This light and fresh hand sanitizer with Floraesters® K-20W Jojoba is formulated to leave skin feeling hydrated without a tacky residue. The formula contains a high amount of ethanol (70%) to sanitize the hands while the unique synergy of Floraesters K-20W Jojoba and glycerin moisturizes the skin (ref. CS09-014¹), leaving a silky-smooth skin feel.

### Mixing Procedure

1. Add the Carbopol Ultrez 10 Polymer to the deionized water of Phase A at room temperature. Begin mixing with moderate propeller agitation until the Carbopol Ultrez 10 Polymer is completely hydrated.

2. In a separate vessel, mix all ingredients of Phase B with moderate propeller agitation. Heat to 35-40°C. Keep mixing until the Klucel Hydroxypropylcellulose HCS and the Natrosol 250 HR CS are completely hydrated. Cool to room temperature.

3. Add Phase B to Phase A at room temperature with moderate propeller agitation.

4. Add Phase C to Phase AB with moderate propeller agitation. The mixture will begin to gel.

5. In a separate vessel, mix all ingredients of Phase D before adding to Phase ABC with moderate propeller agitation.

6. Add Phase E to Phase ABCD with moderate propeller agitation to completely neutralize the Carbopol Ultrez 10 Polymer.

### Typical Properties:
- **pH:** 6 - 7
- **Viscosity:** 3 - 8 kCP

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¹ Floratech Claim Sheet CS09-014: Increased Skin Hydration with K-20W Jojoba Plus Glycerin

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Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)