



# Formulation

Name	<b>SPRAYABLE MOISTURIZING BODY LOTION</b>	
No.	889	
Description	This lotion moisturizes the skin while providing a light emollient after-feel.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>   <u>Functionality</u></b>
	=== Phase 1 ===	
	Deionized Water	q.s. 100.0 Carrier
	Glycerin (Uniqema)	1.5 Humectant
	=== Phase 2 ===	
	Polawax (Croda) Emulsifying Wax, NF	1.5 Emulsifier
	STEPAN® 3T	10.0 Emollient
	CETEARYL ALCOHOL	0.5 Bodifying Agent
	Glyceryl Stearate (And) PEG-100 Stearate	1.0 Viscosity Stabilizer
	Fragrance, Dye, & Preservative	q.s. Additives
	Citric Acid	q.s. Additive
	Sodium Hydroxide	q.s. Additive
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Into a suitable vessel equipped with heating, cooling, and agitation, prepare water phase by adding Deionized Water and Glycerin.</li> <li>2. Begin to mix. Start heating to 70°C.</li> <li>3. In a separate container, prepare oil phase by adding Polawax, STEPAN® 3T, CETEARYL ALCOHOL, and Glyceryl Stearate/PEG-100 Stearate.</li> <li>4. Heat to 70-75°C. Increase agitation.</li> <li>5. Slowly add oil phase to the water phase. Emulsify at 70-75°C for 20-25 minutes.</li> <li>6. Start cooling to room temperature with continuous agitation. Adjust pH to 6.0 - 6.5, if necessary, with Citric Acid or Sodium Hydroxide. Cool to ambient temperature.</li> <li>7. Add Preservative, Dye, and Fragrance.</li> </ol>	
Physical Properties	Appearance at 25°C	Opaque lotion
	pH at 25°C	6.0 - 6.5
	Viscosity at 25°C, spindle #4 at 20 RPM	500
Storage/ Stability	1 month at 42°C	Stable
	1 week at 50°C	Stable
	3 months at 42°C	Stable
Instructions for Use	Spray on and smooth into skin.	
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	For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or	

For  
Additional  
Assistance

011-334-76-505-100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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Revision Date: 03/14/2008    Origination Date: © 2008, Stepan Company. All rights reserved.