


**TITLE: NATURAL HAND SANITIZER**

**FORMULATION #BC-37-18-B**

| Ingredient  | Product Type        | Market Focus | Function                                | Skin Types | Method       | Snap Shot   |
|---|---------------------|--------------|---|------------|--------------|---|
|  | Hand Sanitizer/ Gel | All          | Moisturization<br>Cleansing<br>Sanitize | All        | Cold Process | Natural hand sanitizer that will leave hands feeling hydrated |

**Key Ingredients**

| Trade Name                | INCI Name   | Wt%   |
|---------------------------|---|-------|
| <b>PHASE A</b>            |   |       |
| Hydresia® SF2 (Botaneco)  | <i>Carthamus Tinctorius (Safflower) Oleosomes + Water</i> | 2.00  |
| Lipovol Sun (Lipo)        | Helianthus Anuus (Sunflower) Seed Oil                     | 4.00  |
| Fragrance                 | Fragrance   | 0.30  |
| <b>PHASE B</b>            |   |       |
| Water                     | Aqua  | 29.70 |
| Methocel 40-202 PCG (DOW) | Hydroxypropyl Methylcellulose                             | 2.00  |
| <b>PHASE C</b>            |   |       |
| Ethyl Alcohol             | Alcohol   | 62.00 |

**Procedure**

1. With a propeller, mix ingredients from Phase A for 30 minutes at 400 rpm.
2. Mix ingredients from Phase B with a propeller at 800 rpm for 30 minutes.
3. Add phase A to Phase B and mix 10 minutes.
4. Slowly add Phase C by small increments
5. Mix until homogenous.

**SPECIFICATIONS**

Viscosity: Brookfield RVF #6 @20 rpm: 10250 cps  
pH 5.2-5.5

**Sales & Technical Support**

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