



No-Emulsifier

Hydrating Face Lotion (SC-F 025(N))

An emulsifier-free face lotion with a lighter, water-fresh texture than conventional lotions on the market. Fast absorbing with a refreshing, hydrating afterfeel, this lotion features that high end sensory profile while using only low cost emollients like glycerin and mineral oil.

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 also serves as an emulsifier in cold processing conditions.

Specifications

- 🍏 Viscosity at 5 rpm: 31,800 cP
- 🍏 pH: 5.63
- 🍏 50°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 cycles

Processing Method

1. Mix Phase A (room temperature) to ensure it is homogenous.
2. Mix Phase B (room temperature) to ensure all Sensogel 200 is dispersed.
3. Pour phase B into phase A at room temperature while mixing by a propeller at 1500 rpm. Continue mixing for 15 minutes.
4. Adjust pH to 5.2~6.0.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)	USAGE (WT%)
A	Water	63.25	62.75
	Disodium EDTA	0.05	0.05
	Glycerin	20.0	20.0
B	Macadamia Nut Oil	5.00	5.00
	Caprylic/Capric Triglyceride	6.00	6.00
	White Mineral Oil	2.00	2.00
	Sensogel 200	1.50	
	Sensogel NOVUS		2.00
	Dimethicone	2.00	2.00
	Preservative	0.20	0.20
	Fragrance	Q.S.	Q.S.

Note: For SC-F 025(N), prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities

EDITION: APRIL 2017
REF #: CH-SG-200 1706-3