

Meets monograph requirements for OTC hand sanitizers with added sensorial effect from **Sensoderm INN** and skin soothing effect of **3V Allantoin**. The combination of PCMX and phenoxyethanol safely amplifies the formula's antiseptic power. This is a crystal clear gel thickened by our drop-in rheological modifier **Rapidgel EZ1**.

		 Components	 INCI Declaration	 %	 Function
Phase I		SDA-40 190pf USP Sensoderm INN 3V Allantoin PCMX Phenoxyethanol Fragrance	Ethyl Alcohol Isononyl Isononanoate Allantoin Chloroxylenol Phenoxyethanol Parfum	68.50 1.50 0.20 0.15 0.45 0.10	Antimicrobial Sensory modifier Skin protectant Germicidal agent Germicidal booster Fragrance
Phase II		Water deionized Butylene glycol	Water (Aqua) Butylene glycol	25.60 1.50	Diluent Sensory modifier
Phase III		Rapidgel EZ1	PEG-6 (and) AMP-Acrylates/ Vinyl Isodecanoate Crosspolymer	2.00	Rheology modifier
Appearance		Clear gel			
Viscosity (LV#4 @ 12rpm)		10,000 - 15,000 cps.			
pH (as is)		5.5 - 6.5			
Transmittance % (@425nm)		>94.0%			
Ethanol assay		65.00 ± 2.00% w/w			

Procedure:

1. Into an earth-grounded mixing vessel meter in SDA alcohol.
2. Begin mixing at slow speed and add the materials of Phase I in listed order, one at a time.
3. When Phase I is a uniform clear liquid, slowly add water then butylene glycol to the batch.
4. Mix until a uniform clear solution is apparent.
5. Add Rapidgel EZ1 while mixing. Mix until a clear uniform gel is apparent.