100°F), homogenize the product and cool to room temperature.</p>		
Physical Properties	Appearance at 25°C	Thick, opaque lotion	
	pH (as is)	4.0–4.5	
Instructions for Use	Apply daily to all skin portions of the body.		
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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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