

This crystal-clear IPA hand sanitizer is rapidly thickened by our high-performance, drop-in rheological modifier **Rapidgel® EZ1**. Formulated with **Sensoderm INN**, it delivers a superior sensorial effect, maintaining skin softness and preventing dryness even with frequent use.

	 <b>Components</b>	 <b>INCI Declaration</b>	 <b>%</b>	 <b>Function</b>
<b>Phase I</b>	Isopropyl Alcohol 99.7% <b>Sensoderm INN</b> 2161039 Seaglass <sup>(A)</sup> Water Deionized Glycerin USP	Isopropyl Alcohol <b>Isononyl Isononanoate</b> Parfum Water (Aqua) Glycerin	65.196 <b>1.00</b> 0.15 30.254 1.40	Antimicrobial active <b>Sensory modifier</b> Fragrance Solvent Humectant
<b>Phase II</b>	<b>Rapidgel® EZ1</b>	<b>PEG-6 (and) AMP-Acrylates/ Vinyl Isodecanoate Crosspolymer</b>	<b>2.00</b>	<b>Rheology modifier, thickener</b>
Appearance Viscosity (RV#6 @ 10rpm) pH (as is) Transmittance % (@425nm) IPA assay		Clear gel 7,000 - 10,000 cps. 7.0 - 7.5 >97.0% 65.00 ± 2.00% w/w		

### Procedure:

1. Ensure the mixing vessel is properly earth-grounded for flammable liquid handling. Charge the vessel with the Isopropyl Alcohol.
2. Begin mixing at a slow-to-moderate speed. Add the remaining Phase I ingredients in the order listed. Mix until the solution is completely clear and uniform.
3. While maintaining steady mixing, add the RAPIDGEL® EZ1. Continue mixing until the polymer is fully incorporated and a crystal-clear, uniform gel structure is achieved.

### Sources:

A. Orchidia