

# Formulation

Name	<b>THE MINIMALIST COLLECTION: CONDITION</b>	
No.	1305	
Description	Seven ingredients* or less, no drama. The Minimalist Collection accomplishes your grooming and personal care needs with two simple, thoughtfully designed products, minimally fragranced using only essential oil. Condition uses only seven ingredients, including STEPANQUAT® Helia, a naturally-derived, hypoallergenic conditioning agent that moisturizes both skin and hair. Use Condition in the shower as a daily conditioner or outside the shower as an all-over body lotion.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.0 Carrier
	Structure® Solance (Akzo Nobel N.V.)	3.50 Thickener
	=== Phase 2 ===	
	STEPANQUAT® HELIA	2.70 Conditioning Agent
	HallStar® CO-1695 Cetearyl Alcohol NF (The HallStar Company)	3.50 Bodifying Agent
	WECOBEE® M	1.00 Emollient
	=== Phase 3 ===	
	Deionized Water	5.00 Diluent
	Potassium Chloride	0.50 Opacifier, Thickener
	=== Phase 4 ===	
	Citric Acid, 50% Solution	q.s. pH Adjuster
	Orange Oil (Orchidia®)	0.09 Fragrance
	Preservative	0.75 Preservative
	<b>Total</b>	<b>100.00</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Deionized Water to a container with mixing and heating properties. Begin to mix.</li> <li>2. Charge Structure® Solance and mix until homogenous. Heat to 70-75°C (158-167°F).</li> <li>3. Add STEPANQUAT® HELIA and mix until homogenous.</li> <li>4. Add HallStar® CO-1695 Cetearyl Alcohol NF and WECOBEE® M. Mix for 30 minutes.</li> <li>5. While mixing, cool to 45°C (113°F).</li> <li>6. In a separate beaker, dissolve Potassium Chloride in Deionized Water. Add to batch with mixing.</li> <li>7. Adjust the pH for a target of 3.5-4.5 with Citric Acid or Sodium Hydroxide solutions.</li> <li>8. While mixing, cool to room temperature.</li> <li>9. Add Orange Oil and Preservative, as desired.</li> </ol>	
Physical Properties	Appearance, as is	Off-white, viscous lotion
	pH, as is	3.5-4.5
	Viscosity at 25°C, LVT #3 at 12 rpm, cps	9,000
Storage/ Stability	4 weeks at 5°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 45°C	Stable

Freeze/Thaw 3 cycles

Pass

Instructions for Use

After shampooing, apply to wet hair and work through with fingers. Rinse thoroughly. Use also as a skin lotion by applying a dime-sized amount in hands and rub until evenly spread.

External Comment

\*Ingredients are counted by INCI Name the count does not include water, processing aids (such as citric acid, sodium chloride, or sodium hydroxide) or preservatives. Marketing Notes: BCI = 91. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. "Naturally-derived" is a product that has a BCI greater than 50 but less than 100. Other non-Stepan ingredients were not evaluated. For further information on Stepan's BCI, visit [www.stepan.com](http://www.stepan.com).

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WECOBEE®

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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