

“Green” Waterless Hand Cleaner No. 615

| | | Wt. % |
|----------|--|--------------|
| A | VAN GEL® SX Magnesium Aluminum Silicate | 4.0 |
| | Water | 76.0 |
| B | Propylene Glycol, USP | 5.0 |
| | Sodium Lauryl Sulfate (Calfoam® SLS-30 ¹) | 1.5 |
| | Orange Oil (Tech Grade d-limonene ²) | 5.0 |
| | C16-C18 Methyl Ester/Sodium Dioctyl Sulfosuccinate Surfactant Blend (Soygold 2500™ Rinseable Solvent ³) | 5.0 |
| C | Juglans Regia (Walnut) Shell Powder (AD-9 Cosmetics Grade (Sterilized) 40/100 Walnut Shell Raw Material ⁴) | 3.5 |
| D | Preservative | q.s. |

Procedure:

Step 1 – Sift the **VAN GEL® SX** into an established vortex in the water. Mix until fully hydrated.

Step 2 – Add the Part B ingredients and mix thoroughly after each.

Step 3 – Sift in the ground walnut shell abrasive and mix thoroughly.

Step 4 – Add the preservative (Part D) and mix thoroughly.

Note: Because of the solvents in the formula, verify compatibility with the intended packaging.

RAW MATERIAL SUPPLIERS

¹Pilot Chemical Company, Cincinnati, OH

²Florida Chemical, Inc., Winter Haven, FL

³Ag Environmental Products, LLC, Omaha, NE

⁴Composition Materials Co., Inc., Milford, CT

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