



Gentle Soothing Hand Cream (SC-H 008N)

A thick, soothing cream that restores hydration and smooths dry, damaged skin. Clean and safe for irritated, chapped hands.

Sensogel helps build a rich, velvety sensorial profile that maintains a light, water-fresh finish.

SENSOGEL, a sensorial rheology modifier for emulsion systems that provides a surprisingly non-tacky, "super-fresh" sensory with a quick-absorbing feature. The stable and consistent performance makes it easy to create a range of textures from sprays to butters by simply varying the usage rate.

SENSOGEL NOVUS is a very powerful glycerin thickener which is used to great effect in this formula. Not only does it boost glycerin viscosity, from a soft flowable jelly to a structured gel, but also tamps down on the traditional stickiness associated with this raw material. The mixture of high-loaded glycerin and Sensogel Novus can create a cohesive self-leveling gel which does not adhere to the side of container, maximizing the use of your product to 100%.

Specifications

- 🍎 Viscosity at 5 rpm: 42,000 cP
- 🍎 pH: 5.5
- 🍎 50°C oven: On-going
- 🍎 Freeze-Thaw: Passed 3 Cycles

Processing Method

1. Heat Phase A to 85 Celsius then mix until homogenous and Sensogel Novus is dispersed.
2. Mix Phase B until homogenous and heat to 85 Celsius.
3. On a dispersion blade, add Phase B to Phase A at 85 Celsius, allow to mix for 10 minutes at 1000-1500 rpm.
4. Cool to 50 Celsius then add Phase C.
5. Cool to 30 Celsius then adjust pH with 10% citric acid (target pH 5.0 -5.5).

Note: For SC-H 008N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

| PHASE | INCI NAME (TRADE NAME) | USAGE (WT%) |
|----------|--|-------------|
| A | Petrolatum | 3.00 |
| | Dimethicone | 5.00 |
| | Stearic Acid | 2.00 |
| | Glyceryl Stearate | 1.50 |
| | Cetearyl Alcohol | 0.50 |
| | Sensogel Novus | 2.00 |
| B | Glycerin | 8.00 |
| | Water | 77.7 |
| C | Sodium Gluconate | 0.10 |
| | Preservative | 0.20 |
| | Lavandula Angustifolia (Lavender) Flower/Leaf/Stem Extract (Hydroessentials Lavandula) | Q.S. |

Create Possibilities

EDITION: MAY 2020
REF #: CREAM 2005-