



## Silk Glove Sanitizing Spray (SC-H 007)

Traditional sanitizer sprays tend to be more functional with almost no sensory attributes besides a drying sensation. This is due to formulation restrictions preventing the usage of heavier emollients and humectants - either there are incompatibilities with ethanol or issues with clogging the spray nozzle during usage.

This is not a traditional spray.

The Silk Glove Sanitizing Spray leverages Sensogel's SPE Complex technology to create a cushioned, hydrating sensory during rub-in that also boosts fragrance retention.

Contains the following Applechem products:

**SENSOGEL**, a sensorial rheology modifier for emulsion systems that provides a surprisingly non-tacky, "super-fresh" sensory with a quick-absorbing feature. Stable, consistent performance makes it easy to create a range of textures from sprays to butters by simply varying the usage rate. **SENSOGEL** is also a powerful glycerin thickener which is used to great effect in this formula. Not only does it boost glycerin viscosity but also tamps down on the traditional stickiness associated with this effective natural skin moisturizer.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)	USAGE (WT%)	USAGE (WT%)
<b>A</b>	Glycerin	10.0	5.00	10.0
	Sensogel 200	1.50	1.50	
	Sensogel Novus			2.00
	Water	17.7	17.7	17.2
	PEG 40 Hydrogenated Castor Oil		5.00	
	Ethanol (200 Proof)	30.0	30.0	30.0
<b>B</b>	Ethanol (200 Proof)	40.0	40.0	40.0
<b>C</b>	Fragrance	0.80	0.80	0.80

## Processing Method

1. Add the whole Phase A in the beaker without mixing. Then mix Phase A with a propeller blade (a dispersion blade for Sensogel Novus) at 1500- 1800 rpm at room temperature until gel mixture is formed.
2. Gradually add Phase B and mix until homogenous.
3. Add Phase C and mix until homogenous.

## Specifications

- 🍏 Viscosity @ 5 rpm: <200 cP for all of the above-mentioned formulations
- 🍏 Clarity: Translucent
- 🍏 40°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 cycles

Note: For SC-BS 027(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities

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