



24 Hour Super Moisturizing Night Cream (SC-F 024(N))

A rich, glossy night cream that looks heavy but disperses lightly on the skin with hydrogel freshness. Sensogel 200 and Phytocare HA allow you to use low cost emollients to boost hydration while still retaining high end sensory.

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.

PHYTOCARE is a magic hydration powerhouse active which forms a moisture-restoring flexible film to hydrate and repair the skin, thus rebuilding skin elasticity.

Specifications

- 🍏 Viscosity at 5 rpm: 132,000 cP
- 🍏 pH: 4.92
- 🍏 50°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 Cycles

Processing Method

1. Mix and heat Phase A to 85 Celsius and make sure all Sensogel 200 is dispersed.
2. Mix phase C as a slurry, then add it into phase B. Heat Phase BC to 85 Celsius to a homogenous solution.
3. Pour Phase A into Phase BC while mixing by a homogenizer at 75-85 Celsius, 4000 rpm. Continue mixing for 5 minutes.
4. Cool down to 50 Celsius, then add Phase D into the system.
5. Cool down to 30 Celsius, then adjust pH with 10 % citric acid solution (pH 4.4 ~5.4).

Note: For SC-F 024(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Sensogel 200/ Sensogel Novus	3.00
	Helianthus Annuus (Sunflower) Seed Oil	3.00
	Dimethicone	1.00
	Caprylic/Capric Triglyceride	2.00
	Shea Butter	2.00
	Petrolatum	4.00
	Stearic Acid	0.50
	Cetearyl Alcohol	0.75
	Glyceryl Monostearate	0.75
	Oleth-20	0.50
B	Water	70.1
	Disodium EDTA	0.05
C	Glycerin	12.0
	Snow Mushroom Extract (PhytoCare-HA CG 1M)	0.05
D	Preservative	0.20
	Fragrance	0.10

Create Possibilities

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