



Conditioning Hand Sanitizer

- An exclusive add-on conditioning benefit for hand sanitizers which differentiates from other sanitizers on the market.
- Has a smooth and super moisturizing after-feel.

Utilizing the unique Glycerin-thickening ability of **Sensogel 200**, this Conditioning Hand Sanitizer is inspired to develop with high concentration of glycerin (27%) in a solution of 70% Ethanol.

By adjusting the concentration of Ethanol to 60%, the content of Glycerin can be used up to 37%.

Sensogel 200 can also stabilize micro beads and pearls, giving your hand sanitizers wonderful visual effects.

Sensogel 200: 3-in-1 stable and ready-to-use associative thickener that can work as an emulsifier, a stabilizer, and thickener for a wide range of **pH (2 – 12)** in O/W sunscreen preparation with a reduced amount of emulsifiers to provide light and **quick-absorbing** sensory and a range of **textures** from sprays, lotions, creams, and butters. Also able to **thicken** 99% **Glycerin** with 1% Sensogel 200, making a water-soluble, petroleum-like viscous paste with a non-tacky sensory. It is designed for skin care, sun care and hair conditioners.

Phase	INCI Name, (Trade Name)	Wt %	Process:
A	Glycerin	27.0	1/ Mix A by a propeller (1000rpm, about 2~3 minutes) until homogenous.
	Sensogel 200	3.00	
B	Ethanol	70.0	2/ Add B into A while continuing mixing at the same condition for 10 minutes.
C	Dye	q.s.	
	Fragrance	q.s.	
	Micro beads or Pearls	q.s.	
Feature	Viscosity (cP) @ 5 rpm	1,980	3/ Add C and mix gently until homogenous.

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