Restore + Sanitize Dynamic Hydrogel Cream (SC-H 006(N))

Moisturize, revitalize, and sanitize with this fantastic skincare formulation chassis. Designed for the active professional on the go or a treat that pampers and protects at the end of the day.

This brand new type of instant sanitizer takes advantage of Sensogel's SPE Complex technology, forming a rich hydrogel cream that deep conditions like a hand mask and sanitizes with a CDC-recommended 60% ethanol content.

Combine other choice emollients and actives to create luxurious self-care sensory at an affordable price.

Contains the following Applechem products:

SENSOGEL, a sensorial rheology modifer 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 vicosity 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%)
A	Glycerin	10.0	4.44	12.5
	Sensogel 200	4.50	4.88	
	Sensogel NOVUS			9.00
	Water	24.0	24.85	14.5
	Fragrance	1.50	1.33	
	Ethanol (200 Proof)	60.0	60.0	62.0
B	Emollients		4.50	
C	Sensogel NOVUS			2.00

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. Add Phase B and mix until homogenous.

3. (Sensogel Novus) Add Phase C and mix until homogenous.

Specifications

- *Viscosity @ 5 rpm:*
  61,120 cP for 60% ethanol, SG 200, oil-free formulation
  50,000-60,000 cP for 60% ethanol, SG 200, oil-containing formulation
  86,080 cP for 62% ethanol, SG NOVUS, oil-free formulation

- *40°C oven: 1 month stable*

- *Freeze-Thaw: Passed 3 cycles*

Note: For SC-H 006(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities