

Formulation

Name	ALL PURPOSE SKIN CREAM	
No.	1088	
Description	This unique cationic formulation penetrates deeply to rehydrate dry skin.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== 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	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.	
Physical Properties	Appearance at 25°C pH (as is)	Thick, opaque lotion 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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